

**Model MET-C1  
Machine Code:  
D176/D177/D237  
System Maintenance**

August, 2014  
Subject to change



# Revision History

Version	Date	Description
1.00	September, 2013	Initial release of this manual. Created this manual for D176/D177 series.
1.10	August, 2014	Revised all sections according to the release of D237. See "page 1 "Version 1.10 Revision List"" for details.

## Version 1.10 Revision List

Chapter	Section	Details
SP Mode Tables	Main SP Tables-1	<ul style="list-style-type: none"> <li>Modified the description of the following SPs:               <ul style="list-style-type: none"> <li>* SP1-135-002</li> <li>* SP1-155-023</li> <li>* SP1-155-023</li> </ul> </li> </ul>
	Main SP Tables-3	<ul style="list-style-type: none"> <li>Deleted the following SPs:               <ul style="list-style-type: none"> <li>* SP3-050-031, -032.</li> <li>* SP3-219-001 through -024</li> <li>* SP3-301-051</li> <li>* SP3-650-011 through -062</li> <li>* SP3-894-001 through -004</li> </ul> </li> <li>Modified the default value of the following SPs:               <ul style="list-style-type: none"> <li>* SP3-110-002 through -004</li> <li>* SP3-234-011 through -014, -021 through -024</li> <li>* SP3-301-081, -091, -101</li> <li>* SP3-330-012, -013</li> <li>* SP3-331-007, -009</li> </ul> </li> <li>Modified the description of the following SPs:               <ul style="list-style-type: none"> <li>* SP3-232-040, -041, -050, -060, -070</li> <li>* SP3-234-031 through -034</li> </ul> </li> </ul>
	Main SP Tables-4	<ul style="list-style-type: none"> <li>Modified the description of SP</li> </ul>

Chapter	Section	Details
SP Mode Tables	Main SP Tables-5	<ul style="list-style-type: none"> <li>• Added the description of SP5-128.</li> <li>• Added a Note for the following SPs which are available with only D176/D177:               <ul style="list-style-type: none"> <li>* SP5-746-001, -002, -004</li> <li>* SP5-748-101, -202</li> <li>* SP5-836-126</li> </ul> </li> <li>• Modified the description of SP5-401-104.</li> <li>• Modified the default value of the following SPs:               <ul style="list-style-type: none"> <li>* SP5-840-006</li> <li>* SP5-847-001 through -005</li> </ul> </li> <li>• Added the description of the following SPs:               <ul style="list-style-type: none"> <li>* SP5-857-151 through -155</li> <li>* SP5-885-200</li> </ul> </li> </ul>
	Main SP Tables-6	<ul style="list-style-type: none"> <li>• Added a Note for the following SPs which are available with only D176/D177:               <ul style="list-style-type: none"> <li>* SP6-100-001 through SP6-186-001</li> </ul> </li> </ul>
	Main SP Tables-7	<ul style="list-style-type: none"> <li>• Deleted the following SPs:               <ul style="list-style-type: none"> <li>* SP7-504-016</li> <li>* SP7-514-016</li> <li>* SP7-624-009 through -208</li> <li>* SP7-801-002 through -019</li> <li>* SP7-851-001</li> <li>* SP7-903-***</li> </ul> </li> <li>• Modified the description of SP7-832-001.</li> </ul>
	Main SP Tables-8	<ul style="list-style-type: none"> <li>• Deleted the following SPs:               <ul style="list-style-type: none"> <li>* SP8-581-023 through -027</li> <li>* SP8-582-005</li> <li>* SP8-583-003</li> <li>* SP8-586-005</li> </ul> </li> </ul>
Input and Output Check	Output Check Table	Deleted "Development Motor: Black"

Chapter	Section	Details
Software Version Up	Error Screens during Updating	Revised the error code list.
	Package Firmware Update	<ul style="list-style-type: none"> <li>• Revised the section name from "SFU (Smart Firmware Update)".</li> <li>• Revised all the explanations.</li> </ul>
	Updating the VM Firmware > Creating an SD Card for Updating	Revised the procedure.
	Package Firmware Update > Immediate Update	Revised the section name from ""SFU procedure".

# TABLE OF CONTENTS

---

Revision History.....	1
Version 1.10 Revision List.....	1

## 1. Service Program Mode

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Enabling and Disabling Service Program Mode.....	7
Entering SP Mode.....	7
Exiting SP Mode.....	7
Types of SP Modes.....	8
SP Mode Button Summary.....	8
Switching Between SP Mode and Copy Mode for Test Printing.....	10
Selecting the Program Number.....	10
Exiting Service Mode.....	11
Service Mode Lock/Unlock.....	11
Remarks.....	12
Others.....	13

## 2. SP Mode Tables

---

Service Table Key.....	15
Main SP Tables-1.....	16
SP1-XXX (Feed).....	16
Main SP Tables-2-1.....	105
SP2-005 to 2-473 (Drum).....	105
Main SP Tables-2-2.....	208
SP2-474 to 2-990 (Drum).....	208
Main SP Tables-3.....	295
SP3-XXX (Process).....	295
Main SP Tables - 4.....	391
SP4-XXX (Scanner).....	391
Main SP Tables-5.....	479
SP5-XXX (Mode).....	479
Main SP Tables-6.....	587
SP6-XXX (Peripherals).....	587
Main SP Tables-7.....	624
SP7-XXX (Data Log).....	624
Main SP Tables-8.....	687

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SP8-XXX (Data Log 2).....	687
Keys and abbreviations in Data Log 2.....	688
Printer SP Mode.....	744
SP1-XXX (Service Mode).....	744
Scanner SP Mode.....	758
SP1-XXX (System and Others).....	758
SP2-XXX (Scanning-image quality).....	761

### 3. Input and Output Check

---

Input Check Table.....	763
Output Check Table.....	793

### 4. Test Pattern Printing

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Test Pattern Printing.....	815
----------------------------	-----

### 5. Software Version up

---

Overview.....	817
Firmware Type.....	818
Procedure.....	819
Update procedure.....	819
Error Screens during Updating.....	824
Updating the VM Firmware.....	829
Creating an SD Card for Updating.....	829
Updating Procedure.....	830
List of Error Messages.....	831
Updating the EXJS.....	834
To Update EXJS.....	834
When Checking the Version of EXJS.....	835
RFU Updating the Firmware.....	837
Package Firmware Update.....	839
Overview.....	839
Immediate Update.....	840
Update at the Next Visit (Reserve).....	843
How to Set the Machine to Download Firmware Later (RESERVE).....	843
How to Check if the Firmware Downloaded with RESERVE.....	845
How to Install Firmware Downloaded with RESERVE.....	847

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Update via SD Card.....	850
<b>6. Uploading/Downloading NV-RAM Data</b>	
Outline.....	853
Upload to SD card from NV-RAM.....	854
Download to NV-RAM from SD card.....	855
<b>7. Address Book Upload/Download</b>	
Backup.....	857
Restore.....	858
Specification.....	859
<b>8. Capturing the Debug Logs</b>	
Overview.....	861
Security of the Operation Log.....	862
Retrieving the Debug Logs.....	864
Procedure for Retrieving the Debug Log.....	864



# 1. Service Program Mode

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## Enabling and Disabling Service Program Mode

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### CAUTION

- Make sure that the data-in LED (🔌) is not on before you go into the SP mode. This LED indicates that some data is coming to the machine. When the LED is on, wait for the copier to process the data.

### Note

- The Service Program Mode is for use by service representatives only. If this mode is used by anyone other than service representatives for any reason, data might be deleted or settings might be changed. In such case, product quality cannot be guaranteed any more.

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### Entering SP Mode

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For details, ask your supervisor.

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### Exiting SP Mode

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Press "Exit" on the LCD twice to return to the copy window.

# Types of SP Modes

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- System SP: SP modes related to the engine functions
- Printer SP: SP modes related to the controller functions
- Scanner SP: SP modes related to the scanner functions
- Fax SP: SP modes related to the fax functions

Select one of the Service Program modes (System, Printer, Scanner, or Fax) from the touch panel as shown in the diagram below after you access the SP mode. This section explains the functions of the System/Printer/Scanner SP modes. Refer to the Fax service manual for the Fax SP modes.

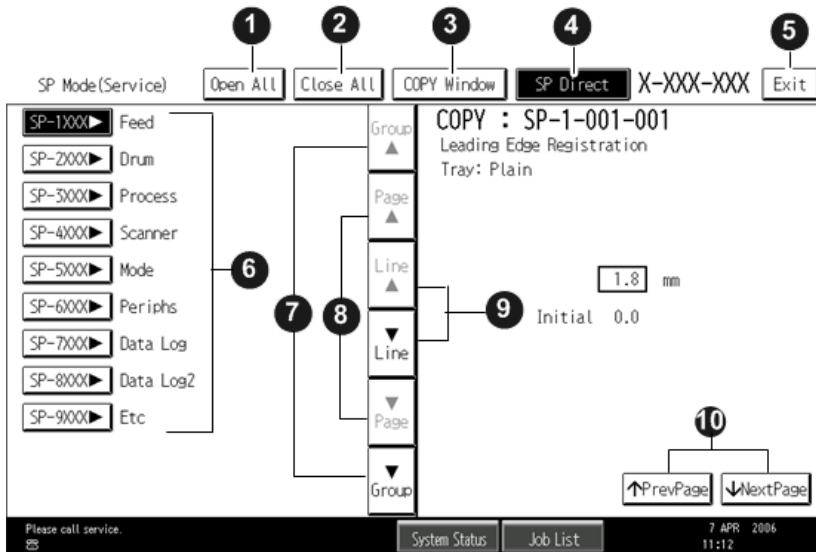


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## SP Mode Button Summary


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Here is a short summary of the touch-panel buttons.



No.	Description
1	Opens all SP groups and sublevels.
2	Closes all open groups and sublevels and restores the initial SP mode display.
3	Opens the copy window (copy mode) so you can make test copies. Press SP Mode (highlighted) in the copy window to return to the SP mode screen,
4	Enter the SP code directly with the number keys if you know the SP number. Then press $\#$ (The required SP Mode number will be highlighted when pressing $\#$ . If not, just press the required SP Mode number.)
5	Press two times to leave the SP mode and return to the copy window to resume normal operation.
6	Press any Class 1 number to open a list of Class 2 SP modes.
7	Press to scroll the show to the previous or next group.
8	Press to scroll to the previous or next display in segments the size of the screen display (page).
9	Press to scroll the show the previous or next line (line by line).
10	Press to move the highlight on the left to the previous or next selection in the list.

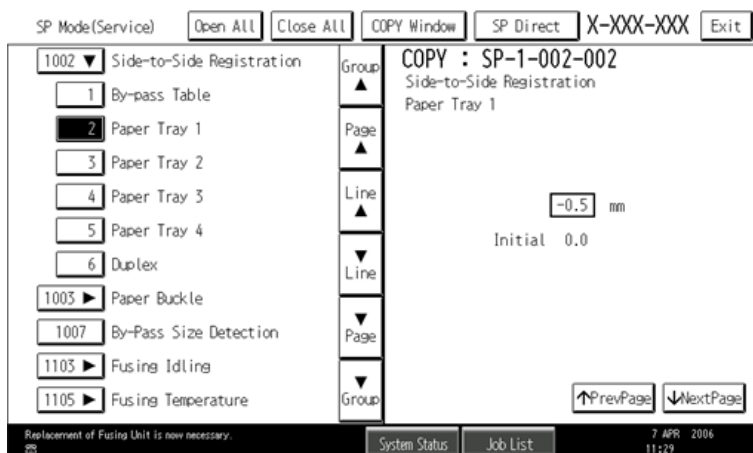
## Switching Between SP Mode and Copy Mode for Test Printing

1. In the SP mode, select the test print. Then press "Copy Window".
2. Use the copy window (copier mode), to select the appropriate settings (paper size, etc.) for the test print.
3. Press Start  to start the test print.
4. Press SP Mode (highlighted) to return to the SP mode screen and repeat from step 1.


## Selecting the Program Number

Program numbers have two or three levels.

1. Refer to the Service Tables to find the SP that you want to adjust before you begin.
2. Press the Group number on the left side SP Mode window that contains the SP that you want to adjust.
3. Use the scrolling buttons in the center of the SP mode window to show the SP number that you want to open. Then press that number to expand the list.
4. Use the center touch-panel buttons to scroll to the number and title of the item that you want to set and press it. The small entry box on the right activates and shows the below default or the current settings.



### Note

- Refer to the Service Tables for the range of allowed settings.
5. Do this procedure to enter a setting:
    - Press  to toggle between plus and minus and use the keypad to enter the appropriate number. The number you enter writes over the previous setting.

- Press **#** to enter the setting. (The value is not registered if you enter a number that is out of range.)
  - Press "Yes" when you are prompted to complete the selection.
6. If you need to perform a test print, press Copy Window to open the copy window and select the settings for the test print. Press Start and then press SP Mode (highlighted) in the copy window to return to the SP mode display.
  7. Press Exit two times to return to the copy window when you are finished.

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## Exiting Service Mode

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Press the Exit key on the touch-panel.

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## Service Mode Lock/Unlock

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At locations where the machine contains sensitive data, the customer engineer cannot operate the machine until the Administrator turns the service mode lock off. This function makes sure that work on the machine is always done with the permission of the Administrator.

1. If you cannot go into the SP mode, ask the Administrator to log in with the User Tool and then set "Service Mode Lock" to OFF after he or she logs in:  
User Tools > System Settings > Administrator Tools > Service Mode Lock > OFF
  - This unlocks the machine and lets you get access to all the SP codes.
  - The CE can service the machine and turn the machine off and on. It is not necessary to ask the Administrator to log in again each time the machine is turned on.
2. Go into the SP mode and set SP5169 to "1" if you must use the printer bit switches.
3. After machine servicing is completed:
  - Change SP5169 from "1" to "0".
  - Turn the machine off and on. Tell the administrator that you have completed servicing the machine.
  - The Administrator will then set the "Service Mode Lock" to ON.

## Remarks

The maximum number of characters which can show on the control panel screen is limited to 30 characters. For this reason, some of the SP modes shown on the screen need to be abbreviated. The following are abbreviations used for the SP modes for which the full description is over 20 characters.

Item	Description
Paper Weight	Thin paper: 52-59 g/m <sup>2</sup> , 13.9-15.7lb. Plain Paper: 60-81 g/m <sup>2</sup> , 16-21.6lb. Middle Thick: 82-105 g/m <sup>2</sup> , 21.9-28lb. Thick Paper 1: 106-169 g/m <sup>2</sup> , 28.5-44.9lb. Thick Paper 2: 170-220 g/m <sup>2</sup> , 45-58lb. Thick Paper 3: 221-256 g/m <sup>2</sup> , 59-68lb Thick 4: 257 g/m <sup>2</sup> -300 g/m <sup>2</sup> , 68.4-79.8lb
Paper Type	N: Normal paper MTH: Middle thick paper TH: Thick paper
Paper Feed Station	P: Paper tray B: By-pass table
Color Mode [Color]	[K]: Black in B&W mode [Y], [M], or [C]: Yellow, Magenta, or Cyan in Full Color mode [YMC]: Only for Yellow, Magenta, and Cyan [FC]: Full Color mode [FC, K], [FC, Y], [FC, M], or [FC, C]: Black, Yellow, Magenta, or Cyan in full color mode
Print Mode	S: Simplex D: Duplex
Process Speed	L: Low speed (73 mm/s) M: Middle speed (108 mm/s) H: High speed (D146/D147: 146, D148: 186, D149/D150: 256 mm/s)

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## Others

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The following symbols are used in the SP mode tables.

**FA:** Factory setting

(Data may be adjusted from the default setting at the factory. Refer to the factory setting sheets enclosed. You can find it in the front cover.)

**DFU:** Design/Factory Use only

Do not touch these SP modes in the field.

A sharp (#) to the right hand side of the mode number column means that the main switch must be turned off and on to effect the setting change.

An asterisk (\*) to the right hand side of the mode number column means that this mode is stored in the NVRAM. If you do a RAM clear, this SP mode will be reset to the default value. "ENG" and "CTL" show which NVRAM contains the data.

- ENG: NVRAM on the BCU board
- CTL: NVRAM on the controller board

The settings of each SP mode are explained in the right-hand column of the SP table in the following way.

[Adjustable range / **Default setting** / Step] Alphanumeric

### **Note**

- If "Alphanumeric" is written to the right of the bracket as shown above, the setting of the SP mode shows on the screen using alphanumeric characters instead of only numbers. However, the settings in the bracket in the SP mode table are explained by using only the numbers.

**SSP:** This denotes a "Special Service Program" mode setting.





## 2. SP Mode Tables

### Service Table Key

Notation	What it means
[range / default/step]	Example: [-9 to +9 / 0 / 0.1 mm step]. The setting can be adjusted in the range $\pm 9$ , value reset to +3.0 after an NVRAM reset, and the value can be changed in 0.1 mm steps with each key press.
*	Value stored in NVRAM. After a RAM reset, this default value (factory setting) is restored.
DFU	Denotes "Design or Factory Use". Do not change this value.
Japan only	The feature or item is for Japan only. Do not change this value.
SSP	This denotes a "Special Service Program" mode.
FSP	This denotes a "Factory Service Program" mode.
E	Engine SP Mode
C	Controller SP Mode

# Main SP Tables-1

## SP1-XXX (Feed)

2

1001	<p>[Leading Edge Registration]</p> <p>Adjusts the leading edge registration by changing the registration motor operation timing for each mode.</p> <p>Increasing a value: an image is moved to the trailing edge of paper.(It makes registration start timing earlier)</p> <p>Decreasing a value: an image is moved to the leading edge of paper.(It makes registration start timing later)</p>		
001	Tray: Thin	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
002	Tray: Plain	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
003	Tray: Mid-thick	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
004	Tray: Thick 1	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
005	Tray: Thick 2	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
006	Tray: Thick 3	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
007	Tray: Thick 4	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
008	By-pass: Thin	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
009	By-pass: Plain	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
010	By-pass: Mid-thick	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
011	By-pass: Thick 1	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
012	By-pass: Thick 2	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
013	By-pass: Thick 3	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
014	By-pass: Thick 4	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
015	Duplex: Thin	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
016	Duplex: Plain	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
017	Duplex: Mid-thick	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]

018	Duplex: Thick 1	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
019	Duplex: Thick 2	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
020	Duplex: Thick 3	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
021	Tray: Thin:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
022	Tray: Plain:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
023	Tray: Mid-thick:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
024	Tray: Thick 1:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
025	Tray: Thick 2:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
026	Tray: Thick 3:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
027	Tray: Thick 4:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
028	By-pass: Thin:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
029	By-pass: Plain:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
030	By-pass: Mid-thick:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
031	By-pass: Thick 1:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
032	By-pass: Thick 2:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
033	By-pass: Thick 3:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
034	By-pass: Thick 4:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
035	Duplex: Thin:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
036	Duplex: Plain:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
037	Duplex: Mid-thick:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
038	Duplex: Thick 1:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
039	Duplex: Thick 2:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]
040	Duplex: Thick 3:1200	*ENG	[-9.0 to 9.0 / 0.0 / 0.1mm/step]

1002	[Side-to-Side Registration]			
	Adjusts the side-to-side registration by changing the laser main scan start position for each mode and tray.			
	Increasing a value: an image is moved to the rear edge of paper.			
	Decreasing a value: an image is moved to the front edge of paper.			
	001	By-pass Tray	ENG	[-4.0 to 4.0 / 0.0 / 0.1 mm/step]
	002	Paper Tray 1	ENG	
	003	Paper Tray 2	ENG	
	004	Paper Tray 3	ENG	
005	Paper Tray 4	ENG		
006	Duplex	*ENG	[-4.0 to 4.0 / 0.0 / 0.1 mm/step]	
007	Large Capacity Tray	*ENG	[-4.0 to 4.0 / 0.0 / 0.1 mm/step]	

1003	[Paper Buckle]			
	Adjusts the amount of paper buckle at the registration roller by changing the paper feed timing.			
	(A "+" setting causes more buckling.)			
	001	Paper Tray 1: Thin	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
	002	Paper Tray 1: Plain	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
	003	Paper Tray 1: Mid-thick	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
	004	Paper Tray 1: Thick 1	*ENG	[-4.0 to 5.0 / -2.0 / 0.1 mm/step]
	005	Tray2/3/4/5/LCT: Thin	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
	006	Tray2/3/4/5/LCT: Plain	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
	007	Tray 2/3/4/5/LCT: Mid-thick	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
	008	Tray2/3/4/5/LCT: Thick 1	*ENG	[-4.0 to 5.0 / -2.0 / 0.1 mm/step]
	009	By-pass: Thin	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
010	By-pass: Plain	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]	
011	By-pass: Mid-thick	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]	

012	By-pass:Thick1	*ENG	[-4.0 to 5.0 / -1.0 / 0.1 mm/step]
013	Duplex:Thin	*ENG	[-4.0 to 5.0 / -1.5 / 0.1 mm/step]
014	Duplex:Plain	*ENG	[-4.0 to 5.0 / -1.5 / 0.1 mm/step]
015	Duplex: Mid-thick	*ENG	[-4.0 to 5.0 / -1.5 / 0.1 mm/step]
016	Duplex:Thick1	*ENG	[-4.0 to 5.0 / -1.5 / 0.1 mm/step]
017	Paper Tray 1: Thin:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
018	Paper Tray 1: Plain:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
019	Paper Tray 1: Mid-thick:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
020	Paper Tray 1: Thick1:1200	*ENG	[-4.0 to 5.0 / -2.0 / 0.1 mm/step]
021	Tray2/3/4/5/LCT: Thin:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
022	Tray2/3/4/5/LCT: Plain:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
023	Tray2/3/4/5/LCT: Mid:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
024	Tray2/3/4/5/LCT: Thick 1:1200	*ENG	[-4.0 to 5.0 / -2.0 / 0.1 mm/step]
025	By-pass: Thin:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
026	By-pass: Plain:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
027	By-pass: Mid-thick:1200	*ENG	[-4.0 to 5.0 / 0.0 / 0.1 mm/step]
028	By-pass:Thick1:1200	*ENG	[-4.0 to 5.0 / -1.0 / 0.1 mm/step]
029	Duplex:Thin:1200	*ENG	[-4.0 to 5.0 / -1.5 / 0.1 mm/step]
030	Duplex:Plain:1200	*ENG	[-4.0 to 5.0 / -1.5 / 0.1 mm/step]
031	Duplex: Mid-thick:1200	*ENG	[-4.0 to 5.0 / -1.5 / 0.1 mm/step]
032	Duplex:Thick1:1200	*ENG	[-4.0 to 5.0 / -1.5 / 0.1 mm/step]

1007	[By-Pass Size Detection]	-
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001	Switch LT SEF/LG SEF	ENG	[0 or 1 / 0 / 1/step] 0:OFF 1:ON
	Select either LT SEF or LG SEF to detect preferentially when using bypass tray which can not auto detect size.		
002	By-Pass Jam Detection Set	ENG	[0 or 1 / 0 / 1/step] 0: Normal Detection 1: Simple Detection
	Special order function for old models: When receiving long length FAX, enter maximum size of custom size for when setting receiving in bypass size, prevent from jamming shorter data than that. 0: Normal detect: when paper size is different form set size (longer of shorter), jam. 1: Simple detect: Jam when paper size is longer than set size.		

1008	[SI By-Pass Size Detection Adj]		
	-		
001	Sidefence Auto Adj	*EN G	[0 or 1 / 1 / 1/ step] 0: OFF 1: ON
	With one action bypass models, switches do or do not side fence auto fine tune when paper is set. But when setting auto fine tune off, detectable paper size will drop to same as regular bypass tray.		
003	Paper Set Fix Time	*EN G	[0 to 10 / 2 / 1sec/step]
	Set the waiting time to activate the side fence auto adjustment after a stack of paper has been set on the by-pass tray. Will have more time till side fence to star moving when setting waiting time longer, but time for setting paper will also be loner. If waiting time is short, side fence might star to move during setting paper. SC or malfunction or so will not occur.		

004	Sidefence Contact Detction:Timeout Adj Value	*EN G	[-200 to 4000 / 0 / 100msec/ step]
	With one action bypass tray, displays an alert message when side fence and paper are more than 10mm apart due to not able to auto adjust. Adjust that distance. Plus make movable distance longer.		
005	Sidefence Adj Correction Value	*EN G	[0.00 to 4.00 / 0.00 / 0.01 mm/step]
	Fine tunes the distance of paper and side fence for one action bypass tray. Plus makes more distance.		
006	Sidefence F adj1	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Side fence of one action bypass: enter value of front sensor touched down (papers exist).		
007	Sidefence F adj2	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Side fence of one action bypass: enter value of front sensor free (paper doesn't exist).		
008	Sidefence R adj1	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Side fence of one action bypass: enter value of rear sensor touched down (papers exist).		
009	Sidefence R adj2	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Side fence of one action bypass: enter value of rear sensor free (paper doesn't exist).		

010	Envelope Choukei 4_SEF/Postcard_SEF Th	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
011	Envelope Choukei 3_SEF/B6_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
012	B6_SEF/HLT_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
013	HLT_SEF/A5_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
014	A5_SEF/(C6/Envelope Youkei 2)_LEF,B5_SEF Th	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
015	(C6/Envelope Youkei 2)_LEF/Monarch_LEF Th	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		



016	Monarch_LEF/(F/GL)_SEF,DoublePostcard_LEF Th	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
017	(F/GL)_SEF,DoublePostc_LEF/A5_LEF,LT_SEF Th	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
018	A5_LEF/DL Env_LEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
019	LT_SEF/SRA4_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
020	DL Env_LEF/C5_LEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
021	SRA4_SEF/Envelope Youchou 3_LEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		

022	C5_LEF/COM10_LEF,Env Kaku 2_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
023	(EvYouc3,COM10)LEF,EvKa2SEF/10x14SEF,B5LEFTH	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
024	10 x 14_SEF/Exe_LEF, 8K_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
025	Exe_LEF, 8K_SEF/DLT_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
026	DLT_SEF/A3_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
027	A3_SEF/12 x 18_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		

028	12 x 18_SEF/SRA3_SEF Threshold	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
029	Switch Env Youchou 3 LEF/Env Youkei 4 LEF	*EN G	[0 or 1 / 0 / 1/ step] 0: OFF 1: ON
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
030	Switch LT SEF/LG SEF	*EN G	[0 or 1 / 0 / 1/ step] 0: OFF 1: ON
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
031	Switch C5 LEF/SRA4	*EN G	[0 or 1 / 0 / 1/ step] 0: OFF 1: ON
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		
032	Main Scan Size Adj	ENG	[0 or 1 / 0 / 1/ step]
	Fine tunes side fence position sensor of one action bypass tray.		
033	Main Scan Size Adj Result (0:Fail 1:Succeed)	ENG	[0 or 1 / 0 / 1/ step]
	Displays result of fine tuning side fence position sensor of one action bypass tray.		
034	Paper Press Amt Adj Value	*EN G	[-1.6 to 3.0 / 0.0 / 0.1mm/ step]
	Have pressuring time for side fence of one action bypass tray (for truing up the paper) When making this value larger than necessary, side effects might occur like thin paper buckling.		

035	Postcard_SEF/Envelope Choukei 3_SEF Th	*EN G	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Adjoining paper width threshold with side fence position sensor of one action bypass tray.		

1009	[Initial Operation Setting] Switches 1: ON 0: OFF of register back rush removal when recovering form sleep mode. With default setting, this is OFF prior less noise.		
001	Registration Gear Backlash Cut	*ENG	[0 or 1 / 0 / 1/step] 0:OFF 1:ON

1101	[Reload Permit Setting] DFU Specifies the settings of the reload permit.		
001	Pre-rotation Start Temp.	*ENG	[0 to 200 / 0 / 1 deg/step]
002	Reload Target Temp.:Center	*ENG	[0 to 190 / 113 / 1 deg/step]
003	Reload Target Temp.:Press	*ENG	[0 to 200 / 120 / 1 deg/step]
004	Temp.:Delta:Cold:Center	*ENG	[0 to 200 / 41 / 1 deg/step]
005	Temp.:Delta:Cold:End	*ENG	[0 to 200 / 41 / 1 deg/step]
006	Temp.:Delta:Cold:Press	*ENG	[0 to 200 / 110 / 1 deg/step]
007	Forced Reload Time:Cold	*ENG	[0.0 to 100.0 / 13.0 / 0.1sec/ step]
008	Temp.:Delta:Low Power:Center	*ENG	[0 to 200 / 5 / 1 deg/step]

009	Temp.:Delta:Low Power:End	*ENG	[0 to 200 / 5 / 1 deg/step]
010	Temp.:Delta:Low Power:Press	*ENG	[0 to 200 / 110 / 1 deg/step]
011	Forced Reload Time:Low Power	*ENG	[0.0 to 100.0 / 13.0 / 0.1 sec/step]
012	Temp.:Delta:Hot:Center	*ENG	[0 to 200 / 5 / 1 deg/step]
013	Temp.:Delta:Hot:End	*ENG	[0 to 200 / 5 / 1 deg/step]
014	Temp.:Delta:Hot:Press	*ENG	[0 to 200 / 110 / 1 deg/step]
015	Forced Reload Time:Hot	*ENG	[0.0 to 100.0 / 13.0 / 0.1 sec/step]
016	Temp.:Delta:Cold:BW1/2:Center	*ENG	[0 to 200 / 41 / 1 deg/step]
017	Temp.:Delta:Cold:BW1/2:End	*ENG	[0 to 200 / 41 / 1 deg/step]
018	Temp.:Delta:Cold:BW1/2:Press	*ENG	[0 to 200 / 110 / 1 deg/step]
019	Forced Reload Time:Cold:BW1/2	*ENG	[0.0 to 100.0 / 13.0 / 0.1 sec/step]
101	Reload Target Temp.:Center:Energy Saving	*ENG	[0 to 200 / 113 / 1 deg/step]
102	Reload Target Temp.:Press:Energy Saving	*ENG	[0 to 200 / 120 / 1 deg/step]
103	Temp.:Delta:Cold:Energy Saving:Center	*ENG	[0 to 200 / 40 / 1 deg/step]
104	Temp.:Delta:Cold:Energy Saving:End	*ENG	[0 to 200 / 40 / 1 deg/step]

105	Temp.:Delta:Cold:Energy Saving:Press	*ENG	[0 to 200 / 100 / 1 deg/step]
106	Forced Reload Time:Cold:Energy Saving	*ENG	[0.0 to 100.0 / 30.0 / 0.1 sec/step]
151	Temp.:Delta:Low Temp.:Center	*ENG	[0 to 200 / 5 / 1 deg/step]
152	Temp.:Delta:Low Temp.:End	*ENG	[0 to 200 / 5 / 1 deg/step]
153	Temp.:Delta:Low Temp.:Press	*ENG	[0 to 200 / 70 / 1 deg/step]
154	Forced Reload Time:Low Temp.	*ENG	[0.0 to 100.0 / 60.0 / 0.1 sec/step]
201	Temp.:Delta:Cold:Center:FIN-less/ADF-less	*ENG	[0 to 200 / <b>41</b> / 1 deg/step]
202	Temp.:Delta:Cold:End:FIN-less/ADF-less	*ENG	[0 to 200 / <b>41</b> / 1 deg/step]
203	Temp.:Delta:Cold:Press:FIN-less/ADF-less	*ENG	[0 to 200 / 110 / 1 deg/step]
204	Forced Reload Time:Cold:FIN-less/ADF-less	*ENG	[0.0 to 100.0 / 13.0 / 0.1 sec/step]
211	Temp.:Delta:Cold:Center:FIN-less/ADF-attached	*ENG	[0 to 200 / <b>41</b> / 1 deg/step]
212	Temp.:Delta:Cold:End:FIN-less/ADF-attached	*ENG	[0 to 200 / <b>41</b> / 1 deg/step]
213	Temp.:Delta:Cold:Press:FIN-less/ADF-attached	*ENG	[0 to 200 / 110 / 1 deg/step]
214	ForcedReloadTime:Cold:FIN-less/ADF-attached	*ENG	[0.0 to 100.0 / 13.0 / 0.1 sec/step]

1102	[Feed Permit Setting] DFU Specified the settings of the paper feeding timing.		
001	Temp.:Lower Delta:Center	*ENG	[0 to 200 / <b>48</b> / 1deg/step]
002	Temp.:Lower Delta:End	*ENG	[0 to 200 / <b>48</b> / 1deg/step]
003	Temp.:Upper Delta:Center	*ENG	[0 to 200 / 40 / 1deg/step]
004	Temp.:Upper Delta:End	*ENG	[0 to 200 / 40 / 1deg/step]
005	Temp.:Lower Delta:Press	*ENG	[0 to 200 / 90 / 1deg/step]
006	Rotation Time	*ENG	[0 to 100 / 0.80 / 1sec/step]
007	Temp.:Lower Delta:Center:Sp.1	*ENG	[0 to 200 / 5 / 1deg/step]
008	Temp.:Lower Delta:End:Sp.1	*ENG	[0 to 200 / 5 / 1deg/step]
009	Temp.:Upper Delta:Center:Sp.1	*ENG	[0 to 200 / 30 / 1deg/step]
010	Temp.:Upper Delta:End:Sp.1	*ENG	[0 to 200 / 30 / 1deg/step]
011	Temp.:Lower Delta:Press:Sp.1	*ENG	[0 to 200 / 45 / 1deg/step]
012	Rotation Time:Sp.1	*ENG	[0 to 100 / 0.80 / 1sec/step]
013	Temp.:Lower Delta:Center:Sp.2	*ENG	[0 to 200 / 5 / 1deg/step]
014	Temp.:Lower Delta:End:Sp.2	*ENG	[0 to 200 / 5 / 1deg/step]
015	Temp.:Upper Delta:Center:Sp.2	*ENG	[0 to 200 / 15 / 1deg/step]
016	Temp.:Upper Delta:End:Sp.2	*ENG	[0 to 200 / 15 / 1deg/step]
017	Temp.:Lower Delta:Press:Sp.2	*ENG	[0 to 200 / 100 / 1deg/step]
018	Rotation Time:Sp2	*ENG	[0 to 100 / <b>0.80</b> / 1sec/step]
019	Feed Permit Time	*ENG	[0 to 100 / 60 / 1sec/step]
020	Temp.:Lower Delta:Center	*ENG	[0 to 200 / 40 / 1deg/step]
021	Temp.:Lower Delta:End	*ENG	[0 to 200 / 40 / 1deg/step]
022	Temp.:Upper Delta:Center	*ENG	[0 to 200 / 30 / 1deg/step]
023	Temp.:Upper Delta:End	*ENG	[0 to 200 / 30 / 1deg/step]
024	Temp.:Lower Delta:Press	*ENG	[0 to 200 / 31 / 1deg/step]

025	Temp.:Lower Delta:Press	*ENG	[0 to 200 / 48 / 1deg/step]
026	Rotation Time	*ENG	[0 to 100 / 0.80 / 1sec/step]
027	Temp.:Lower Delta:Center	*ENG	[0 to 200 / 5 / 1deg/step]
028	Temp.:Lower Delta:End	*ENG	[0 to 200 / 5 / 1deg/step]
029	Temp.:Upper Delta:Center	*ENG	[0 to 200 / 30 / 1deg/step]
030	Temp.:Upper Delta:End	*ENG	[0 to 200 / 30 / 1deg/step]
031	Temp.:Lower Delta:Press	*ENG	[0 to 200 / 22 / 1deg/step]
032	Temp.:Lower Delta:Press	*ENG	[0 to 200 / 41 / 1deg/step]
033	Rotation Time	*ENG	[0 to 100 / 0.80 / 1sec/step]
034	Temp.:Lower Delta:Center	*ENG	[0 to 200 / 5 / 1deg/step]
035	Temp.:Lower Delta:End	*ENG	[0 to 200 / 5 / 1deg/step]
036	Temp.:Upper Delta:Center	*ENG	[0 to 200 / 15 / 1deg/step]
037	Temp.:Upper Delta:End	*ENG	[0 to 200 / 15 / 1deg/step]
038	Temp.:Lower Delta:Press	*ENG	[0 to 200 / 100 / 1deg/step]
039	Temp.:Lower Delta:Press	*ENG	[0 to 200 / 100 / 1deg/step]
040	Rotation Time	*ENG	[0 to 100 / 0.80 / 1sec/step]
041	Judgment Power A	*ENG	[0 to 2000 / D176: 1404(NA, TW), 1514(EU, AS, CHN, KOR), D177: 1404(NA, TW), 1514(EU, AS, CHN, KOR) / 1W/step]
042	Temp.:Lower Delta:Center:Power A	*ENG	[0 to 200 / <b>48</b> / 1deg/step]
043	Temp.:Lower Delta::Power A	*ENG	[0 to 200 / <b>48</b> / 1deg/step]
044	Temp.:Upper Delta:Center:Power A	*ENG	[0 to 200 / 30 / 1deg/step]
045	Temp.:Upper Delta:End:Power A	*ENG	[0 to 200 / 30 / 1deg/step]
046	Temp.:Lower Delta:Press:Power A	*ENG	[0 to 200 / 90 / 1deg/step]
047	Rotation Time:Power A	*ENG	[0 to 100 / 0.80 / 1sec/step]



051	Judgment Power B	*ENG	[0 to 2000 / D176: 1379(NA, TW), 1489(EU, AS, CHN, KOR), D177: 1379(NA, TW), 1489(EU, AS, CHN, KOR) / 1W/step]
052	Temp.:Lower Delta:Center:Power B	*ENG	[0 to 200 / <b>48</b> / 1deg/step]
053	Temp.:Lower Delta:End:Power B	*ENG	[0 to 200 / <b>48</b> / 1deg/step]
054	Temp.:Upper Delta:Center:Power B	*ENG	[0 to 200 / 30 / 1deg/step]
055	Temp.:Upper Delta:End:Power B	*ENG	[0 to 200 / 30 / 1deg/step]
056	Temp.:Lower Delta:Press:Power B	*ENG	[0 to 200 / <b>90</b> / 1deg/step]
057	Rotation Time:Power B	*ENG	[0 to 100 / 0.80 / 1sec/step]

1105	[Print Target Temp.]		
	Plain 1:FC:Center	*ENG	[100 to 180 / 118 / 1deg/step]
001	<p>Paper through target temperature: Standard paper 1: FC: center</p> <p>Fusing malfunction might improve by setting value larger.</p> <p>Paper curl might improve by setting value smaller.</p> <p>Adjusting range is +/- 5 deg. celsius.</p>		
002	Plain 1:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
	Plain 1:BW:Center	*ENG	[100 to 180 / 115 / 1deg/step]
003	<p>Paper through target temperature: Standard paper 1: BW: center</p> <p>Fusing malfunction might improve by setting value larger.</p> <p>Paper curl might improve by setting value smaller.</p> <p>Adjusting range is +/- 5 deg. celsius.</p>		
004	Plain 1:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step]

005	Plain2:FC:Center	*ENG	[100 to 180 / 123 / 1deg/step]
	Paper through target temperature: Standard paper 2: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
006	Plain2:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
007	Plain2:BW:Center	*ENG	[100 to 180 / <b>120</b> / 1deg/step]
	Paper through target temperature: Standard paper 2: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
008	Plain2:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
009	Thin:FC:Center	*ENG	[100 to 180 / 114 / 1deg/step]
	Paper through target temperature: thin paper: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
010	Thin:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
011	Thin:BW:Center	*ENG	[100 to 180 / 114 / 1deg/step]
	Paper through target temperature: thin paper: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
012	Thin:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU

013	M-thick:FC:Center	*ENG	[100 to 180 / 135 / 1deg/step]
	<p>Paper through target temperature: middle thick paper: FC: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
014	M-thick:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
015	M-thick:BW:Center	*ENG	[100 to 180 / 135 / 1deg/step]
	<p>Paper through target temperature: middle thick paper: BW: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
016	M-thick:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
017	Thick1:FC:Center	*ENG	[100 to 180 / 125 / 1deg/step]
	<p>Paper through target temperature: thick paper 1: FC: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
018	Thick1:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
019	Thick1:BW:Center	*ENG	[100 to 180 / 125 / 1deg/step]
	<p>Paper through target temperature: thick paper 1: BW: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
020	Thick1:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU

021	Thick2:FC:Center	*ENG	[100 to 180 / 130 / 1deg/step]
	<p>Paper through target temperature: thick paper 2: FC: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
022	Thick2:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
023	Thick2:BW:Center	*ENG	[100 to 180 / 130 / 1deg/step]
	<p>Paper through target temperature: thick paper 2: BW: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
024	Thick2:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
025	Thick3:FC:Center	*ENG	[100 to 180 / 135 / 1deg/step]
	<p>Paper through target temperature: thick paper 3: FC: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
026	Thick3:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
027	Thick3:BW:Center	*ENG	[100 to 180 / 135 / 1deg/step]
	<p>Paper through target temperature: thick paper 3: BW: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
028	Thick3:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU

029	Special1:FC:Center	*ENG	[100 to 180 / 129 / 1deg/step]
	Paper through target temperature: special paper 1: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
030	Special1:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
031	Special1:BW:Center	*ENG	[100 to 180 / 129 / 1deg/step]
	Paper through target temperature: special paper 1: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
032	Special1:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
033	Special2:FC:Center	*ENG	[100 to 180 / 139 / 1deg/step]
	Paper through target temperature: special paper 2: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
034	Special2:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
035	Special2:BW:Center	*ENG	[100 to 180 / 139 / 1deg/step]
	Paper through target temperature: special paper 2: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
036	Special2:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU

037	Special3:FC:Center	*ENG	[100 to 180 / 139 / 1deg/step]
	Paper through target temperature: special paper 3: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
038	Special3:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
039	Special3:BW:Center	*ENG	[100 to 180 / 139 / 1deg/step]
	Paper through target temperature: special paper 3: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
040	Special3:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
041	Envelop:Center	*ENG	[100 to 180 / 142 / 1deg/step]
	Paper through target temperature: envelope: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
042	Envelop:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
051	Special1:FC:Center:Middle Speed	*ENG	[100 to 180 / 122 / 1deg/step]
	Paper through target temperature: special paper 1: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
052	Special1:FC:Press:Middle Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU

	Special1:BW:Center:Middle Speed	*ENG	[100 to 180 / 122 / 1deg/step]
053	Paper through target temperature: special paper 1: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
054	Special1:BW:Press:Middle Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
	Special2:FC:Center:Middle Speed	*ENG	[100 to 180 / 127 / 1deg/step]
055	Paper through target temperature: special paper 2: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
056	Special2:FC:Press:Middle Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
	Special2:BW:Center:Middle Speed	*ENG	[100 to 180 / 127 / 1deg/step]
057	Paper through target temperature: special paper 2: BW: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
058	Special2:BW:Press:Middle Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
	Special3:FC:Center:Middle Speed	*ENG	[100 to 180 / 132 / 1deg/step]
059	Paper through target temperature: special paper 3: FC: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
060	Special3:FC:Press:Middle Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU

061	Special3:BW:Center:Middle Speed	*ENG	[100 to 180 / 132 / 1deg/step]
	<p>Paper through target temperature: special paper 3: BW: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
062	Special3:BW:Press:Middle Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
101	Plain1:FC:Center:Low Speed	*ENG	[100 to 180 / 115 / 1deg/step]
	<p>Paper through target temperature: Standard 1: FC: center: low speed  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
102	Plain1:FC:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
103	Plain1:BW:Center:Low Speed	*ENG	[100 to 180 / 115 / 1deg/step]
	<p>Paper through target temperature: Standard 1: BW: center: low speed  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
104	Plain1:BW:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
105	Plain2:FC:Center:Low Speed	*ENG	[100 to 180 / 120 / 1deg/step]
	<p>Paper through target temperature: Standard 2: FC: center: low speed  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
106	Plain2:FC:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU



107	Plain2:BW:Center:Low Speed	*ENG	[100 to 180 / 120 / 1deg/step]
	Paper through target temperature: Standard 2: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
108	Plain2:BW:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
109	M-thick:FC:Center:Low Speed	*ENG	[100 to 180 / <b>115</b> / 1deg/step]
	Paper through target temperature: middle thick paper: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
110	M-thick:FC:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
111	M-thick:BW:Center:Low Speed	*ENG	[100 to 180 / <b>115</b> / 1deg/step]
	Paper through target temperature: middle thick paper: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
112	M-thick:BW:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
113	Thick 1:FC:Center:Low Speed	*ENG	[100 to 180 / 128 / 1deg/step]
	Paper through target temperature: Thick paper 1: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
114	Thick 1:FC:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU

115	Thick1:BW:Center:Low Speed	*ENG	[100 to 180 / 127 / 1deg/step]
	<p>Paper through target temperature: Thick paper 1: BW: center: low speed  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
116	Thick1:BW:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
117	Special1:FC:Center:Low Spee	*ENG	[100 to 180 / 137 / 1deg/step]
	<p>Paper through target temperature: Thick paper 1: BW: center: low speed  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
118	Special1:FC:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
119	Special1:BW:Center:Low Speed	*ENG	[100 to 180 / 137 / 1deg/step]
	<p>Paper through target temperature: special paper 1: BW: center: low speed  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
120	Special1:BW:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
121	Special2:FC:Center:Low Speed	*ENG	[100 to 180 / 142 / 1deg/step]
	<p>Paper through target temperature: special paper 2: FC: center: low speed  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
122	Special2:FC:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU

123	Special2:BW:Center:Low Speed	*ENG	[100 to 180 / 142 / 1deg/step]
	Paper through target temperature: special paper 2: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
124	Special2:BW:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
125	Plain1:Glossy:Center	*ENG	[100 to 180 / 132 / 1deg/step]
	Paper through target temperature: Standard paper 1: coat: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
126	Plain1:Glossy:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
127	Plain2:Glossy:Center	*ENG	[100 to 180 / 137 / 1deg/step]
	Paper through target temperature: Standard paper 2: coat: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
128	Plain2:Glossy:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
129	M-thick:Glossy:Center	*ENG	[100 to 180 / 142 / 1deg/step]
	Paper through target temperature: Standard paper 2: coat: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
130	M-thick:Glossy:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU

131	OHP:Center	*ENG	[100 to 180 / 160 / 1deg/step]
	Paper through target temperature OHP: center Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
132	OHP:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
133	Envelop:Center:Low Speed	*ENG	[100 to 180 / <b>135</b> / 1deg/step]
	Paper through target temperature: envelope: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
134	Envelop:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
135	Thin:FC:Center:Low Speed	*ENG	[100 to 180 / 110 / 1deg/step]
	Paper through target temperature: thin paper: FC: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
136	Thin:FC:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU
137	Thin:BW:Center:Low Speed	*ENG	[100 to 180 / 110 / 1deg/step]
	Paper through target temperature: thin paper: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
138	Thin:BW:Press:Low Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU

139	Thick4:FC:Center	*ENG	[100 to 180 / 140 / 1deg/step]
	<p>Paper through target temperature: thick paper 4: FC: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
140	Thick4:FC:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
141	Thick4:BW:Center	*ENG	[100 to 180 / 140 / 1deg/step]
	<p>Paper through target temperature: thick paper 4: BW: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
142	Thick4:BW:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
143	Postcard:Center	*ENG	[100 to 180 / 118 / 1deg/step]
	<p>Paper through target temperature post card: center  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
144	Postcard:Press	*ENG	[0 to 200 / 118 / 1deg/step] DFU
145	Special3:FC:Center:Middle Speed	*ENG	[100 to 180 / 147 / 1deg/step]
	<p>Paper through target temperature: Thick paper 1: BW: center: low speed  Fusing malfunction might improve by setting value larger.  Paper curl might improve by setting value smaller.  Adjusting range is +/- 5 deg. celsius.</p>		
146	Special3:FC:Press:Middle Speed	*ENG	[0 to 200 / 118 / 1deg/step] DFU

	Special3:BW:Center:Middle Speed	*ENG	[100 to 180 / 147 / 1 deg/step]
147	Paper through target temperature: special paper 1: BW: center: low speed Fusing malfunction might improve by setting value larger. Paper curl might improve by setting value smaller. Adjusting range is +/- 5 deg. celsius.		
148	Special3:BW:Press:Middle Speed	*ENG	[0 to 200 / 118 / 1 deg/step] DFU

1106	[Fusing Temp. Display]		
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001	Heat Center	ENG	[-10 to 250 / 0 / 1 deg/step] Displays the temperature of the heating roller detected by the thermistor at the center of the heating roller.
002	Heat End	ENG	[-10 to 250 / 0 / 1 deg/step] Displays the temperature of the heating roller detected by the thermistors at the ends of the heating roller.
003	Press Center	ENG	[-10 to 250 / 0 / 1 deg/step] Displays the temperature of the hot roller detected by the thermistors at the center of the pressure roller.
004	Press End	ENG	[-10 to 250 / 0 / 1 deg/step] Displays the temperature of the hot roller detected by the thermistors at the ends of the pressure roller.
005	Press End	ENG	[-10 to 250 / 0 / 1 deg/step] Display fusing temperature: Displays detect temperature of pressuring extension edge sensor.

1107	[Standby Target Temp. Setting] DFU		
001	Stanby/Preheat1:Center	*ENG	[0 to 200 / 90 / 1 deg/step]

003	Preheat2:Center	*ENG	[0 to 200 / 90 / 1deg/step]
005	Low Power:Center	*ENG	[0 to 200 / 60 / 1deg/step]
007	Print Ready:Center	*ENG	[100 to 180 / 128 / 1deg/step]
008	Print Ready:Press	*ENG	[0 to 200 / 120 / 1deg/step]
011	Standby Heater Off Time	*ENG	[0 to 100 / 0 / 1sec/step]

1108	[After Reload/Job Target Temp.] DFU		
001	Center	*ENG	[0 to 200 / 113 / 1deg/step]
002	Press	*ENG	[0 to 200 / 120 / 1deg/step]
011	Center:Energy Saving	*ENG	[0 to 200 / 113 / 1deg/step]
012	Press:Energy Saving	*ENG	[0 to 200 / 120 / 1deg/step]

1111	[Environment Correction:Fusing] DFU		
001	Temp.: Threshold: Low	*ENG	[0 to 100 / 17 / 1deg/step]
002	Temp.: Threshold: High	*ENG	[0 to 100 / 30 / 1deg/step]
003	Low Temp. Correction	*ENG	[0 to 15 / 5 / 1deg/step]
004	High Temp. Correction	*ENG	[0 to 15 / 0 / 1deg/step]
005	Job Low Temp. Correction	*ENG	[0.0 to 100.0 / 8.0 / 0.1deg/step]
006	Job High Temp. Correction	*ENG	[0.0 to 100.0 / 0.0 / 0.1deg/step]
007	Job Low Temp. Correction:Sp.	*ENG	[0.0 to 100.0 / 8.0 / 0.1deg/step]
008	Job High Temp. Correction:Sp.	*ENG	[0.0 to 100.0 / 0.0 / 0.1deg/step]
011	Standard Environment Temp.	*ENG	[10 to 30 / 23 / 1deg/step]

1112	[Image Processing Temp. Correct]		
001	Temp.:Plain:Center:Level1/2	*ENG	[-20 to 20 / 0 / 1deg/step] DFU

	Temp.:Plain:Center:Energy Saving	*ENG	[-30 to 20 / -7 / 1deg/step]
002	<p>Image process temperature correction: standard paper: Level 2                      Fusing malfunction to standard paper, Bk monochrome images might improve by setting value larger.                      Adjustable range is between +/- 0 deg. Celsius to initial value.</p>		

1113	[Curl Correction]		
001	Execute Pattern	*ENG	<p>[0 to 2 / 0 / 1/step]                      0: OFF                      1: ON(No Decurl)                      2: ON</p>
	Enable/disable curl correction.		
002	Humidity:Threshold:M-humid	*ENG	<p>[0 to 100 / 1 / 1%/step]                      DFU</p>
003	Humidity:Threshold:H-humid	*ENG	<p>[0 to 100 / 65 / 1%/step]                      DFU</p>
004	Permit Temp.:Delta:Press:M-humid	*ENG	<p>[0 to 200 / 60 / 1deg/step]                      DFU</p>
005	Permit Temp.:Delta:Press:H-humid	*ENG	<p>[0 to 200 / 50 / 1deg/step]                      DFU</p>
006	Permit Temp.:Delta:Press:M-humid:No Decurl	*ENG	<p>[0 to 200 / 50 / 1deg/step]                      DFU</p>
007	Permit Temp.:Delta:Press:H-humid:No Decurl	*ENG	<p>[0 to 200 / 40 / 1deg/step]                      DFU</p>
008	CPM:M-humid	*ENG	<p>[0 to 100 / 80 / 1%/step]                      DFU</p>
009	CPM:H-humid	*ENG	<p>[0 to 100 / 65 / 1%/step]                      DFU</p>
010	CPM:M-humid:No Decurl	*ENG	<p>[0 to 100 / 80 / 1%/step]                      DFU</p>



011	CPM:H-humid:No Decurl	*ENG	[0 to 100 / 65 / 1%/step] DFU
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1114	[Heat Storage Status] DFU		
001	Temp.:Threshold:Press	*ENG	[0 to 200 / 80 / 1 deg/step]
002	Temp.:Threshold:Atmosphere	*ENG	[0 to 200 / 60 / 1 deg/step]
003	-	*ENG	[0 to 200 / 60 / 1 deg/step]
004	Temp.:Threshold:Voltage Detection	*ENG	[0 to 200 / 40 / 1 deg/step]

1115	[Target Temp. Correction] DFU		
001	Temp.:Delta:End	*ENG	[-100 to 100 / 0 / 1 deg/step]

1116	[Heat Storage FB Control]		
001	Execution mode	*ENG	[0 to 2 / 1 / 1/step] 0: OFF 1: ON(BW) 2: ON(BW/FC) DFU
002	<b>-Correction Formula Judge Temp</b>	*ENG	[0 to 200 / D176: 97, D177: 102 / 1/step]
003	<b>-Heat Gap Correction Temp</b>	*ENG	[0 to 200 / 1 / 1/step]
011	Time Out	*ENG	[0 to 500 / 0 / 1sec/step] DFU
012	<b>Time Out:Energy Saving</b>	*ENG	[- / 3 / -]
021	Delay:Standard Speed:FC:1	*ENG	[0 to 20000 / 3590 / 1msec/step] DFU
022	Delay:Standard Speed:BW:1	*ENG	[0 to 20000 / 1320 / 1msec/step] DFU
023	Delay:Middle Speed:FC:1	*ENG	[0 to 20000 / 3590 / 1msec/step]

024	Delay:Middle Speed:BW:1	*ENG	[0 to 20000 / 1320 / 1msec/step]
025	Delay:Low Speed:FC:1	*ENG	[0 to 20000 / 7180 / 1msec/step]
026	Delay:Low Speed:BW:1	*ENG	[0 to 20000 / 2640 / 1msec/step]
031	Delay:Standard Speed:FC:2	*ENG	[0 to 20000 / 3590 / 1msec/step] DFU
032	Delay:Standard Speed:BW:2	*ENG	[0 to 20000 / 1320 / 1msec/step] DFU
033	Delay:Middle Speed:FC:2	*ENG	[0 to 20000 / 3590 / 1msec/step]
034	Delay:Middle Speed:BW:2	*ENG	[0 to 20000 / 1320 / 1msec/step]
035	Delay:Low Speed:FC:2	*ENG	[0 to 20000 / 7180 / 1msec/step]
036	Delay:Low Speed:BW:2	*ENG	[0 to 20000 / 2640 / 1msec/step]
041	Press Reference Temp.	*ENG	[0 to 200 / 82 / 1deg/step] DFU
042	Temp. Correction Lower Limit	*ENG	[-30 to 0 / 0 / 1deg/step] DFU
043	Temp. Correction Upper Limit	*ENG	[0 to 30 / 5 / 1deg/step] DFU
044	Press Reference Temp.:Energy Saving	*ENG	[0 to 200 / 75 / 1/step]
045	<b>Temp.Correction Lower Limit:Energy Saving</b>	*ENG	[- / -1 / -]
046	<b>Temp.Correction Upper Limit:Energy Saving</b>	*ENG	[- / 0 / -]
051	Paper Thickness Coefficient:Plain 1	*ENG	[0 to 100 / -30 / 1/step] DFU
052	Paper Thickness Coefficient:Plain2	*ENG	[0 to 100 / -30 / 1/step] DFU
053	<b>Paper Thickness Coefficient:Thin</b>	*ENG	[- / -50 / -]

054	Paper Thickness Coefficient:M-thick	*ENG	[- / 0 / -]
073	Paper Thickness Coefficient:Low Speed	*ENG	[- / 0 / -]
074	Paper Thickness Coefficient:Energy Saving	*ENG	[-100 to 100 / 30 / 1/step]

1117	[Repeat Temp. Correction] DFU		
001	Control Time 1:A3	*ENG	[0 to 300 / 0 / 1 sec/step]
002	Control Time 2:A3	*ENG	[0 to 300 / 4 / 1 sec/step]
003	Temp.:Center:1:A3	*ENG	[-30 to 30 / 0 / 1 deg/step]
004	Temp.:End:1:A3	*ENG	[-30 to 30 / 5 / 1 deg/step]
005	Temp.:Center:2:A3	*ENG	[-30 to 30 / 0 / 1 deg/step]
006	Temp.:End:2:A3	*ENG	[-30 to 30 / 0 / 1 deg/step]
011	Control Time 1:DLT	*ENG	[0 to 300 / 60 / 1 sec/step]
012	Control Time 2:DLT	*ENG	[0 to 300 / 60 / 1 sec/step]
013	Temp.:Center:1:DLT	*ENG	[-30 to 30 / 0 / 1 deg/step]
014	Temp.:End:1:DLT	*ENG	[-30 to 30 / 0 / 1 deg/step]
015	Temp.:Center:2:DLT	*ENG	[-30 to 30 / 0 / 1 deg/step]
016	Temp.:End:2:DLT	*ENG	[-30 to 30 / 0 / 1 deg/step]
021	Control Time 1:B4	*ENG	[0 to 300 / 0 / 1 sec/step]
022	Control Time 2:B4	*ENG	[0 to 300 / 10 / 1 sec/step]
023	Temp.:Center:1:B4	*ENG	[-30 to 30 / 0 / 1 deg/step]
024	Temp.:End:1:B4	*ENG	[-30 to 30 / 25 / 1 deg/step]
025	Temp.:Center:2:B4	*ENG	[-30 to 30 / 0 / 1 deg/step]
026	Temp.:End:2:B4	*ENG	[-30 to 30 / 25 / 1 deg/step]
031	Control Time 1:LT	*ENG	[0 to 300 / 0 / 1 sec/step]

032	Control Time 2:LT	*ENG	[0 to 300 / 0 / 1sec/step]
033	Temp.:Center:1:LT	*ENG	[-30 to 30 / 6 / 1deg/step]
034	Temp.:End:1:LT	*ENG	[-30 to 30 / <b>21</b> / 1deg/step]
035	Temp.:Center:2:LT	*ENG	[-30 to 30 / 6 / 1deg/step]
036	Temp.:End:2:LT	*ENG	[-30 to 30 / 21 / 1deg/step]
041	Control Time 1:A3,DLT:Energy Saving	*ENG	[0 to 300 / 0 / 1sec/step]
042	Control Time 2:A3,DLT:Energy Saving	*ENG	[0 to 300 / 40 / 1sec/step]
043	Temp.:Center:1:A3,DLT:Energy Saving	*ENG	[-30 to 30 / 0 / 1deg/step]
044	Temp.:End:1:A3,DLT:Energy Saving	*ENG	[-30 to 30 / 0 / 1deg/step]
045	Temp.:Center:2:A3,DLT:Energy Saving	*ENG	[-30 to 30 / 9 / 1deg/step]
046	Temp.:End:2:A3,DLT:Energy Saving	*ENG	[-30 to 30 / 9 / 1deg/step]
051	Control Time 1:A4	*ENG	[0 to 300 / 0 / 1sec/step]
052	Control Time 2:A4	*ENG	[0 to 300 / 120 / 1sec/step]
053	Temp.:Center:1:A4	*ENG	[-30 to 30 / 0 / 1deg/step]
054	Temp.:End:1:A4	*ENG	[-30 to 30 / <b>0</b> / 1deg/step]
055	Temp.:Center:2:A4	*ENG	[-30 to 30 / <b>0</b> / 1deg/step]
056	Temp.:End:2:A4	*ENG	[-30 to 30 / -30 / 1deg/step]
061	Control Time 1:A3:M-thick	*ENG	[0 to 300 / 0 / 1sec/step]
062	Control Time 2:A3:M-thick	*ENG	[0 to 300 / 0 / 1sec/step]
063	Temp.:Center:1:A3:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
064	Temp.:End:1:A3:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
065	Temp.:Center:2:A3:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
066	Temp.:End:2:A3:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
071	Control Time 1:DLT:M-thick	*ENG	[0 to 300 / 60 / 1sec/step]
072	Control Time 2:DLT:M-thick	*ENG	[0 to 300 / 60 / 1sec/step]
073	Temp.:Center:1:DLT:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]

074	Temp.:End:1:DLT:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
075	Temp.:Center:2:DLT:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
076	Temp.:End:2:DLT:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
081	Control Time 1:Envelope:Long	*ENG	[0 to 300 / 0 / 1sec/step]
082	Control Time 2:Envelope:Long	*ENG	[0 to 300 / 0 / 1sec/step]
083	Temp.:Center:1:Envelope:Long	*ENG	[-30 to 30 / 0 / 1deg/step]
084	Temp.:End:1:Envelope:Long	*ENG	[-30 to 30 / 10 / 1deg/step]
085	Temp.:Center:2:Envelope:Long	*ENG	[-30 to 30 / 0 / 1deg/step]
086	Temp.:End:2:Envelope:Long	*ENG	[-30 to 30 / 10 / 1deg/step]
091	Control Time 1:Envelope:Short	*ENG	[0 to 300 / 0 / 1sec/step]
092	Control Time 2:Envelope:Short	*ENG	[0 to 300 / 0 / 1sec/step]
093	Temp.:Center:1:Envelope:Short	*ENG	[-30 to 30 / 0 / 1deg/step]
094	Temp.:End:1:Envelope:Short	*ENG	[-30 to 30 / 0 / 1deg/step]
095	Temp.:Center:2:Envelope:Short	*ENG	[-30 to 30 / 0 / 1deg/step]
096	Temp.:End:2:Envelope:Short	*ENG	[-30 to 30 / 0 / 1deg/step]
101	Control Time 1:B5	*ENG	[0 to 300 / 0 / 1sec/step]
102	Control Time 2:B5	*ENG	[0 to 300 / 0 / 1sec/step]
103	Temp.:Center:1:B5	*ENG	[-30 to 30 / 0 / 1deg/step]
104	Temp.:End:1:B5	*ENG	[-30 to 30 / 5 / 1deg/step]
105	Temp.:Center:2:B5	*ENG	[-30 to 30 / 0 / 1deg/step]
106	Temp.:End:2:B5	*ENG	[-30 to 30 / 5 / 1deg/step]
111	Control Time 1:12inch	*ENG	[0 to 300 / 0 / 1sec/step]
112	Control Time 2:12inch	*ENG	[0 to 300 / 0 / 1sec/step]
113	Temp.:Center:1:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
114	Temp.:End:1:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
115	Temp.:Center:2:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]

116	Temp.:End:2:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
121	Control Time 1:12inch:M-thick	*ENG	[0 to 300 / 0 / 1sec/step]
122	Control Time 2:12inch:M-thick	*ENG	[0 to 300 / 0 / 1sec/step]
123	Temp.:Center:1:12inch:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
124	Temp.:End:1:12inch:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
125	Temp.:Center:2:12inch:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
126	Temp.:End:2:12inch:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
131	Control Time 1:SRA3	*ENG	[0 to 300 / 0 / 1sec/step]
132	Control Time 2:SRA3	*ENG	[0 to 300 / 6 / 1sec/step]
133	Temp.:Center:1:SRA3	*ENG	[-30 to 30 / 0 / 1deg/step]
134	Temp.:End:1:SRA3	*ENG	[-30 to 30 / 25 / 1deg/step]
135	Temp.:Center:2:SRA3	*ENG	[-30 to 30 / 0 / 1deg/step]
136	Temp.:End:2:SRA3	*ENG	[-30 to 30 / 25 / 1deg/step]
141	Control Time 1:SRA3:M-thick	*ENG	[0 to 300 / 0 / 1sec/step]
142	Control Time 2:SRA3:M-thick	*ENG	[0 to 300 / 3 / 1sec/step]
143	Temp.:Center:1:SRA3:M-thick	*ENG	[-30 to 30 / 6 / 1deg/step]
144	Temp.:End:1:SRA3:M-thick	*ENG	[-30 to 30 / 6 / 1deg/step]
145	Temp.:Center:2:SRA3:M-thick	*ENG	[-30 to 30 / 8 / 1deg/step]
146	Temp.:End:2:SRA3:M-thick	*ENG	[-30 to 30 / 8 / 1deg/step]
151	Control Time 1:DLT:Low	*ENG	[0 to 300 / 0 / 1sec/step]
152	Control Time 2:DLT:Low	*ENG	[0 to 300 / 0 / 1sec/step]
153	Temp.:Center:1:DLT:Low	*ENG	[-30 to 30 / 0 / 1deg/step]
154	Temp.:End:1:DLT:Low	*ENG	[-30 to 30 / 5 / 1deg/step]
155	Temp.:Center:2:DLT:Low	*ENG	[-30 to 30 / 0 / 1deg/step]
156	Temp.:End:2:DLT:Low	*ENG	[-30 to 30 / 5 / 1deg/step]
161	Control Time 1:DLT:M-thick:Low	*ENG	[0 to 300 / 0 / 1sec/step]

162	Control Time 2:DLT:M-thick:Low	*ENG	[0 to 300 / 0 / 1sec/step]
163	Temp.:Center:1:DLT:M-thick:Low	*ENG	[-30 to 30 / 0 / 1deg/step]
164	Temp.:End:1:DLT:M-thick:Low	*ENG	[-30 to 30 / 5 / 1deg/step]
165	Temp.:Center:2:DLT:M-thick:Low	*ENG	[-30 to 30 / 0 / 1deg/step]
166	Temp.:End:2:DLT:M-thick:Low	*ENG	[-30 to 30 / 5 / 1deg/step]

1118	[Before Job Temp. Correct] DFU		
001	Temp.:Center:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
002	Temp.:End:12inch	*ENG	[-30 to 30 / 0 / 1deg/step]
003	Temp.:Center:A3	*ENG	[-30 to 30 / 0 / 1deg/step]
004	Temp.:End:A3	*ENG	[-30 to 30 / 0 / 1deg/step]
005	Temp.:Center:DLT	*ENG	[-30 to 30 / 0 / 1deg/step]
006	Temp.:End:DLT	*ENG	[-30 to 30 / 0 / 1deg/step]
007	Temp.:Center:SRA3	*ENG	[-30 to 30 / 0 / 1deg/step]
008	Temp.:End:SRA3	*ENG	[-30 to 30 / 20 / 1deg/step]
011	Temp.:Center:12inch:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
012	Temp.:End:12inch:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
013	Temp.:Center:A3:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
014	Temp.:End:A3:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
015	Temp.:Center:DLT:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
016	Temp.:End:DLT:M-thick	*ENG	[-30 to 30 / 0 / 1deg/step]
017	Temp.:Center:SRA3:M-thick	*ENG	[-30 to 30 / 6 / 1deg/step]
018	Temp.:End:SRA3:M-thick	*ENG	[-30 to 30 / 6 / 1deg/step]
021	Temp.:Center:12inch:Thick	*ENG	[-30 to 30 / 0 / 1deg/step]
022	Temp.:End:12inch:Thick	*ENG	[-30 to 30 / 0 / 1deg/step]
023	Temp.:Center:A3:Thick	*ENG	[-30 to 30 / 0 / 1deg/step]

024	Temp.:End:A3:Thick	*ENG	[-30 to 30 / 0 / 1deg/step]
025	Temp.:Center:DLT:Thick	*ENG	[-30 to 30 / 0 / 1deg/step]
026	Temp.:End:DLT:Thick	*ENG	[-30 to 30 / 0 / 1deg/step]
027	Temp.:Center:SRA3:Thick	*ENG	[-30 to 30 / 0 / 1deg/step]
028	Temp.:End:SRA3:Thick	*ENG	[-30 to 30 / 20 / 1deg/step]

1119	[Aging Temp. Correction]		
001	Page(%)	*ENG	[0 to 100 / 10 / 1%/step]
002	Rotation(%)	*ENG	[0 to 100 / 10 / 1%/step]
011	Temp.:Plain:FC	*ENG	[0 to 20 / 0 / 1deg/step]
012	Temp.:Plain:BW	*ENG	[0 to 20 / 0 / 1deg/step]
013	Temp.:Plain:Energy Saving	*ENG	[0 to 20 / 10 / 1deg/step]

1121	[Switch:Rotation Start/Stop] DFU		
001	Time:After Reload	*ENG	[0 to 100 / 60 / 1sec/step]
002	Time:After Recovery	*ENG	[0 to 100 / 15 / 1sec/step]
003	Time:After Job	*ENG	[0 to 100 / 60 / 1sec/step]
004	Press Temp.:After Reload	*ENG	[0 to 160 / 160 / 1deg/step]
005	End Temp.:After Job:SRA3	*ENG	[0 to 250 / 200 / 1deg/step]
006	-	*ENG	[0 to 250 / 200 / 1deg/step]
007	-	*ENG	[0 to 250 / 200 / 1deg/step]
008	Overshoot Prevent Temp.	*ENG	[0 to 250 / 185 / 1deg/step]
009	Overshoot Prevent Time	*ENG	[0 to 100 / 10 / 1sec/step]
010	End Temp.:After Job:B4	*ENG	[0 to 250 / 143 / 1deg/step]
011	End Temp.:After Job:LT	*ENG	[0 to 250 / 210 (NA, TW), 153 (EU, AS, CHN, KOR) / 1deg/step]
012	End Temp.:After Job:B5	*ENG	[0 to 250 / 155 / 1deg/step]



013	End Temp.:After Job:A5	*ENG	[0 to 250 / 155 / 1deg/step]
014	End Temp.:After Job:B6	*ENG	[0 to 250 / 145 / 1deg/step]
015	-	*ENG	[0 to 250 / 145 / 1deg/step]
016	-	*ENG	[0 to 250 / 200 / 1deg/step]
017	-	*ENG	[0 to 250 / 200 / 1deg/step]
018	-	*ENG	[0 to 250 / 200 / 1deg/step]
019	-	*ENG	[0 to 250 / 148 / 1deg/step]
020	-	*ENG	[0 to 250 / 215 (NA, TW), 153 (EU, AS, CHN, KOR) / 1deg/step]
021	Time:After Main Switch On	*ENG	[0 to 250 / 60 / 1deg/step]
022	-	*ENG	[0 to 250 / 160 / 1deg/step]
023	-	*ENG	[0 to 250 / 160 / 1deg/step]
024	-	*ENG	[0 to 250 / 150 / 1deg/step]
025	-	*ENG	[0 to 250 / 150 / 1deg/step]
031	-	*ENG	[0 to 10000 / 10000 / 1sec/step]
032	-	*ENG	[0 to 100 / 0 / 1sec/step]
033	-	*ENG	[0 to 10000 / 10000 / 1sec/step]
034	-	*ENG	[0 to 100 / 0 / 1sec/step]
035	-	*ENG	[0 to 10000 / <b>235</b> / 1sec/step]
036	-	*ENG	[0 to 100 / D146:15, D147:15, D148:10, D149:10, D150:10 / 1sec/step]
037	-	*ENG	[0 to 10000 / D146:250, D147:250, D148:10000, D149:10000, D150:10000 / 1sec/step]
038	-	*ENG	[0 to 100 / D146:10, D147:10, D148:0, D149:0, D150:0 / 1sec/step]
039	-	*ENG	[0 to 10000 / <b>180</b> / 1sec/step]

040	-	*ENG	[0 to 100 / 15 / 1sec/step]
041	-	*ENG	[0 to 10000 / <b>31</b> / 1sec/step]
042	-	*ENG	[0 to 100 / 20 / 1sec/step]
043	-	*ENG	[0 to 10000 / <b>27</b> / 1sec/step]
044	-	*ENG	[0 to 100 / 25 / 1sec/step]
045	-	*ENG	[0 to 10000 / 80 / 1sec/step]
046	-	*ENG	[0 to 100 / 10 / 1sec/step]
051	-	*ENG	[0 to 10000 / 10000 / 1sec/step]
052	-	*ENG	[0 to 100 / 0 / 1sec/step]
053	-	*ENG	[0 to 10000 / 10000 / 1sec/step]
054	-	*ENG	[0 to 100 / 0 / 1sec/step]
055	-	*ENG	[0 to 10000 / <b>235</b> / 1sec/step]
056	-	*ENG	[0 to 100 / 10 / 1sec/step]
057	-	*ENG	[0 to 10000 / 250 / 1sec/step]
058	-	*ENG	[0 to 100 / 5 / 1sec/step]
059	-	*ENG	[0 to 10000 / <b>180</b> / 1sec/step]
060	-	*ENG	[0 to 100 / 10 / 1sec/step]
061	-	*ENG	[0 to 10000 / <b>31</b> / 1sec/step]
062	-	*ENG	[0 to 100 / 20 / 1sec/step]
063	-	*ENG	[0 to 10000 / <b>27</b> / 1sec/step]
064	-	*ENG	[0 to 100 / 20 / 1sec/step]
065	-	*ENG	[0 to 10000 / 80 / 1sec/step]
066	-	*ENG	[0 to 100 / 5 / 1sec/step]
101	Heat Off Time:Start:Warm Up	*ENG	[0 to 60000 / 0 / 1msec/step]
102	Heat Off Time:Start:End of A Control	*ENG	[0 to 600000 / 100000 / 1msec/step]

103	-	*ENG	[0 to 200 / 0 / 1sec/step]
111	Heat Off Time:Stop:After Reload/ Print Ready	*ENG	[0 to 60000 / 0 / 1msec/step]
112	Heat Off Time:Stop:After Job	*ENG	[0 to 60000 / 0 / 1msec/step]
113	Heat Off Time:Stop:After Job:Energy Saving	*ENG	[0 to 60000 / 0 / 1msec/step]
114	Relay ON Temp.:Warm Up	*ENG	[0 to 250 / 200 / 1deg/step]

1122	[Standby Rotation Setting] DFU		
001	Rotation Interval	*ENG	[0 to 240 / 60 / 1 min]
002	Rotation Time	*ENG	[0.0 to 60.0 / <b>0.8</b> / 0.1 sec/step]

1123	[Paper Jam Rotation Setting] DFU		
001	Normal Rotation Distance	*ENG	[0 to 10000 / 75 / 1mm/step]
002	Reverse Rotation Distance	*ENG	[0 to 10000 / 75 / 1mm/step]

1124	[CPM Down Setting] DFU		
001	High:Down Temp.	*ENG	[-50 to 0 / -30 / 1deg/step]
002	High:Up Temp.	*ENG	[-50 to 0 / -15 / 1deg/step]
003	Low :1st CPM	*ENG	[10 to 100 / 80 / 1%/step]
004	Low :2nd CPM	*ENG	[10 to 100 / 65 / 1%/step]
005	Low :3rd CPM	*ENG	[10 to 100 / 50 / 1%/step]
006	High:1st CPM	*ENG	[10 to 100 / 80 / 1%/step]
007	High:2nd CPM	*ENG	[10 to 100 / 50 / 1%/step]
008	High:3rd CPM	*ENG	[10 to 100 / 30 / 1%/step]
009	High:1st CPM Down Temp.:A3:Press End	*ENG	[100 to 250 / 205 / 1deg/step]
010	High:2nd CPM Down Temp.:A3:Press End	*ENG	[100 to 250 / 210 / 1deg/step]

011	High:3rd CPM Down Temp.:A3:Press End	*ENG	[100 to 250 / 215 / 1deg/step]
012	High:1st CPM Down Temp.:DLT:Press End	*ENG	[100 to 250 / 195 / 1deg/step]
013	High:2nd CPM Down Temp.:DLT:Press End	*ENG	[100 to 250 / 200 / 1deg/step]
014	High:3rd CPM Down Temp.:DLT:Press End	*ENG	[100 to 250 / 205 / 1deg/step]
015	High:1st CPM Down Temp.:B4:Press End	*ENG	[100 to 250 / 200 / 1deg/step]
016	High:2nd CPM Down Temp.:B4:Press End	*ENG	[100 to 250 / 210 / 1deg/step]
017	High:3rd CPM Down Temp.:B4:Press End	*ENG	[100 to 250 / 215 / 1deg/step]
018	High:1st CPM Down Temp.:LT:Fuser End	*ENG	[100 to 250 / 215 / 1deg/step]
019	High:2nd CPM Down Temp.:LT:Fuser End	*ENG	[100 to 250 / 220 / 1deg/step]
020	High:3rd CPM Down Temp.:LT:Fuser End	*ENG	[100 to 250 / 225 / 1deg/step]
021	High:1st CPM Down Temp.:A4:Fuser End	*ENG	[100 to 250 / 215 / 1deg/step]
022	High:2nd CPM Down Temp.:A4:Fuser End	*ENG	[100 to 250 / 220 / 1deg/step]
023	High:3rd CPM Down Temp.:A4:Fuser End	*ENG	[100 to 250 / 225 / 1deg/step]
024	High:1st CPM Down Temp.:B5:Press Center	*ENG	[100 to 250 / 205 / 1deg/step]
025	High:2nd CPM Down Temp.:B5:Press Center	*ENG	[100 to 250 / 210 / 1deg/step]
026	High:3rd CPM Down Temp.:B5:Press Center	*ENG	[100 to 250 / 220 / 1deg/step]

027	High:1st CPM Down Temp.:A5:Press Center	*ENG	[100 to 250 / 170 / 1deg/step]
028	High:2nd CPM Down Temp.:A5:Press Center	*ENG	[100 to 250 / 180 / 1deg/step]
029	High:3rd CPM Down Temp.:A5:Press Center	*ENG	[100 to 250 / 210 / 1deg/step]
030	High:1st CPM Down Temp.:B6:Press Center	*ENG	[100 to 250 / 170 / 1deg/step]
031	High:2nd CPM Down Temp.:B6:Press Center	*ENG	[100 to 250 / 180 / 1deg/step]
032	High:3rd CPM Down Temp.:B6:Press Center	*ENG	[100 to 250 / 210 / 1deg/step]
033	High:1st CPM Down Temp.:A6:Press Center	*ENG	[100 to 250 / 170 / 1deg/step]
034	High:2nd CPM Down Temp.:A6:Press Center	*ENG	[100 to 250 / 180 / 1deg/step]
035	High:3rd CPM Down Temp.:A6:Press Center	*ENG	[100 to 250 / 210 / 1deg/step]
036	High:1st CPM Down Temp.:SRA3:Press End	*ENG	[100 to 250 / 210 / 1deg/step]
037	High:2nd CPM Down Temp.:SRA3:Press End	*ENG	[100 to 250 / 215 / 1deg/step]
038	High:3rd CPM Down Temp.:SRA3:Press End	*ENG	[100 to 250 / 220 / 1deg/step]
051	Judging Interval	*ENG	[1 to 250 / 4 / 1sec/step]
101	High:1st CPM Down Time:A3	*ENG	[0 to 10000 / 10000 / 1sec/step]
102	High:2nd CPM Down Time:A3	*ENG	[0 to 10000 / 10000 / 1sec/step]
103	High:3rd CPM Down Time:A3	*ENG	[0 to 10000 / 10000 / 1sec/step]
104	High:1st CPM Down Time:DLT	*ENG	[0 to 10000 / 10000 / 1sec/step]
105	High:2nd CPM Down Time:DLT	*ENG	[0 to 10000 / 10000 / 1sec/step]

106	High:3rd CPM Down Time:DLT	*ENG	[0 to 10000 / 10000 / 1 sec/step]
107	High:1st CPM Down Time:B4	*ENG	[0 to 10000 / 10000 / 1 sec/step]
108	High:2nd CPM Down Time:B4	*ENG	[0 to 10000 / 10000 / 1 sec/step]
109	High:3rd CPM Down Time:B4	*ENG	[0 to 10000 / 10000 / 1 sec/step]
110	High:1st CPM Down Time:LT	*ENG	[0 to 10000 / 10000 / 1 sec/step]
111	High:2nd CPM Down Time:LT	*ENG	[0 to 10000 / 10000 / 1 sec/step]
112	High:3rd CPM Down Time:LT	*ENG	[0 to 10000 / 10000 / 1 sec/step]
113	High:1st CPM Down Time:A4	*ENG	[0 to 10000 / 10000 / 1 sec/step]
114	High:2nd CPM Down Time:A4	*ENG	[0 to 10000 / 10000 / 1 sec/step]
115	High:3rd CPM Down Time:A4	*ENG	[0 to 10000 / 10000 / 1 sec/step]
116	High:1st CPM Down Time:B5	*ENG	[0 to 10000 / 10000 / 1 sec/step]
117	High:2nd CPM Down Time:B5	*ENG	[0 to 10000 / 10000 / 1 sec/step]
118	High:3rd CPM Down Time:B5	*ENG	[0 to 10000 / 10000 / 1 sec/step]
119	High:1st CPM Down Time:A5	*ENG	[0 to 10000 / 10000 / 1 sec/step]
120	High:2nd CPM Down Time:A5	*ENG	[0 to 10000 / 10000 / 1 sec/step]
121	High:3rd CPM Down Time:A5	*ENG	[0 to 10000 / 10000 / 1 sec/step]
122	High:1st CPM Down Time:B6	*ENG	[0 to 10000 / 10000 / 1 sec/step]
123	High:2nd CPM Down Time:B6	*ENG	[0 to 10000 / 10000 / 1 sec/step]
124	High:3rd CPM Down Time:B6	*ENG	[0 to 10000 / 10000 / 1 sec/step]
125	High:1st CPM Down Time:A6	*ENG	[0 to 10000 / 10000 / 1 sec/step]
126	High:2nd CPM Down Time:A6	*ENG	[0 to 10000 / 10000 / 1 sec/step]
127	High:3rd CPM Down Time:A6	*ENG	[0 to 10000 / 10000 / 1 sec/step]
128	High:1st CPM Down Time:SRA3	*ENG	[0 to 10000 / 10000 / 1 sec/step]
129	High:2nd CPM Down Time:SRA3	*ENG	[0 to 10000 / 10000 / 1 sec/step]
130	High:3rd CPM Down Time:SRA3	*ENG	[0 to 10000 / 10000 / 1 sec/step]

151	High:1st CPM Down Time:A3:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
152	High:2nd CPM Down Time:A3:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
153	High:3rd CPM Down Time:A3:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
154	High:1st CPM Down Time:DLT:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
155	High:2nd CPM Down Time:DLT:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
156	High:3rd CPM Down Time:DLT:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
157	High:1st CPM Down Time:B4:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
158	High:2nd CPM Down Time:B4:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
159	High:3rd CPM Down Time:B4:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
160	High:1st CPM Down Time:LT:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
161	High:2nd CPM Down Time:LT:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
162	High:3rd CPM Down Time:LT:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
163	High:1st CPM Down Time:A4:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
164	High:2nd CPM Down Time:A4:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
165	High:3rd CPM Down Time:A4:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
166	High:1st CPM Down Time:B5:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]

167	High:2nd CPM Down Time:B5:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
168	High:3rd CPM Down Time:B5:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
169	High:1st CPM Down Time:A5:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
170	High:2nd CPM Down Time:A5:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
171	High:3rd CPM Down Time:A5:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
172	High:1st CPM Down Time:B6:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
173	High:2nd CPM Down Time:B6:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
174	High:3rd CPM Down Time:B6:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
175	High:1st CPM Down Time:A6:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
176	High:2nd CPM Down Time:A6:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
177	High:3rd CPM Down Time:A6:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
178	High:1st CPM Down Time:SRA3:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
179	High:2nd CPM Down Time:SRA3:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
180	High:3rd CPM Down Time:SRA3:Low Speed	*ENG	[0 to 10000 / 10000 / 1sec/step]
201	Low:Down Temp.	*ENG	[-50 to 0 / -30 / 1deg/step]
202	Low:Up Temp.	*ENG	[-50 to 0 / -15 / 1deg/step]

1125	[CPM Down Setting] DFU
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001	High:1st CPM:A3:Large Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
002	High:2nd CPM:A3:Large Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
003	High:3rd CPM:A3:Large Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
004	High:1st CPM:A3:Small Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
005	High:2nd CPM:A3:Small Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
006	High:3rd CPM:A3:Small Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
007	High:1st CPM:DLT:Large Size:Normal Speed	*ENG	[0 to 100 / <b>80</b> / 1%/step]
008	High:2nd CPM:DLT:Large Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
009	High:3rd CPM:DLT:Large Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
010	High:1st CPM:DLT:Small Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
011	High:2nd CPM:DLT:Small Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
012	High:3rd CPM:DLT:Small Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
013	High:1st CPM:B4:Large Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
014	High:2nd CPM:B4:Large Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
015	High:3rd CPM:B4:Large Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
016	High:1st CPM:B4:Small Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]

017	High:2nd CPM:B4:Small Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
018	High:3rd CPM:B4:Small Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
019	High:1st CPM:LT:Large Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
020	High:2nd CPM:LT:Large Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
021	High:3rd CPM:LT:Large Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
022	High:1st CPM:LT:Small Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
023	High:2nd CPM:LT:Small Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
024	High:3rd CPM:LT:Small Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
025	High:1st CPM:A4:Large Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
026	High:2nd CPM:A4:Large Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
027	High:3rd CPM:A4:Large Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
028	High:1st CPM:A4:Small Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
029	High:2nd CPM:A4:Small Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
030	High:3rd CPM:A4:Small Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
031	High:1st CPM:B5:Large Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
032	High:2nd CPM:B5:Large Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]

033	High:3rd CPM:B5:Large Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
034	High:1st CPM:B5:Small Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
035	High:2nd CPM:B5:Small Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
036	High:3rd CPM:B5:Small Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
037	High:1st CPM:A5:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
038	High:2nd CPM:A5:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
039	High:3rd CPM:A5:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
040	High:1st CPM:B6:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
041	High:2nd CPM:B6:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
042	High:3rd CPM:B6:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
043	High:1st CPM:A6:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
044	High:2nd CPM:A6:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
045	High:3rd CPM:A6:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
046	High:1st CPM:SRA3:Large Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
047	High:2nd CPM:SRA3:Large Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
048	High:3rd CPM:SRA3:Large Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]
049	High:1st CPM:SRA3:Small Size:Normal Speed	*ENG	[0 to 100 / 80 / 1%/step]
050	High:2nd CPM:SRA3:Small Size:Normal Speed	*ENG	[0 to 100 / 50 / 1%/step]
051	High:3rd CPM:SRA3:Small Size:Normal Speed	*ENG	[0 to 100 / 30 / 1%/step]

101	High:1st CPM:A3:Large Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
102	High:2nd CPM:A3:Large Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
104	High:1st CPM:A3:Small Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
105	High:2nd CPM:A3:Small Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
107	High:1st CPM:DLT:Large Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
108	High:2nd CPM:DLT:Large Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
110	High:1st CPM:DLT:Small Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
111	High:2nd CPM:DLT:Small Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
113	High:1st CPM:B4:Large Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
114	High:2nd CPM:B4:Large Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
116	High:1st CPM:B4:Small Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
117	High:2nd CPM:B4:Small Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
119	High:1st CPM:LT:Large Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
120	High:2nd CPM:LT:Large Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
122	High:1st CPM:LT:Small Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
123	High:2nd CPM:LT:Small Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]

125	High:1st CPM:A4:Large Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
126	High:2nd CPM:A4:Large Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
128	High:1st CPM:A4:Small Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
129	High:2nd CPM:A4:Small Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
131	High:1st CPM:B5:Large Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
132	High:2nd CPM:B5:Large Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
134	High:1st CPM:B5:Small Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
135	High:2nd CPM:B5:Small Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
137	High:1st CPM:A5:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
138	High:2nd CPM:A5:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
140	High:1st CPM:B6:Middle Speed	*ENG	[0 to 100 / 60 / 1%/step]
141	High:2nd CPM:B6:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
143	High:1st CPM:A6:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
144	High:2nd CPM:A6:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
145	High:1st CPM:SRA3:Large Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
146	High:2nd CPM:SRA3:Large Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]
147	High:1st CPM:SRA3:Small Size:Middle Speed	*ENG	[0 to 100 / 80 / 1%/step]
148	High:2nd CPM:SRA3:Small Size:Middle Speed	*ENG	[0 to 100 / 50 / 1%/step]

201	High: 1st CPM:A3:Large Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
204	High: 1st CPM:A3:Small Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
207	High: 1st CPM:DLT:Large Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
210	High: 1st CPM:DLT:Small Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
213	High: 1st CPM:B4:Large Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
216	High: 1st CPM:B4:Small Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
219	High: 1st CPM:LT:Large Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
222	High: 1st CPM:LT:Small Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
225	High: 1st CPM:A4:Large Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
228	High: 1st CPM:A4:Small Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
231	High: 1st CPM:B5:Large Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
234	High: 1st CPM:B5:Small Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
237	High: 1st CPM:A5:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
240	High: 1st CPM:B6:Low Speed	*ENG	[0 to 100 / 50 / 1%/step]
243	High: 1st CPM:A6:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
244	High: 1st CPM:SRA3:Large Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]
245	High: 1st CPM:SRA3:Small Size:Low Speed	*ENG	[0 to 100 / 80 / 1%/step]

1126	[Heating Start Delay] DFU		
001	Judgement Temp 1	ENG	[0 to 180 / 30 / 1deg/step]
002	Judgement Temp 2	ENG	[0 to 180 / 32 / 1deg/step]
003	Judgement Temp 3	ENG	[00 to 180 / 45 / 1deg/step]
011	Set TimeA: Div 1	ENG	[0 to 10000 / 1100 (NA, TW), 1500 (EU, AS, CHN, KOR) / 1msec/step]
012	Set TimeA: Div 2	ENG	[0 to 10000 / 1600 (NA, TW), 2200 (EU, AS, CHN, KOR) / 1msec/step]
013	Set TimeA: Div 3	ENG	[0 to 10000 / 1900 (NA, TW), 2500 (EU, AS, CHN, KOR) / 1msec/step]
014	Set TimeA: Div 4	ENG	[0 to 10000 / 1100 (NA, TW), 1500 (EU, AS, CHN, KOR) / 1msec/step]
021	Delay Time: Div 1	ENG	[0 to 10000 / 1100 (NA, TW), 1500 (EU, AS, CHN, KOR) / 1msec/step]
022	Delay Time: Div 2	ENG	[0 to 10000 / 1600 (NA, TW), 2200 (EU, AS, CHN, KOR) / 1msec/step]
023	Delay Time: Div 3	ENG	[0 to 10000 / 1900 (NA, TW), 2500 (EU, AS, CHN, KOR) / 1msec/step]
024	Delay Time: Div 4	ENG	[0 to 10000 / 1100 (NA, TW), 1500 (EU, AS, CHN, KOR) / 1msec/step]

1127	[Energy Saving PprFeed Judgment] DFU		
001	Judging Method Change	ENG	[0 or 1 / 1 / 1/step] 0: Off 1: On
002	Temp.: Threshold: Press	ENG	[0 to 200 / D146:50, D147:60, D148:70, D149:70, D150:70 / 1deg/step]
003	Temp.: Threshold: Atmosphere	ENG	[0 to 200 / 60 / 1deg/step]
004	Power Supply Voltage: Lower	ENG	[0 to 300 / 108 (NA), 102 (TW), 206 (EU, AS, CHN, KOR) / 1V/step]

005	Power Supply Voltage: Upper	ENG	[0 to 300 / 126 (NA, TW), 252 (EU, AS, CHN, KOR) / 1V/step]
006	Judgment Time-Out	ENG	[0.0 to 10.0 / 10.0 / 0.1sec/step]

1131	[Continuous Print Mode Switch] DFU		
001	Feed Permit Condition	*ENG	[0 to 2 / 1 / 1/step] 0: <b>Productivity Mode</b> 1: Fusing Quality Mode 2: Fusing Quality Mode 2

1132	[Maximum Duty Switch] DFU		
001	Control Method Switch	*ENG	[0 or 1 / 0 / 1/step] 0: Fixed Duty 1: AutoOffstCtl

1133	[Voltage Detection] DFU		
001	Voltage Detection	*ENG	[0.0 to 350.0 / 0.0 / 0.1V/step]

1134	[Effective Duty Adjustment] DFU		
001	Control Method Switch	*ENG	[0 or 1 / 0 / 1/step] 0: OFF 1: ON

1135	[Inrush Control]		
001	Inrush Control	*ENG	[0 or 1 / 0 / 1/step] 0: Normal (Do not) 1: Inrush current suppress (Do) DFU
002	Flicker Control	*ENG	[- / 0 / -] [Execute]



1141	[Fusing SC Error Time Info]		
001	SC Number	*ENG	[0 to 99999 / 0 / 1/step]
	Display occurring SC.		
101	Htg Roller:Ctr Det1	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: center: occurred time.		
102	Htg Roller:End Det1	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is detect temp.: center: occurred time.		
103	Press Roller:Ctr Det1	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is ambience temp.: center: occurred time.		
104	Press Roller:End Det1	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: edge: occurred time.		
151	Htg Roller:Ctr Det2	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: center: 1 cycle a head of occurred time.		
152	Htg Roller:End Det2	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is detect temp.: center: 1 cycle a head of occurred time.		
153	Press Roller:Ctr Det2	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is ambience temp.: center: 1 cycle a head of occurred time.		
154	Press Roller:End Det2	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: edge: 1 cycle a head of occurred time.		

201	Htg Roller:Ctr Det3	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: center: 2 cycle a head of occurred time.		
202	Htg Roller:End Det3	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is detect temp.: center: 2 cycle a head of occurred time.		
203	Press Roller:Ctr Det3	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is ambience temp.: center: 2 cycle a head of occurred time.		
204	Press Roller:End Det3	*ENG	[-5 to 300 / 0 / 1deg/step]
	Display detailed conditions when SC occur. Displayed content is calculate temp.: edge: 2 cycle a head of occurred time.		

1142	[Fusing Jam Detection]		
001	SC Display	*ENG	[0 or 1 / 0 / 1/step] 0: OFF 1: ON
	Display SC or not when detecting a fusing jam 3 times in a roll.		

1151	[Pressure Setting] DFU		
001	Pressure Change ON/OFF	*ENG	[0 or 1 / 0 / 1/step] 0: OFF 1: ON
002	Pressure Time1	*ENG	[0 to 10000 / 70 / 10msec/step]
003	Pressure Time2	*ENG	[0 to 10000 / 70 / 10msec/step]
005	Depressure Time	*ENG	[0 to 10000 / 0 / 10msec/step]
010	Shift Time:Energy Saving	*ENG	[0 to 3600 / 0 / 1sec/step]
011	Shift Time	*ENG	[0 to 3600 / 60 / 1sec/step]
051	Rotary speed	*ENG	[-12.8 to 12.7 / 0.0 / 0.1%/step]

101	Pressure:Plain1/2	*ENG	[0 to 3 / 2 / 1/step]
102	Pressure:Thin	*ENG	[0 to 3 / 2 / 1/step]
103	Pressure:M-thick	*ENG	[0 to 3 / 2 / 1/step]
104	Pressure:Thick1	*ENG	[0 to 3 / 2 / 1/step]
105	Pressure:Thick2	*ENG	[0 to 3 / 2 / 1/step]
106	Pressure:Thick3	*ENG	[0 to 3 / 2 / 1/step]
107	Pressure:Special1	*ENG	[0 to 3 / 2 / 1/step]
108	Pressure:Special2	*ENG	[0 to 3 / 2 / 1/step]
109	Pressure:Special3	*ENG	[0 to 3 / 2 / 1/step]
110	Pressure:Envelope	*ENG	[0 to 3 / 2 / 1/step]
131	Pressure:Special1:Middle Speed	*ENG	[0 to 3 / 2 / 1/step]
132	Pressure:Special2:Middle Speed	*ENG	[0 to 3 / 2 / 1/step]
133	Pressure:Special3:Middle Speed	*ENG	[0 to 3 / 2 / 1/step]
151	Pressure:Plain1/2:Low Speed	*ENG	[0 to 3 / 2 / 1/step]
152	Pressure:M-thick:Low Speed	*ENG	[0 to 3 / 2 / 1/step]
153	Pressure:Thick1:Low Speed	*ENG	[0 to 3 / 2 / 1/step]
154	Pressure:Special1:Low Speed	*ENG	[0 to 3 / 2 / 1/step]
155	Pressure:Special2:Low Speed	*ENG	[0 to 3 / 2 / 1/step]
156	Pressure:Plain1/2:Glossy	*ENG	[0 to 3 / 2 / 1/step]
157	Pressure:M-thick:Glossy	*ENG	[0 to 3 / 2 / 1/step]
158	Pressure:OHP	*ENG	[0 to 3 / 2 / 1/step]
159	Pressure:Envelope:Low Speed	*ENG	[0 to 3 / 2 / 1/step]
160	Pressure:Thin:Low Speed	*ENG	[0 to 3 / 2 / 1/step]
161	Pressure:Thick4	*ENG	[0 to 3 / 2 / 1/step]
162	Pressure:Postcard	*ENG	[0 to 3 / 2 / 1/step]
163	Pressure:Special3:Low Speed	*ENG	[0 to 3 / 2 / 1/step]

201	Filler Edge Detection Counter	ENG	[0 to 9000000 / 0 / 1/step]
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1152	[Fusing Nip Band Check]		
001	Execute	ENG	[0 or 1 / 0 / 1/step]
	Measure nip.		
002	Pre-idling Time	*ENG	[0 to 999 / 300 / 1sec/step] DFU
003	Stop Time	*ENG	[0 to 100 / 20 / 1sec/step] DFU
004	Pressure Position	*ENG	[1 to 2 / 2 / 1/step] DFU

1153	[Abnormal Noise Confirmation] DFU		
001	Unit: Execute	ENG	[0 or 1 / 0 / 1/step]
003	Operation Line Speed	ENG	[0 to 2 / 0 / 1/step] 0: Std Speed 1: Mid Speed 2: Low Speed
004	Operation Time	ENG	[0 to 240 / 60 / 1sec/step]
005	Heat Center Target Temp	ENG	[100 to 180 / 130 / 1deg/step]
006	Heat End Target Temp	ENG	[100 to 180 / 130 / 1deg/step]
007	Press Target Temp	ENG	[0 to 200 / 0 / 1deg/step]

1154	[Switch:Rotation Start/Stop] DFU		
001	Judging Method Change	*ENG	[0 or 1 / 0 / 1/step] 0: On 1: Off
005	-	*ENG	[0 to 250 / 50 / 10msec/step]
006	Overshoot Prevent Temp.:SC	*ENG	[0 to 250 / 185 / 1deg/step]

1155	[Small Size Paper Control] DFU		
001	Print Width	ENG	[0 to 300 / 0 / 1mm/step]

1155	[Short Heater Control] DFU		
011	Feed Permit Temp.:delta:Center	ENG	[0 to 200 / 5 / 1deg/step]
012	Feed Permit Temp.:delta:Press	ENG	[0 to 200 / 100 / 1deg/step]
013	Feed Permit Rotation Time	ENG	[0 to 100 / 0 / 1deg/step]
021	After Job End Temp.:Center	ENG	[0 to 200 / 5 / 1sec/step]
022	After Job End Temp.:End	ENG	[0 to 200 / 5 / 1sec/step]
023	Shading Plate Retry Volume	ENG	[0 to 60 / 0 / 1pulse/step]

1157	[Overshoot Prevent Control] DFU		
001	Decision Time	*ENG	[0 to 100 / 5 / 1sec/step]
002	Decision Temp.	*ENG	[0 to 250 / <b>185</b> / 1deg/step]
003	-	*ENG	[0 to 300 / 15 / 1sec/step]

1161	[Shading Plate Control] DFU		
001	Judgment Temp A	ENG	[0 to 250 / 250 / 1deg/step]
002	Judgment Temp B	ENG	[0 to 250 / 250 / 1deg/step]
003	Position Transition Time	ENG	[0 to 10000 / 1000 / 1msec/step]
004	After Transition Time Out	ENG	[0 to 20000 / 0 / 1msec/step]

1162	[Shading Plate Control] DFU		
001	Shading Position Temp: 12inch: 1	ENG	[0 to 250 / 155 / 1deg/step]
002	Shading Position Temp: 12inch: 2	ENG	[0 to 250 / 165 / 1deg/step]
003	Shading Position Temp: 12inch: 3	ENG	[0 to 250 / 175 / 1deg/step]
004	Shading Position Temp: A3: 1	ENG	[0 to 250 / 155 / 1deg/step]

005	Shading Position Temp: A3: 2	ENG	[0 to 250 / 165 / 1deg/step]
006	Shading Position Temp: A3: 3	ENG	[0 to 250 / 175 / 1deg/step]
007	Shading Position Temp: DLT: 1	ENG	[0 to 250 / 150 / 1deg/step]
008	Shading Position Temp: DLT: 2	ENG	[0 to 250 / 160 / 1deg/step]
009	Shading Position Temp: DLT: 3	ENG	[0 to 250 / 170 / 1deg/step]
010	Shading Position Temp: B4: 1	ENG	[0 to 250 / 150 / 1deg/step]
011	Shading Position Temp: B4: 2	ENG	[0 to 250 / 160 / 1deg/step]
012	Shading Position Temp: B4: 3	ENG	[0 to 250 / 170 / 1deg/step]
013	Shading Position Temp: LT: 1	ENG	[0 to 250 / 250 / 1deg/step]
014	Shading Position Temp: LT: 2	ENG	[0 to 250 / 250 / 1deg/step]
015	Shading Position Temp: LT: 3	ENG	[0 to 250 / 250 / 1deg/step]
016	Shading Position Temp: A4: 1	ENG	[0 to 250 / 250 / 1deg/step]
017	Shading Position Temp: A4: 2	ENG	[0 to 250 / 250 / 1deg/step]
018	Shading Position Temp: A4: 3	ENG	[0 to 250 / 250 / 1deg/step]
019	Shading Position Temp: B5: 1	ENG	[0 to 250 / 250 / 1deg/step]
020	Shading Position Temp: B5: 2	ENG	[0 to 250 / 250 / 1deg/step]
021	Shading Position Temp: B5: 3	ENG	[0 to 250 / 250 / 1deg/step]
022	Shading Position Temp: A5: 1	ENG	[0 to 250 / 250 / 1deg/step]
023	Shading Position Temp: A5: 2	ENG	[0 to 250 / 250 / 1deg/step]
024	Shading Position Temp: A5: 3	ENG	[0 to 250 / 250 / 1deg/step]
025	Shading Position Temp: B6: 1	ENG	[0 to 250 / 165 / 1deg/step]
026	Shading Position Temp: B6: 2	ENG	[0 to 250 / 165 / 1deg/step]
027	Shading Position Temp: B6: 3	ENG	[0 to 250 / 165 / 1deg/step]
028	Shading Position Temp: DLEnv: 1	ENG	[0 to 250 / 165 / 1deg/step]
029	Shading Position Temp: DLEnv: 2	ENG	[0 to 250 / 165 / 1deg/step]
030	Shading Position Temp: DLEnv: 3	ENG	[0 to 250 / 165 / 1deg/step]

031	Shading Position Temp: COM10: 1	ENG	[0 to 250 / 165 / 1deg/step]
032	Shading Position Temp: COM10: 2	ENG	[0 to 250 / 165 / 1deg/step]
033	Shading Position Temp: COM10: 3	ENG	[0 to 250 / 165 / 1deg/step]
034	Shading Position Temp: Postcard: 1	ENG	[0 to 250 / 165 / 1deg/step]
035	Shading Position Temp: Postcard: 2	ENG	[0 to 250 / 165 / 1deg/step]
036	Shading Position Temp: Postcard: 3	ENG	[0 to 250 / 165 / 1deg/step]
037	Shading Position Temp: 12inch: 4	ENG	[0 to 250 / 180 / 1deg/step]
038	Shading Position Temp: 12inch: 5	ENG	[0 to 250 / 185 / 1deg/step]
039	Shading Position Temp: 12inch: 6	ENG	[0 to 250 / 190 / 1deg/step]
040	Shading Position Temp: 12inch: 7	ENG	[0 to 250 / 195 / 1deg/step]
041	Shading Position Temp: 12inch: 8	ENG	[0 to 250 / 200 / 1deg/step]
042	Shading Position Temp: A3: 4	ENG	[0 to 250 / 180 / 1deg/step]
043	Shading Position Temp: A3: 5	ENG	[0 to 250 / 185 / 1deg/step]
044	Shading Position Temp: A3: 6	ENG	[0 to 250 / 190 / 1deg/step]
045	Shading Position Temp: A3: 7	ENG	[0 to 250 / 195 / 1deg/step]
046	Shading Position Temp: A3: 8	ENG	[0 to 250 / 200 / 1deg/step]
047	Shading Position Temp: DLT: 4	ENG	[0 to 250 / 180 / 1deg/step]
048	Shading Position Temp: DLT: 5	ENG	[0 to 250 / 185 / 1deg/step]
049	Shading Position Temp: DLT: 6	ENG	[0 to 250 / 190 / 1deg/step]
050	Shading Position Temp: DLT: 7	ENG	[0 to 250 / 195 / 1deg/step]
051	Shading Position Temp: DLT: 8	ENG	[0 to 250 / 200 / 1deg/step]
052	Shading Position Temp: B4: 4	ENG	[0 to 250 / 180 / 1deg/step]

053	Shading Position Temp: B4: 5	ENG	[0 to 250 / 185 / 1deg/step]
054	Shading Position Temp: B4: 6	ENG	[0 to 250 / 190 / 1deg/step]
055	Shading Position Temp: B4: 7	ENG	[0 to 250 / 195 / 1deg/step]
056	Shading Position Temp: B4: 8	ENG	[0 to 250 / 200 / 1deg/step]
057	Shading Position Temp: LT: 4	ENG	[0 to 250 / 250 / 1deg/step]
058	Shading Position Temp: LT: 5	ENG	[0 to 250 / 250 / 1deg/step]
059	Shading Position Temp: LT: 6	ENG	[0 to 250 / 250 / 1deg/step]
060	Shading Position Temp: LT: 7	ENG	[0 to 250 / 250 / 1deg/step]
061	Shading Position Temp: LT: 8	ENG	[0 to 250 / 250 / 1deg/step]
062	Shading Position Temp: A4: 4	ENG	[0 to 250 / 250 / 1deg/step]
063	Shading Position Temp: A4: 5	ENG	[0 to 250 / 250 / 1deg/step]
064	Shading Position Temp: A4: 6	ENG	[0 to 250 / 250 / 1deg/step]
065	Shading Position Temp: A4: 7	ENG	[0 to 250 / 250 / 1deg/step]
066	Shading Position Temp: A4: 8	ENG	[0 to 250 / 250 / 1deg/step]
067	Shading Position Temp: B5: 4	ENG	[0 to 250 / 250 / 1deg/step]
068	Shading Position Temp: B5: 5	ENG	[0 to 250 / 250 / 1deg/step]
069	Shading Position Temp: B5: 6	ENG	[0 to 250 / 250 / 1deg/step]
070	Shading Position Temp: B5: 7	ENG	[0 to 250 / 250 / 1deg/step]
071	Shading Position Temp: B5: 8	ENG	[0 to 250 / 250 / 1deg/step]
072	Shading Position Temp: A5: 4	ENG	[0 to 250 / 250 / 1deg/step]
073	Shading Position Temp: A5: 5	ENG	[0 to 250 / 250 / 1deg/step]
074	Shading Position Temp: A5: 6	ENG	[0 to 250 / 250 / 1deg/step]
075	Shading Position Temp: A5: 7	ENG	[0 to 250 / 250 / 1deg/step]
076	Shading Position Temp: A5: 8	ENG	[0 to 250 / 250 / 1deg/step]
077	Shading Position Temp: B6: 4	ENG	[0 to 250 / 165 / 1deg/step]
078	Shading Position Temp: B6: 5	ENG	[0 to 250 / 165 / 1deg/step]



079	Shading Position Temp: B6: 6	ENG	[0 to 250 / 165 / 1deg/step]
080	Shading Position Temp: B6: 7	ENG	[0 to 250 / 165 / 1deg/step]
081	Shading Position Temp: B6: 8	ENG	[0 to 250 / 165 / 1deg/step]
082	Shading Position Temp: DLEnv: 4	ENG	[0 to 250 / 165 / 1deg/step]
083	Shading Position Temp: DLEnv: 5	ENG	[0 to 250 / 165 / 1deg/step]
084	Shading Position Temp: DLEnv: 6	ENG	[0 to 250 / 165 / 1deg/step]
085	Shading Position Temp: DLEnv: 7	ENG	[0 to 250 / 165 / 1deg/step]
086	Shading Position Temp: DLEnv: 8	ENG	[0 to 250 / 165 / 1deg/step]
087	Shading Position Temp: COM10: 4	ENG	[0 to 250 / 165 / 1deg/step]
088	Shading Position Temp: COM10: 5	ENG	[0 to 250 / 165 / 1deg/step]
089	Shading Position Temp: COM10: 6	ENG	[0 to 250 / 165 / 1deg/step]
090	Shading Position Temp: COM10: 7	ENG	[0 to 250 / 165 / 1deg/step]
091	Shading Position Temp: COM10: 8	ENG	[0 to 250 / 165 / 1deg/step]
092	Shading Position Temp: Postcard: 4	ENG	[0 to 250 / 165 / 1deg/step]
093	Shading Position Temp: Postcard: 5	ENG	[0 to 250 / 165 / 1deg/step]
094	Shading Position Temp: Postcard: 6	ENG	[0 to 250 / 165 / 1deg/step]
095	Shading Position Temp: Postcard: 7	ENG	[0 to 250 / 165 / 1deg/step]
096	Shading Position Temp: Postcard: 8	ENG	[0 to 250 / 165 / 1deg/step]
121	Shading Position Temp: SRA3: 1	ENG	[0 to 250 / 250 / 1deg/step]
122	Shading Position Temp: SRA3: 2	ENG	[0 to 250 / 250 / 1deg/step]

123	Shading Position Temp: SRA3: 3	ENG	[0 to 250 / 250 / 1deg/step]
124	Shading Position Temp: SRA3: 4	ENG	[0 to 250 / 250 / 1deg/step]
125	Shading Position Temp: SRA3: 5	ENG	[0 to 250 / 250 / 1deg/step]
126	Shading Position Temp: SRA3: 6	ENG	[0 to 250 / 250 / 1deg/step]
127	Shading Position Temp: SRA3: 7	ENG	[0 to 250 / 250 / 1deg/step]
128	Shading Position Temp: SRA3: 8	ENG	[0 to 250 / 250 / 1deg/step]
201	Shading Position Temp: 12inch: Clear	ENG	[0 to 250 / 0 / 1deg/step]
202	Shading Position Temp: A3: Clear	ENG	[0 to 250 / 0 / 1deg/step]
203	Shading Position Temp: DLT: Clear	ENG	[0 to 250 / 0 / 1deg/step]
204	Shading Position Temp: B4: Clear	ENG	[0 to 250 / 0 / 1deg/step]
205	Shading Position Temp: LT: Clear	ENG	[0 to 250 / 0 / 1deg/step]
206	Shading Position Temp: A4: Clear	ENG	[0 to 250 / 0 / 1deg/step]
207	Shading Position Temp: B5: Clear	ENG	[0 to 250 / 0 / 1deg/step]
208	Shading Position Temp: A5: Clear	ENG	[0 to 250 / 0 / 1deg/step]
209	Shading Position Temp: B6: Clear	ENG	[0 to 250 / 0 / 1deg/step]
210	Shading Position Temp: DLEnv: Clear	ENG	[0 to 250 / 0 / 1deg/step]
211	Shading Position Temp: COM10: Clear	ENG	[0 to 250 / 0 / 1deg/step]
212	Shading Position Temp: Postcard: Clear	ENG	[0 to 250 / 0 / 1deg/step]
213	Shading Position Temp: SRA3: Clear	ENG	[0 to 250 / 0 / 1deg/step]

1163	[Shading Plate Control] DFU		
001	Shading Position Time: 12inch: 1	ENG	[0 to 10000 / 14 / 1sec/step]
002	Shading Position Time: 12inch: 2	ENG	[0 to 10000 / 27 / 1sec/step]

003	Shading Position Time: 12inch: 3	ENG	[0 to 10000 / 53 / 1sec/step]
004	Shading Position Time: A3: 1	ENG	[0 to 10000 / 10000 / 1sec/step]
005	Shading Position Time: A3: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
006	Shading Position Time: A3: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
007	Shading Position Time: DLT: 1	ENG	[0 to 10000 / 10000 / 1sec/step]
008	Shading Position Time: DLT: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
009	Shading Position Time: DLT: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
010	Shading Position Time: B4: 1	ENG	[0 to 10000 / 10000 / 1sec/step]
011	Shading Position Time: B4: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
012	Shading Position Time: B4: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
013	Shading Position Time: LT: 1	ENG	[0 to 10000 / 10000 / 1sec/step]
014	Shading Position Time: LT: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
015	Shading Position Time: LT: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
016	Shading Position Time: A4: 1	ENG	[0 to 10000 / 10000 / 1sec/step]
017	Shading Position Time: A4: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
018	Shading Position Time: A4: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
019	Shading Position Time: B5: 1	ENG	[0 to 10000 / 10000 / 1sec/step]
020	Shading Position Time: B5: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
021	Shading Position Time: B5: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
022	Shading Position Time: A5: 1	ENG	[0 to 10000 / 10000 / 1sec/step]
023	Shading Position Time: A5: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
024	Shading Position Time: A5: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
025	Shading Position Time: B6: 1	ENG	[0 to 10000 / 5 / 1sec/step]
026	Shading Position Time: B6: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
027	Shading Position Time: B6: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
028	Shading Position Time: DLEnv: 1	ENG	[0 to 10000 / 5 / 1sec/step]

029	Shading Position Time: DLEnv: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
030	Shading Position Time: DLEnv: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
031	Shading Position Time: COM10: 1	ENG	[0 to 10000 / 5 / 1sec/step]
032	Shading Position Time: COM10: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
033	Shading Position Time: COM10: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
034	Shading Position Time: Postcard: 1	ENG	[0 to 10000 / 5 / 1sec/step]
035	Shading Position Time: Postcard: 2	ENG	[0 to 10000 / 10000 / 1sec/step]
036	Shading Position Time: Postcard: 3	ENG	[0 to 10000 / 10000 / 1sec/step]
037	Shading Position Time: 12inch: 4	ENG	[0 to 10000 / 10000 / 1sec/step]
038	Shading Position Time: 12inch: 5	ENG	[0 to 10000 / 10000 / 1sec/step]
039	Shading Position Time: 12inch: 6	ENG	[0 to 10000 / 10000 / 1sec/step]
040	Shading Position Time: 12inch: 7	ENG	[0 to 10000 / 10000 / 1sec/step]
041	Shading Position Time: 12inch: 8	ENG	[0 to 10000 / 10000 / 1sec/step]
042	Shading Position Time: A3: 4	ENG	[0 to 10000 / 10000 / 1sec/step]
043	Shading Position Time: A3: 5	ENG	[0 to 10000 / 10000 / 1sec/step]
044	Shading Position Time: A3: 6	ENG	[0 to 10000 / 10000 / 1sec/step]
045	Shading Position Time: A3: 7	ENG	[0 to 10000 / 10000 / 1sec/step]
046	Shading Position Time: A3: 8	ENG	[0 to 10000 / 10000 / 1sec/step]
047	Shading Position Time: DLT: 4	ENG	[0 to 10000 / 10000 / 1sec/step]
048	Shading Position Time: DLT: 5	ENG	[0 to 10000 / 10000 / 1sec/step]
049	Shading Position Time: DLT: 6	ENG	[0 to 10000 / 10000 / 1sec/step]
050	Shading Position Time: DLT: 7	ENG	[0 to 10000 / 10000 / 1sec/step]
051	Shading Position Time: DLT: 8	ENG	[0 to 10000 / 10000 / 1sec/step]
052	Shading Position Time: B4: 4	ENG	[0 to 10000 / 10000 / 1sec/step]

053	Shading Position Time: B4: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]
054	Shading Position Time: B4: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
055	Shading Position Time: B4: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
056	Shading Position Time: B4: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
057	Shading Position Time: LT: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
058	Shading Position Time: LT: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]
059	Shading Position Time: LT: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
060	Shading Position Time: LT: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
061	Shading Position Time: LT: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
062	Shading Position Time: A4: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
063	Shading Position Time: A4: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]
064	Shading Position Time: A4: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
065	Shading Position Time: A4: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
066	Shading Position Time: A4: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
067	Shading Position Time: B5: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
068	Shading Position Time: B5: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]
069	Shading Position Time: B5: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
070	Shading Position Time: B5: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
071	Shading Position Time: B5: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
072	Shading Position Time: A5: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
073	Shading Position Time: A5: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]
074	Shading Position Time: A5: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
075	Shading Position Time: A5: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
076	Shading Position Time: A5: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
077	Shading Position Time: B6: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
078	Shading Position Time: B6: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]

079	Shading Position Time: B6: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
080	Shading Position Time: B6: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
081	Shading Position Time: B6: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
082	Shading Position Time: DLEnv: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
083	Shading Position Time: DLEnv: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]
084	Shading Position Time: DLEnv: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
085	Shading Position Time: DLEnv: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
086	Shading Position Time: DLEnv: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
087	Shading Position Time: COM10: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
088	Shading Position Time: COM10: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]
089	Shading Position Time: COM10: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
090	Shading Position Time: COM10: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
091	Shading Position Time: COM10: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
092	Shading Position Time: Postcard: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
093	Shading Position Time: Postcard: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]
094	Shading Position Time: Postcard: 6	ENG	[0 to 10000 / 10000 / 1 sec/step]
095	Shading Position Time: Postcard: 7	ENG	[0 to 10000 / 10000 / 1 sec/step]
096	Shading Position Time: Postcard: 8	ENG	[0 to 10000 / 10000 / 1 sec/step]
121	Shading Position Time: SRA3: 1	ENG	[0 to 10000 / 10000 / 1 sec/step]
122	Shading Position Time: SRA3: 2	ENG	[0 to 10000 / 10000 / 1 sec/step]
123	Shading Position Time: SRA3: 3	ENG	[0 to 10000 / 10000 / 1 sec/step]
124	Shading Position Time: SRA3: 4	ENG	[0 to 10000 / 10000 / 1 sec/step]
125	Shading Position Time: SRA3: 5	ENG	[0 to 10000 / 10000 / 1 sec/step]

126	Shading Position Time: SRA3: 6	ENG	[0 to 10000 / 10000 / 1sec/step]
127	Shading Position Time: SRA3: 7	ENG	[0 to 10000 / 10000 / 1sec/step]
128	Shading Position Time: SRA3: 8	ENG	[0 to 10000 / 10000 / 1sec/step]

1164	[Shading Plate Control] DFU		
001	Shading Position: 12inch: 1	ENG	[0 to 1000 / 37 / 1pluse/step]
002	Shading Position: 12inch: 2	ENG	[0 to 1000 / 77 / 1pluse/step]
003	Shading Position: 12inch: 3	ENG	[0 to 1000 / 117 / 1pluse/step]
004	Shading Position: A3: 1	ENG	[0 to 1000 / 37 / 1pluse/step]
005	Shading Position: A3: 2	ENG	[0 to 1000 / 77 / 1pluse/step]
006	Shading Position: A3: 3	ENG	[0 to 1000 / 117 / 1pluse/step]
007	Shading Position: DLT: 1	ENG	[0 to 1000 / 77 / 1pluse/step]
008	Shading Position: DLT: 2	ENG	[0 to 1000 / 127 / 1pluse/step]
009	Shading Position: DLT: 3	ENG	[0 to 1000 / 177 / 1pluse/step]
010	Shading Position: B4: 1	ENG	[0 to 1000 / 77 / 1pluse/step]
011	Shading Position: B4: 2	ENG	[0 to 1000 / 127 / 1pluse/step]
012	Shading Position: B4: 3	ENG	[0 to 1000 / 177 / 1pluse/step]
013	Shading Position: LT: 1	ENG	[0 to 1000 / 0 / 1pluse/step]
014	Shading Position: LT: 2	ENG	[0 to 1000 / 0 / 1pluse/step]
015	Shading Position: LT: 3	ENG	[0 to 1000 / 0 / 1pluse/step]
016	Shading Position: A4: 1	ENG	[0 to 1000 / 0 / 1pluse/step]
017	Shading Position: A4: 2	ENG	[0 to 1000 / 0 / 1pluse/step]
018	Shading Position: A4: 3	ENG	[0 to 1000 / 0 / 1pluse/step]
019	Shading Position: B5: 1	ENG	[0 to 1000 / 0 / 1pluse/step]
020	Shading Position: B5: 2	ENG	[0 to 1000 / 0 / 1pluse/step]
021	Shading Position: B5: 3	ENG	[0 to 1000 / 0 / 1pluse/step]

022	Shading Position: A5: 1	ENG	[0 to 1000 / 0 / 1pluse/step]
023	Shading Position: A5: 2	ENG	[0 to 1000 / 0 / 1pluse/step]
024	Shading Position: A5: 3	ENG	[0 to 1000 / 0 / 1pluse/step]
025	Shading Position: B6: 1	ENG	[0 to 1000 / 320 / 1pluse/step]
026	Shading Position: B6: 2	ENG	[0 to 1000 / 320 / 1pluse/step]
027	Shading Position: B6: 3	ENG	[0 to 1000 / 320 / 1pluse/step]
028	Shading Position: DLEnv: 1	ENG	[0 to 1000 / 320 / 1pluse/step]
029	Shading Position: DLEnv: 2	ENG	[0 to 1000 / 320 / 1pluse/step]
030	Shading Position: DLEnv: 3	ENG	[0 to 1000 / 320 / 1pluse/step]
031	Shading Position: COM10: 1	ENG	[0 to 1000 / 320 / 1pluse/step]
032	Shading Position: COM10: 2	ENG	[0 to 1000 / 320 / 1pluse/step]
033	Shading Position: COM10: 3	ENG	[0 to 1000 / 320 / 1pluse/step]
034	Shading Position: Postcard: 1	ENG	[0 to 1000 / 320 / 1pluse/step]
035	Shading Position: Postcard: 2	ENG	[0 to 1000 / 320 / 1pluse/step]
036	Shading Position: Postcard: 3	ENG	[0 to 1000 / 320 / 1pluse/step]
037	Shading Position: 12inch: 4	ENG	[0 to 1000 / 157 / 1pluse/step]
038	Shading Position: 12inch: 5	ENG	[0 to 1000 / 177 / 1pluse/step]
039	Shading Position: 12inch: 6	ENG	[0 to 1000 / 177 / 1pluse/step]
040	Shading Position: 12inch: 7	ENG	[0 to 1000 / 177 / 1pluse/step]
041	Shading Position: 12inch: 8	ENG	[0 to 1000 / 177 / 1pluse/step]
042	Shading Position: A3: 4	ENG	[0 to 1000 / 157 / 1pluse/step]
043	Shading Position: A3: 5	ENG	[0 to 1000 / 177 / 1pluse/step]
044	Shading Position: A3: 6	ENG	[0 to 1000 / 177 / 1pluse/step]
045	Shading Position: A3: 7	ENG	[0 to 1000 / 177 / 1pluse/step]
046	Shading Position: A3: 8	ENG	[0 to 1000 / 177 / 1pluse/step]
047	Shading Position: DLT: 4	ENG	[0 to 1000 / 177 / 1pluse/step]



048	Shading Position: DLT: 5	ENG	[0 to 1000 / 177 / 1pluse/step]
049	Shading Position: DLT: 6	ENG	[0 to 1000 / 177 / 1pluse/step]
050	Shading Position: DLT: 7	ENG	[0 to 1000 / 177 / 1pluse/step]
051	Shading Position: DLT: 8	ENG	[0 to 1000 / 177 / 1pluse/step]
052	Shading Position: B4: 4	ENG	[0 to 1000 / 177 / 1pluse/step]
053	Shading Position: B4: 5	ENG	[0 to 1000 / 177 / 1pluse/step]
054	Shading Position: B4: 6	ENG	[0 to 1000 / 177 / 1pluse/step]
055	Shading Position: B4: 7	ENG	[0 to 1000 / 177 / 1pluse/step]
056	Shading Position: B4: 8	ENG	[0 to 1000 / 177 / 1pluse/step]
057	Shading Position: LT: 4	ENG	[0 to 1000 / 0 / 1pluse/step]
058	Shading Position: LT: 5	ENG	[0 to 1000 / 0 / 1pluse/step]
059	Shading Position: LT: 6	ENG	[0 to 1000 / 0 / 1pluse/step]
060	Shading Position: LT: 7	ENG	[0 to 1000 / 0 / 1pluse/step]
061	Shading Position: LT: 8	ENG	[0 to 1000 / 0 / 1pluse/step]
062	Shading Position: A4: 4	ENG	[0 to 1000 / 0 / 1pluse/step]
063	Shading Position: A4: 5	ENG	[0 to 1000 / 0 / 1pluse/step]
064	Shading Position: A4: 6	ENG	[0 to 1000 / 0 / 1pluse/step]
065	Shading Position: A4: 7	ENG	[0 to 1000 / 0 / 1pluse/step]
066	Shading Position: A4: 8	ENG	[0 to 1000 / 0 / 1pluse/step]
067	Shading Position: B5: 4	ENG	[0 to 1000 / 0 / 1pluse/step]
068	Shading Position: B5: 5	ENG	[0 to 1000 / 0 / 1pluse/step]
069	Shading Position: B5: 6	ENG	[0 to 1000 / 0 / 1pluse/step]
070	Shading Position: B5: 7	ENG	[0 to 1000 / 0 / 1pluse/step]
071	Shading Position: B5: 8	ENG	[0 to 1000 / 0 / 1pluse/step]
072	Shading Position: A5: 4	ENG	[0 to 1000 / 0 / 1pluse/step]
073	Shading Position: A5: 5	ENG	[0 to 1000 / 0 / 1pluse/step]

074	Shading Position: A5: 6	ENG	[0 to 1000 / 0 / 1pluse/step]
075	Shading Position: A5: 7	ENG	[0 to 1000 / 0 / 1pluse/step]
076	Shading Position: A5: 8	ENG	[0 to 1000 / 0 / 1pluse/step]
077	Shading Position: B6: 4	ENG	[0 to 1000 / 320 / 1pluse/step]
078	Shading Position: B6: 5	ENG	[0 to 1000 / 320 / 1pluse/step]
079	Shading Position: B6: 6	ENG	[0 to 1000 / 320 / 1pluse/step]
080	Shading Position: B6: 7	ENG	[0 to 1000 / 320 / 1pluse/step]
081	Shading Position: B6: 8	ENG	[0 to 1000 / 320 / 1pluse/step]
082	Shading Position: DLEnv: 4	ENG	[0 to 1000 / 320 / 1pluse/step]
083	Shading Position: DLEnv: 5	ENG	[0 to 1000 / 320 / 1pluse/step]
084	Shading Position: DLEnv: 6	ENG	[0 to 1000 / 320 / 1pluse/step]
085	Shading Position: DLEnv: 7	ENG	[0 to 1000 / 320 / 1pluse/step]
086	Shading Position: DLEnv: 8	ENG	[0 to 1000 / 320 / 1pluse/step]
087	Shading Position: COM10: 4	ENG	[0 to 1000 / 320 / 1pluse/step]
088	Shading Position: COM10: 5	ENG	[0 to 1000 / 320 / 1pluse/step]
089	Shading Position: COM10: 6	ENG	[0 to 1000 / 320 / 1pluse/step]
090	Shading Position: COM10: 7	ENG	[0 to 1000 / 320 / 1pluse/step]
091	Shading Position: COM10: 8	ENG	[0 to 1000 / 320 / 1pluse/step]
092	Shading Position: Postcard: 4	ENG	[0 to 1000 / 320 / 1pluse/step]
093	Shading Position: Postcard: 5	ENG	[0 to 1000 / 320 / 1pluse/step]
094	Shading Position: Postcard: 6	ENG	[0 to 1000 / 320 / 1pluse/step]
095	Shading Position: Postcard: 7	ENG	[0 to 1000 / 320 / 1pluse/step]
096	Shading Position: Postcard: 8	ENG	[0 to 1000 / 320 / 1pluse/step]
121	Shading Position: SRA3: 1	ENG	[0 to 1000 / 0 / 1pluse/step]
122	Shading Position: SRA3: 2	ENG	[0 to 1000 / 0 / 1pluse/step]
123	Shading Position: SRA3: 3	ENG	[0 to 1000 / 0 / 1pluse/step]

124	Shading Position: SRA3: 4	ENG	[0 to 1000 / 0 / 1pulse/step]
125	Shading Position: SRA3: 5	ENG	[0 to 1000 / 0 / 1pulse/step]
126	Shading Position: SRA3: 6	ENG	[0 to 1000 / 0 / 1pulse/step]
127	Shading Position: SRA3: 7	ENG	[0 to 1000 / 0 / 1pulse/step]
128	Shading Position: SRA3: 8	ENG	[0 to 1000 / 0 / 1pulse/step]

1165	[Shading Plate Control] DFU		
001	-	*ENG	[0 or 1 / 0 / 1/step] 0: ON 1: OFF
101	Continuous Error Times	*ENG	[0 to 3 / 0 / 1/step]

1166	[MBD-CPM Down Setting] DFU		
001	Judging Method Change	*ENG	[0 to 3 / 0 / 1/step] 0: All Off 1: CPM Down:On 2: Job End Rotation:On 3: All On
002	Output Correction:MBD	*ENG	[80 to 120 / 100 / 1%/step]
003	Power Rate Control:MBD	*ENG	[0 to 100 / 51 / 1%/step]
004	Press Reference Temp.:MBD	*ENG	[0 to 250 / 85 / 1deg/step]
005	Calculation Cycle:MBD	*ENG	[1 to 5 / 1 (NA, TW), 2 (EU, AS, CHN, KOR) / 1sec/step]
006	Correction Coefficient 1:MBD	*ENG	[0 to 99 / 14 / 1/step]
007	Correction Coefficient 2:MBD	*ENG	[0 to 99 / 83 / 1/step]
008	Correction Coefficient 3:MBD	*ENG	[0 to 99 / 8 / 1/step]
009	Correction Coefficient 4:MBD	*ENG	[0 to 99 / 28 / 1/step]
010	Correction Coefficient 5:MBD	*ENG	[0 to 99 / 83 / 1/step]

011	Correction Coefficient 6:MBD	*ENG	[0 to 99 / 17 / 1/step]
021	Judgement Temp:MBD	*ENG	[0 to 500 / 270 / 1deg/step]
022	Cooling Time Set:MBD	*ENG	[0 to 99 / 10 / 1sec/step]
031	1st CPM Down Temp.:MBD	*ENG	[0 to 500 / 320 / 1deg/step]
032	2nd CPM Down Temp.:MBD	*ENG	[0 to 500 / 330 / 1deg/step]
033	3rd CPM Down Temp.:MBD	*ENG	[0 to 500 / 350 / 1deg/step]
034	1st CPM:MBD	*ENG	[0 to 100 / 85 / 1%/step]
035	2nd CPM:MBD	*ENG	[0 to 100 / 75 / 1%/step]
036	3rd CPM:MBD	*ENG	[0 to 100 / 50 / 1%/step]

1302	[Dbl-Feed Detect]		
	-		
001	Tray1	ENG	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
002	Tray2	ENG	
003	Tray3	ENG	
004	Tray4	ENG	
005	LCT	ENG	
006	Bypass Tray	ENG	

1306	[Paper Thickness Sensor Cal]		
	-		
001	Ave	*ENG	[-2000 to 2000 / 0 / 1um]
002	Max	*ENG	[-2000 to 2000 / 0 / 1um]
003	Min	*ENG	[-2000 to 2000 / 0 / 1um]

1309	[Dbl-Feed Detect Times]		
	-		
001	Tray1	ENG	[- / 0 / 1/step]

002	Tray2	ENG	[- / 0 / 1/step]
003	Tray3	ENG	[- / 0 / 1/step]
004	Tray4	ENG	[- / 0 / 1/step]
005	LCT	ENG	[- / 0 / 1/step]
006	Bypass Tray	ENG	[- / 0 / 1/step]

1311	[Paper Thickness Error Times]		
	-		
001	Tray1	ENG	[0 to 65535 / 0 / 1/step]
002	Tray2	ENG	[0 to 65535 / 0 / 1/step]
003	Tray3	ENG	[0 to 65535 / 0 / 1/step]
004	Tray4	ENG	[0 to 65535 / 0 / 1/step]
005	LCT	ENG	[0 to 65535 / 0 / 1/step]
006	Bypass Tray	ENG	[0 to 65535 / 0 / 1/step]

1313	[Paper Thickness Detect]		
	-		
001	ON/OFF	ENG	[0 or 1 / 1 / 0] 0: OFF 1: ON

1801	<b>[Motor Speed Adjust]</b> Setting for resolution of paper thickness sensor. (* No need to change)		
001	Feed CCW:Plain:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value is 73mm/s, 1200dpi mode		
002	Feed CCW:Plain:Std	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		

003	Feed CCW:Mid-thick:Std	*ENG	[-2.0 to 2.0 / 1.1 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
004	Feed CCW:Thick 1:Low	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
005	Feed CCW:Thick 1:Mid	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve.		
006	Feed CCW:Thick 2:Low	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
007	Feed CCW:Thick 3:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
008	Feed CCW:Thick 4:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
009	Feed CW:Plain:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value is 73mm/s, and 1200dpi mode		
010	Feed CW:Plain:Std	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
011	Feed CW:Mid-thick:Std	*ENG	[-2.0 to 2.0 / 1.1 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
012	Feed CW:Thick 1:Low	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		

013	Feed CW:Thick 1:Mid	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve.		
014	Feed CW:Thick 2:Low	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
015	Feed CW:Thick 3:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
016	Feed CW:Thick 4:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
017	Vertical Feed:Plain:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value is 73mm/s, 1200dpi mode		
018	Vertical Feed:Plain:Std	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value 146mm/s		
019	Vertical Feed:Mid-thick:Std	*ENG	[-2.0 to 2.0 / 1.1 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value 146mm/s		
020	Vertical Feed:Thick 1:Low	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value 73mm/s		
021	Vertical Feed:Thick 1:Mid	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve.		
022	Vertical Feed:Thick 2:Low	*ENG	[-2.0 to 2.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value 73mm/s		

023	Vertical Feed:Thick 3:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value 73mm/s		
024	Vertical Feed:Thick 4:Low	*ENG	[-2.0 to 2.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value 73mm/s		
025	Registration:Plain:Low	*ENG	[-2.0 to 2.0 / 0.3 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value is 73mm/s, 1200dpi mode		
026	Registration:Plain:Std	*ENG	[-2.0 to 2.0 / 0.3 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
027	Registration:Mid-thick:Std	*ENG	[-2.0 to 2.0 / 0.3 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
028	Registration:Thick 1:Low	*ENG	[-2.0 to 2.0 / 0.4 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
029	Registration:Thick 1:Mid	*ENG	[-2.0 to 2.0 / 0.4 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve.		
030	Registration:Thick 2:Low	*ENG	[-2.0 to 2.0 / 0.4 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
031	Registration:Thick 3:Low	*ENG	[-2.0 to 2.0 / 0.3 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
032	Registration:Thick 4:Low	*ENG	[-2.0 to 2.0 / 0.3 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		



033	Exit CCW:Plain:Low	*ENG	[-4.0 to 4.0 / -0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s, and 1200dpi mode		
034	Exit CCW:Plain:Std	*ENG	[-4.0 to 4.0 / -0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 146mm/s		
035	Exit CCW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / -0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 146mm/s		
036	Exit CCW:Thick1:Low	*ENG	[-4.0 to 4.0 / -0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
037	Exit CCW:Thick1:Mid	*ENG	[-4.0 to 4.0 / -0.6 / 0.1%/step]
	Prevents coat strips, waving, image sore.		
038	Exit CCW:Thick2:Low	*ENG	[-4.0 to 4.0 / -0.9 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
039	Exit CCW:Thick3:Low	*ENG	[-4.0 to 4.0 / -0.9 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
040	Exit CCW:Thick4:Low	*ENG	[-4.0 to 4.0 / -0.9 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
041	Reverse CW:Plain:Low	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value is 73mm/s, and 1200dpi mode		
042	Reverse CW:Plain:Std	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 146mm/s		
043	Reverse CW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / 0.5 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 146mm/s		
044	Reverse CW:Thick1:Low	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		

045	Reverse CW:Thick1:Mid	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore.		
046	Reverse CW:Thick2:Low	*ENG	[-4.0 to 4.0 / 0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
047	Reverse CW:Thick3:Low	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
048	Reverse CW:Thick4:Low	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
049	Reverse CCW:Plain:Low	*ENG	[-4.0 to 4.0 / -0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value is 73mm/s, and 1200dpi mode		
050	Reverse CCW:Plain:Std	*ENG	[-4.0 to 4.0 / -0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 146mm/s		
051	Reverse CCW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / -0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 146mm/s		
052	Reverse CCW:Thick1:Low	*ENG	[-4.0 to 4.0 / -0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
053	Reverse CCW:Thick1:Mid	*ENG	[-4.0 to 4.0 / -0.6 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 108mm/s		
054	Reverse CCW:Thick2:Low	*ENG	[-4.0 to 4.0 / -0.9 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value is 73mm/s		
055	Reverse CCW:Thick3:Low	*ENG	[-4.0 to 4.0 / -0.9 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value is 73mm/s		
056	Reverse CCW:Thick4:Low	*ENG	[-4.0 to 4.0 / -0.9 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value is 73mm/s		

057	Duplex Enter CW:Plain:Low	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflects adjusted value is 73mm/s, and 1200dpi mode		
058	Duplex Enter CW:Plain:Std	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 146mm/s		
059	Duplex Enter CW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / 0.5 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 146mm/s		
060	Duplex Enter CW:Thick1:Low	*ENG	[-4.0 to 4.0 / 0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
061	Duplex Enter CW:Thick1:Mid	*ENG	[-4.0 to 4.0 / 0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore.		
062	Duplex Enter CW:Thick2:Low	*ENG	[-4.0 to 4.0 / 0.8 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
063	Duplex Enter CW:Thick3:Low	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevents coat strips, waving, image sore. Reflect adjusted value is 73mm/s		
064	Duplex CW:Plain:Low	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value is 73mm/s, and 1200dpi mode		
065	Duplex CW:Plain:Std	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
066	Duplex CW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / 0.5 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
067	Duplex CW:Thick1:Low	*ENG	[-4.0 to 4.0 / 0.8 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		

068	Duplex CW:Thick1:Mid	*ENG	[-4.0 to 4.0 / 0.8 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve.		
069	Duplex CW:Thick2:Low	*ENG	[-4.0 to 4.0 / 0.8 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
070	Duplex CW:Thick3:Low	*ENG	[-4.0 to 4.0 / 0.7 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
071	Duplex CCW:Plain:Low	*ENG	[-4.0 to 4.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflects adjusted value is 73mm/s, and 1200dpi mode		
072	Duplex CCW:Plain:Std	*ENG	[-4.0 to 4.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
073	Duplex CCW:Mid-thick:Std	*ENG	[-4.0 to 4.0 / 1.1 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 146mm/s		
074	Duplex CCW:Thick1:Low	*ENG	[-4.0 to 4.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
075	Duplex CCW:Thick1:Mid	*ENG	[-4.0 to 4.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve.		
076	Duplex CCW:Thick2:Low	*ENG	[-4.0 to 4.0 / 1.2 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		
077	Duplex CCW:Thick3:Low	*ENG	[-4.0 to 4.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		

078	Duplex CCW:Thick4:Low	*ENG	[-4.0 to 4.0 / 0.9 / 0.1%/step]
	Prevent shock jitter by adjusting sub scan scale, scale error rate declination, image position accuracy improve. Reflect adjusted value is 73mm/s		

1801	[Relay Motor Speed Adjust]		
079	Low	ENG	[-4.0 to 4.0 / 0.0 / 0.1%/step]
	Fine tunes relay motor speed. low speed (Process 73 mm/s, paper exit speed up 108 mm/s)		
080	Mid	ENG	[-4.0 to 4.0 / 0.0 / 0.1%/step]
	Fine tunes relay motor speed. Middle speed (Process 108 mm/s, paper exit speed up 146 mm/s)		
081	Standard	ENG	[-4.0 to 4.0 / 0.0 / 0.1%/step]
	Fine tunes relay motor speed. low peed (Process 146 mm/s, paper exit speed up 256 mm/s)		

1801	[Motor Speed Adj.]		
100	Drum Adjust	*ENG	[0 or 1 / 1 / 1/step] 0:Off 1:On
	Selects ON/OFF of drum motor speed fine tune control.		
101	Offset:ColorOpcMot:Standard	*ENG	[-40 to 40 / 0 / 1 step/step]
	Sets offset amount of fine tuning drum motor speed 146mm/sec		
103	Offset:ColorOpcMot:Low	*ENG	[-40 to 40 / 0 / 1 step/step]
	Sets offset amount of fine tuning drum motor speed 73mm/sec		
106	ColorOpcMot:Standard	*ENG	[-40 to 40 / 0 / 1 step]
	Fine tunes motor speed 146mm/se		
108	ColorOpcMot:Low	*ENG	[-40 to 40 / 0 / 1 step]
	Fine tunes motor speed 73mm/sec		

115	ColorDevMot:Standard	*ENG	[-20.0 to 20.0 / -4.6 / 0.1%/step]
	Fine tunes motor speed 146mm/sec		
117	ColorDevMot:Low	*ENG	[-20.0 to 20.0 / -4.6 / 0.1%/step]
	Fine tunes motor speed 73mm/sec		
118	Fusing:Standard	*ENG	[-10.00 to 10.00 / -1.40 / 0.01%/step]
	Fine tunes motor speed 146mm/sec		
120	Fusing:Low	*ENG	[-10.00 to 10.00 / -1.00 / 0.01%/step]
	Fine tune motor speed when printing to paper with thickness except standard paper thickness 73mm/sec		
121	Fusing:Low:1200:Plain	*ENG	[-10.00 to 10.00 / -1.40 / 0.01%/step]
	Fine tune motor speed when printing to paper with thickness except standard paper thickness 73mm/sec		
122	OPCTransferMot:Standard	*ENG	[-4.00 to 4.00 / 0.20 / 0.01%/step]
	Fine tunes motor speed 146mm/sec		
124	OPCTransferMot:Low	*ENG	[-4.00 to 4.00 / 0.20 / 0.01%/step]
	Fine tunes motor speed 73mm/sec		
133	ColorOpcMot:Standard:independence	*ENG	[-4.00 to 4.00 / -0.20 / 0.01%/step]
	Fine tunes motor speed 146mm/sec		
135	ColorOpcMot:Low:independence	*ENG	[-4.00 to 4.00 / -0.20 / 0.01%/step]
	Fine tunes motor speed 73mm/sec		

1902	[Export Ladder Pattern]		
001	Execute	ENG	[0 or 1 / 0 / 1/step]
	Execution SP to write rudder pattern.		

1907	[Paper Feed Timing Adj.]		
029	By-pass Size Decision Timing	*ENG	[1 to 3 / 3 / 1/step]
	Adjusts waiting time till fix a size from size detector's output when paper is set with standard bypass or one action bypass function is OFF. Will have more time till start button to turn green when setting waiting time longer, but time for setting paper will also be loner. Side effect might occur such as paper feed starts before finish setting paper if waiting time is set shot.		

1950	[Fan Cooling Time Set] Sets fan operation time during after print standby.		
002	Dev Cooling Fan A	*ENG	[0.0 to 120.0 / 0.0 / 0.1min]
003	Dev Cooling Fan B	*ENG	
005	Ozone Fan	*ENG	
006	Fusing Fan	*ENG	
007	Paper Exit Cooling Fan	*ENG	
011	Electrical Cooling Fan	*ENG	

1951	[Fan Start Time Set] Sets fan operation start time when recover from engine off mode.		
002	Dev Cooling Fan A	*ENG	[0 to 900 / 120 / 1sec/step]
003	Dev Cooling Fan B	*ENG	
005	Ozone Fan	*ENG	
006	Fusing Fan	*ENG	
007	Paper Exit Cooling Fan	*ENG	
011	Electrical Cooling Fan	*ENG	

1952	[Fan Control Off Mode Time Set]		
001	-	*ENG	[0 to 60 / 10 / 1min./step]
	Sets off mode time till start fan control.		

1953	[Extra Fan Control]		
001	Extra Fan Cooling State	*ENG	[0 or 1 / 0 / 1/step] 0: Disable 1: Enable
	Displays current fan extend operation		
002	Execution Temp. Threshold	*ENG	[0.0 to 100.0 / 40.0 / 0.1deg/step]
	Sets judge time for to start fan extend operation.		
003	Cancellation Temp. Threshold	*ENG	[0.0 to 100.0 / 2.0 / 0.1deg/step]
	Sets temperature threshold (diff. value between fan extend start temp.) of when ending fan extend operation.		
004	Extra Fan Operation ON/OFF Setting	*ENG	[0 or 1 / 1 / 1/step] 0: disable 1: enable
	Sets enable/disable fan extend operation.		

1955	[Fan Control]		
003	Dev Cooling Fan A Op Sw Temp	*ENG	[0.0 to 100.0 / 1.0 / 0.1deg/step]
	Sets temperature threshold for when switching operation of imaging cooling fan A.		
004	Dev Cooling Fan B Op Sw Temp	*ENG	[0.0 to 100.0 / <b>34.2</b> / 0.1deg/step]
	Sets temperature threshold for when switching operation of imaging cooling fan B.		
006	Paper Exit Cooling Fan Low Temp Op Sw Temp	*ENG	[0.0 to 100.0 / 12.0 / 0.1deg/step]
	Sets temperature threshold for when switching operation during low temp. of paper exit cooling fan.		



007	Fusing Exit Fan Op Sw Temp	*ENG	[0.0 to 100.0 / 0.0/ 0.1deg/step]
	Sets temperature threshold for when switching operation of fusing exhaust heat fan.		
009	Ozone Fan Low Speed Op Sw Temp	*ENG	[0.0 to 100.0 / <b>34.0</b> / 0.1deg/step]
	Sets temperature threshold for when switching to low speed operation of fusing exhaust heat fan.		
010	Ozone Fan Middle Speed Op Sw Temp	*ENG	[0.0 to 100.0 / <b>35.0</b> / 0.1deg/step]
	Sets temperature threshold for when switching to middle speed operation of fusing exhaust heat fan.		
011	Ozone Fan High Speed Op Sw Temp	*ENG	[0.0 to 100.0 / <b>36.0</b> / 0.1deg/step]
	Sets temperature threshold for when switching to high speed operation of fusing exhaust heat fan.		
012	Ozone Fan Low Noise Op DUTY	*ENG	[0 to 100 / 20 / 1%/step]
	Sets working duty when running ozone fan quiet.		
013	Ozone Fan Low Speed Op DUTY	*ENG	[0 to 100 / 30 / 1%/step]
	Sets working duty when running ozone fan low speed..		
014	Ozone Fan Middle Speed Op DUTY	*ENG	[0 to 100 / 40 / 1%/step]
	Sets working duty when running ozone fan middle speed.		
015	Ozone Fan High Speed Op DUTY	*ENG	[0 to 100 / 40 / 1%/step]
	Sets working duty when running ozone fan high speed.		
016	Paper Exit Cooling Fan Op Start Time	*ENG	[0 to 900 / 300 / 1sec/step]
	Sets start operation time of paper exit cooling fan.		
017	Electrical Cooling Fan Op Start Time	*ENG	[0 to 900 / 300 / 1sec/step]
	Sets start operation time of electric system cooling fan.		

018	Fan Op Sw Temp Thres	*ENG	[0.0 to 100.0 / 2.0 / 0.1deg/step]
	Sets temperature threshold (diff. value between switching temp.) of when switching each fan.		
019	Paper Exit Cooling Fan Control Off Mode Time	*ENG	[0 to 60 / 10 / 1min./step]
	Sets off mode time till start paper exit cooling fan.		
020	Electrical Cooling Fan Control Off Mode Time	*ENG	[0 to 60 / 10 / 1min./step]
	Sets off mode time till electric system cooling fan.		

# Main SP Tables-2-1

## SP2-005 to 2-473 (Drum)

2005	[Charge DC Voltage: Fixed]		
	DC fixed voltage when Process control is off.		
001	Standard Speed: K	*ENG	[0 to 2000 / 1350 / 10-V/step]
002	Standard Speed: C	*ENG	[0 to 2000 / 1350 / 10-V/step]
003	Standard Speed: M	*ENG	
004	Standard Speed: Y	*ENG	
005	Middle Speed: K	*ENG	[0 to 2000 / 1350 / 10-V/step]
006	Middle Speed: C	*ENG	[0 to 2000 / 1350 / 10-V/step]
007	Middle Speed: M	*ENG	
008	Middle Speed: Y	*ENG	
009	Low Speed: K	*ENG	[0 to 2000 / 1350 / 10-V/step]
010	Low Speed: C	*ENG	[0 to 2000 / 1350 / 10-V/step]
011	Low Speed: M	*ENG	
012	Low Speed: Y	*ENG	
2005	[Charge DC Voltage: Correction]		
	Correction amount for AC center value.		
013	PCU: Standard Speed	*ENG	[-100 to 100 / 0 / 1-V/step]
014	PCU: Middle Speed	*ENG	
015	PCU: Low Speed	*ENG	
2005	[Charge DC Voltage: Correction]		
	Vc calculating coefficient of DC Electrify.		

018	Correction Coefficient a: K	*ENG	[0.000 to 2.000 / 1.000 / 0.001 / step]
019	Correction Coefficient a: C	*ENG	
020	Correction Coefficient a: M	*ENG	
021	Correction Coefficient a: Y	*ENG	
022	Correction Coefficient b: K	*ENG	[0 to 2000 / 700 / 1/step]
023	Correction Coefficient b: C	*ENG	[0 to 2000 / 700 / 1/step]
024	Correction Coefficient b: M	*ENG	
025	Correction Coefficient b: Y	*ENG	
026	Correction Coefficient c: K	*ENG	[0 to 100 / 0 / 1/step]
027	Correction Coefficient c: C	*ENG	
028	Correction Coefficient c: M	*ENG	
029	Correction Coefficient c: Y	*ENG	
2005	[Charge DC Voltage: Correction]		
	Temperature threshold of Electrify DC Voltage.		
030	Background Pot ProCon:ON/OFF setting	*ENG	[- / 1 / -]
031	ExeFlag:Background Pot ProCon	*ENG	[- / 0 / -]
032	Voltage Corr h:K:BGP ProCon	*ENG	[- / 0 / -]
033	Voltage Corr h:C:BGP ProCon	*ENG	[- / 0 / -]
034	Voltage Corr h:M:BGP ProCon	*ENG	[- / 0 / -]
035	Voltage Corr h:Y:BGP ProCon	*ENG	[- / 0 / -]
036	Voltage Corr h:Upper:BGP ProCon	*ENG	[- / 50 / -]
037	Bias Offset:Low Humidity:K:BGP ProCon	*ENG	[- / 50 / -]
038	Bias Offset:Low Humidity:CMY:BGP ProCon	*ENG	[- / 50 / -]

039	Bias Offset:Hi Humidity:K:BGP ProCon	*ENG	[- / 50 / -]
040	Bias Offset:Hi Humidity:CMY:BGP ProCon	*ENG	[- / 50 / -]
041	Pattern:Bias:BGP ProCon	*ENG	[- / 20 / -]
2005	[Charge DC Voltage: Correction]		
	0: Set to correction value using table. 1: Set to Fixed Value: Electrify DC Voltage of SP.		
043	DC Bias Fixed Value Set	*ENG	[0 or 1 / 0 / 1/step]
2005	[Charge DC Voltage: Correction]		
	Fixed value of Vc calculating coefficient for DC Electrify.		
044	Correction Coefficient a: Fixed K	*ENG	[0.000 to 2.000 / 1.000 / 0.001 / step]
045	Correction Coefficient a: Fixed C	*ENG	
046	Correction Coefficient a: Fixed M	*ENG	
047	Correction Coefficient a: Fixed Y	*ENG	
048	Correction Coefficient b: Fixed K	*ENG	[0 to 2000 / 700 / 1/step]
049	Correction Coefficient b: Fixed C	*ENG	[0 to 2000 / 700 / 1/step]
050	Correction Coefficient b: Fixed M	*ENG	
051	Correction Coefficient b: Fixed Y	*ENG	
052	Correction Coefficient c: Fixed K	*ENG	[0 to 100 / 0 / 1/step]
053	Correction Coefficient c: Fixed C	*ENG	[0 to 100 / 0 / 1/step]
054	Correction Coefficient c: Fixed M	*ENG	
055	Correction Coefficient c: Fixed Y	*ENG	
2005	[Charge DC Voltage: Correction]		
	Rotation distance considering by PCU life.		

056	Correction Rotation:Charge R: K	*ENG	[- to - / 0 /-]
057	Correction Rotation:Charge R: C	*ENG	
058	Correction Rotation:Charge R: M	*ENG	
059	Correction Rotation:Charge R: Y	*ENG	
2005	[Charge DC: Correction]		
	Rotation distance when detecting an old PCU.		
060	Correction Rotation : OPC R: K	*ENG	[- to - / 0 /-]
061	Correction Rotation : OPC R: C	*ENG	
062	Correction Rotation : OPC R: M	*ENG	
063	Correction Rotation : OPC R: Y	*ENG	
2005	[Charge DC Voltage: Correction]		
	Vc calculating coefficient of DC Electrify.		

089	Correction Coefficient Cd	*ENG	[-125 to 125 / 0 / 1-V/step] 20 12 5 0 0
090	Correction Coefficient Ce	*ENG	
091	Correction Coefficient Cf	*ENG	
092	Correction Coefficient Cg	*ENG	
093	Correction Coefficient Ch	*ENG	
094	Correction Coefficient Ci	*ENG	
095	Correction Coefficient Cj	*ENG	
096	Correction Coefficient Ck	*ENG	
097	Correction Coefficient Cl	*ENG	
098	Correction Coefficient Cm	*ENG	
099	Correction Coefficient Cn	*ENG	
100	Correction Coefficient Co	*ENG	
101	Correction Coefficient Cp	*ENG	
102	Correction Coefficient Cq	*ENG	
103	Correction Coefficient Cr	*ENG	[-125 to 125 / 0 / 1-V/step]
104	Correction Coefficient Cs	*ENG	
105	Correction Coefficient Ct	*ENG	
106	Correction Coefficient Cu	*ENG	
107	Correction Coefficient Cv	*ENG	
108	Correction Coefficient Cw	*ENG	
109	Correction Coefficient Cx	*ENG	

110	Correction Coefficient Cy	*ENG	[-125 to 125 / 0 / 1-V/step]
111	Correction Coefficient Cz	*ENG	
112	Correction Coefficient CAA	*ENG	
113	Correction Coefficient CAB	*ENG	
114	Correction Coefficient Md	*ENG	
115	Correction Coefficient Me	*ENG	
116	Correction Coefficient Mf	*ENG	
117	Correction Coefficient Mg	*ENG	[-125 to 125 / 0 / 1-V/step]
118	Correction Coefficient Mh	*ENG	
119	Correction Coefficient Mi	*ENG	
120	Correction Coefficient Mj	*ENG	
121	Correction Coefficient Mk	*ENG	
122	Correction Coefficient Ml	*ENG	
123	Correction Coefficient Mm	*ENG	
124	Correction Coefficient Mn	*ENG	[-125 to 125 / 0 / 1-V/step]
125	Correction Coefficient Mo	*ENG	
126	Correction Coefficient Mp	*ENG	
127	Correction Coefficient Mq	*ENG	
128	Correction Coefficient Mr	*ENG	
129	Correction Coefficient Ms	*ENG	
130	Correction Coefficient Mt	*ENG	



131	Correction Coefficient Mu	*ENG	[-125 to 125 / 0 / 1-V/step]
132	Correction Coefficient Mv	*ENG	
133	Correction Coefficient Mw	*ENG	
134	Correction Coefficient Mx	*ENG	
135	Correction Coefficient My	*ENG	
136	Correction Coefficient Mz	*ENG	
137	Correction Coefficient MAA	*ENG	
138	Correction Coefficient MAB	*ENG	[-125 to 125 / 0 / 1-V/step]
139	Correction Coefficient Yd	*ENG	
140	Correction Coefficient Ye	*ENG	
141	Correction Coefficient Yf	*ENG	
142	Correction Coefficient Yg	*ENG	
143	Correction Coefficient Yh	*ENG	
144	Correction Coefficient Yi	*ENG	
145	Correction Coefficient Yj	*ENG	
146	Correction Coefficient Yk	*ENG	
147	Correction Coefficient Yl	*ENG	
148	Correction Coefficient Ym	*ENG	
149	Correction Coefficient Yn	*ENG	
150	Correction Coefficient Yo	*ENG	

151	Correction Coefficient Yp	*ENG	[-125 to 125 / 0 / 1-V/step]
152	Correction Coefficient Yq	*ENG	
153	Correction Coefficient Yr	*ENG	
154	Correction Coefficient Ys	*ENG	
155	Correction Coefficient Yt	*ENG	
156	Correction Coefficient Yu	*ENG	
157	Correction Coefficient Yv	*ENG	
158	Correction Coefficient Yw	*ENG	
159	Correction Coefficient Yx	*ENG	
160	Correction Coefficient Yy	*ENG	
161	Correction Coefficient Yz	*ENG	
162	Correction Coefficient YAA	*ENG	
163	Correction Coefficient YAB	*ENG	
2006	[Charge AC Voltage: Fixed]		
	AC ampere target value when outputting fixed Electrify AC.		

001	Standard Speed: K	* ENG	[0.00 to 3.00 / 2.20 / 0.01kV/step]
002	Standard Speed: C	* ENG	
003	Standard Speed: M	* ENG	
004	Standard Speed: Y	* ENG	
005	Middle Speed: K	* ENG	
006	Middle Speed: C	* ENG	
007	Middle Speed: M	* ENG	
008	Middle Speed: Y	* ENG	
009	Low Speed: K	* ENG	
010	Low Speed: C	* ENG	
011	Low Speed: M	* ENG	
012	Low Speed: Y	* ENG	

2007	[Charge AC Current: LL]		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	* ENG	[0.00 to 3.00 / 0.98 / 0.01mA/step]
002	Environmental Target: C	* ENG	
003	Environmental Target: M	* ENG	
004	Environmental Target: Y	* ENG	

2008	[Charge AC Current: ML]		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	* ENG	[0.00 to 3.00 / 0.98 / 0.01mA/step]
002	Environmental Target: C	* ENG	
003	Environmental Target: M	* ENG	
004	Environmental Target: Y	* ENG	

2009	[Charge AC Current: MM]		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	*ENG	[0.00 to 3.00 / 0.98 / 0.01mA/step]
002	Environmental Target: C	*ENG	
003	Environmental Target: M	*ENG	
004	Environmental Target: Y	*ENG	

2010	[Charge AC Current: MH]		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	*ENG	[0.00 to 3.00 / 0.97 / 0.01mA/step]
002	Environmental Target: C	*ENG	
003	Environmental Target: M	*ENG	
004	Environmental Target: Y	*ENG	

2011	[Charge AC Current: HH]		
	AC ampere target value when Electrify AC.		
001	Environmental Target: Bk	*ENG	[0.00 to 3.00 / 0.97 / 0.01mA/step]
002	Environmental Target: C	*ENG	
003	Environmental Target: M	*ENG	
004	Environmental Target: Y	*ENG	

2012	[Charge Output Control]		
001	AC Voltage	*ENG	[0 or 1 / 0 / 1/step]
	0: Set to environment correction value used when FB . 1: Electrify AC voltage of SP: Set to fixed setting value.		

2013	[Environmental Correction: PCU]		
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001	Current Environmental FC : Display	*ENG	[- to - / - / -]
	Environment class divided based on the temperature / humidity sensor information when controlling Electrify AC of latest main and subs FC mode.		
002	Forced Setting	*ENG	[0 to 5 / 0 / 1/step]
	0: Detect with temperature / humidity sensor. 1 to 5: Force setting environment.		
003	Absolute Humidity: Threshold 1	*ENG	[0.00 to 100.00 / 3.00 / 0.01g/m <sup>3</sup> /step]
	Threshold of LL environment and ML environment.		
004	Absolute Humidity: Threshold 2	*ENG	[0.00 to 100.00 / 8.00 / 0.01g/m <sup>3</sup> /step]
	Threshold of ML environment and MM environment.		
005	Absolute Humidity: Threshold 3	*ENG	[0.00 to 100.00 / 15.00 / 0.01g/m <sup>3</sup> /step]
	Threshold of MM environment and MH environment.		
006	Absolute Humidity: Threshold 4	*ENG	[0.00 to 100.00 / 22.00 / 0.01g/m <sup>3</sup> /step]
	Threshold of MH environment and HH environment.		
007	Temp FC: Display	*ENG	[0 to 100 / 0 / 1deg/step]
	Temperature detected with temperature / humidity sensor when controlling Electrify AC of latest main and subs FC mode.		
008	Relative Humidity FC : Display	*ENG	[0 to 100 / 0 / 1%RH/step]
	Relative temperature detected with temperature / humidity sensor when controlling Electrify AC of latest main and subs FC mode.		
009	Absolute Humidity FC : Display	*ENG	[0.00 to 100.00 / 0.00 / 0.01g/m <sup>3</sup> /step]
	Absolute temperature detected with temperature / humidity sensor when controlling Electrify AC of latest main and subs FC mode.		

010	Environmental Bk: Display	*ENG	[- to - / - / -]
	Environment class divided based on the temperature / humidity sensor information when controlling Electrify AC of latest main and subs monochrome Bk mode.		
011	Temp Bk.: Display	*ENG	[0 to 100 / 0 / 1deg/step]
	Temperature detected by the temperature / humidity sensor when controlling Electrify AC of latest main and subs monochrome Bk mode.		
012	Relative Humidity Bk : Display	*ENG	[0 to 100 / 0 / 1%RH/step]
	Relative temperature detected by the temperature / humidity sensor when controlling Electrify AC of latest main and subs monochrome Bk mode.		
013	Absolute Humidity Bk : Display	*ENG	[0.00 to 100.00 / 0.00 / 0.01g/m <sup>3</sup> /step]
	Absolute temperature detected by the temperature / humidity sensor when controlling Electrify AC of latest main and subs monochrome Bk mode.		

2014	[Charge AC Control: Setting]		
001	Exec Interval: Power ON	*ENG	[0 to 2000 / 500 / 1page/step]
	Page interval to do main control when Power ON, recover from energy save mode, front door close.		
002	Exec Interval: Print	*ENG	[0 to 2000 / 0 / 1page/step]
	Page interval to do main control when printing, finish printing.		
003	Page Interval	*ENG	[0 to 500 / 10 / 1page/step]
	Page interval to decide to adjust sub when printing in standard speed.		
004	Temperature	*ENG	[0 to 99 / 35 / 1deg/step]
	Temperature threshold for sub control execute decision,		
005	Relative Humidity	*ENG	[0 to 99 / 50 / 1%RH/step]
	Threshold of relative humidity conditions to do sub adjustments.		
006	Absolute Humidity	*ENG	[0 to 99 / 12 / 1g/m <sup>3</sup> /step]
	Threshold of absolute Temperature conditions to do sub adjustments.		

007	Temp Threshold M	*ENG	[0 to 99 / 10 / 1deg/step]
	Temperature variation threshold for deciding of executing main control. 0: Execute every time when set.		
008	RH Threshold M	*ENG	[0 to 99 / 50 / 1%RH/step]
	Relative humidity variation threshold for deciding of executing main adjust. 0: Execute every time.		
009	AH Threshold M	*ENG	[0 to 99 / 6 / 1g/m <sup>3</sup> /step]
	Relative humidity variation threshold for deciding of executing main adjust. 0: Execute every time.		
010	Temp Threshold S	*ENG	[0.0 to 20.0 / 1.0 / 0.1deg]
	Temperature variation threshold to do sub adjust. 0: Do every time		
011	RH Threshold S	*ENG	[0 to 50 / 5 / 1%RH/step]
	Relative humidity variation threshold to do sub adjust. 0: Do every time		
012	AH Threshold S	*ENG	[0.0 to 20.0 / 1.0 / 0.1g/m <sup>3</sup> /step]
	Absolute humidity variation threshold to do sub adjust. 0: Do every time if conditions match.		
013	Non-use Time	*ENG	[0 to 1440 / 360 / 10min./step]
	Threshold of time stopping photoreceptor continuously for main adjust. 0: Do not.		
014	AC Current Error Detection	*ENG	[0 or 1 / 0 / 1/step]
	Flag to decide whether to adjust AC when SC491 is detected.		
2015	[Charge AC Adj: Result]		
001	Bk	*ENG	[0 to 9 / 0 / 1/step]
	Result of AC adjust control for Bk (main / sub common)		

002	C	*ENG	[0 to 9 / 0 / 1/step]
	Result of AC adjust control for C (main / sub common)		
003	M	*ENG	[0 to 9 / 0 / 1/step]
	Result of AC adjust control for M (main / sub common)		
004	Y	*ENG	[0 to 9 / 0 / 1/step]
	Result of AC adjust control for Y (main / sub common)		

2020	[Background Pot Correction Set]		
001	Temperature	*ENG	[0 to 19 / 15 / 1deg/step]
	Temperature threshold for calculating Electrify roller fatigue.		
002	Absolute Humidity	*ENG	[0 to 99 / 6 / 1g/m <sup>3</sup> /step]
	Absolute humidity threshold for calculating Electrify roller fatigue.		
003	Print Page Counter	*ENG	[0 to 999 / 0 / 1page/step]
	Printing counter for multi-step correction.		
004	Print Pages Threshold	*ENG	[0 to 999 / 10 / 1page/step]
	Printing pages threshold when Multi-step correction.		
005	Temp Thresh	*ENG	[20 to 99 / 20 / 1deg/step]
	Temperature threshold 2 for calculating Electrify roller fatigue.		
011	Coefficient a: K	*ENG	[0.00 to 1.00 / 0.07 / 0.01/step]
	Coefficient a, K for calculating Electrify roller fatigue.		
012	Coefficient a: C	*ENG	[0.00 to 1.00 / 0.07 / 0.01/step]
	Coefficient a, C for calculating Electrify roller fatigue.		
013	Coefficient a: M	*ENG	[0.00 to 1.00 / 0.07 / 0.01/step]
	Coefficient a, M for calculating Electrify roller fatigue.		
014	Coefficient a: Y	*ENG	[0.00 to 1.00 / 0.07 / 0.01/step]
	Coefficient a, Y for calculating Electrify roller fatigue.		



015	Coefficient b: K	*ENG	[0.00 to 9.00 / 0 / 0.01/step]
	Coefficient b, K for calculating Electrify roller fatigue.		
016	Coefficient b: C	*ENG	[0.00 to 9.00 / 0 / 0.01/step]
	Coefficient b, C for calculating Electrify roller fatigue.		
017	Coefficient b: M	*ENG	[0.00 to 9.00 / 0 / 0.01/step]
	Coefficient b, M for calculating Electrify roller fatigue.		
018	Coefficient b: Y	*ENG	[0.00 to 9.00 / 0 / 0.01/step]
	Coefficient b, Y for calculating Electrify roller fatigue.		

2021	[Background Pot Correction]		
001	Display:K	*ENG	[0 to 90 / 0 / 1V/step]
	DC bias correction value, K		
002	Display:C	*ENG	[0 to 90 / 0 / 1V/step]
	DC bias correction value, C		
003	Display:M	*ENG	[0 to 90 / 0 / 1V/step]
	DC bias correction value, M		
004	Display:Y	*ENG	[0 to 90 / 0 / 1V/step]
	DC bias correction value, Y		
005	Setting 1:K	*ENG	[0 to 90 / 0 / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, K		
006	Setting 1:C	*ENG	[0 to 90 / 0 / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, C		
007	Setting 1:M	*ENG	[0 to 90 / 0 / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, M		
008	Setting 1:Y	*ENG	[0 to 90 / 0 / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, Y		

009	Setting2:K	*ENG	[0 to 90 / 0 / 10V/step]
	Electric potential correction amount 1 against Electrify roller fatigue amount, K		
010	Setting2:C	*ENG	[0 to 90 / 0 / 10V/step]
	VC calculating coefficient DC Electrify.		
011	Setting2:M	*ENG	[0 to 90 / 0 / 10V/step]
	Electric potential correction amount 2 against Electrify roller fatigue amount, M		
012	Setting2:Y	*ENG	[0 to 90 / 0 / 10V/step]
	Electric potential correction amount 2 against Electrify roller fatigue amount, Y		
013	Setting3:K	*ENG	[0 to 90 / 0 / 5V/step]
	Electric potential correction amount 3 against Electrify roller fatigue amount, K		
014	Setting3:C	*ENG	[0 to 90 / 0 / 5V/step]
	Electric potential correction amount 3 against Electrify roller fatigue amount, C		
015	Setting3:M	*ENG	[0 to 90 / 0 / 5V/step]
	Electric potential correction amount 3 against Electrify roller fatigue amount, M		
016	Setting3:Y	*ENG	[0 to 90 / 0 / 5V/step]
	Electric potential correction amount 3 against Electrify roller fatigue amount, Y		
017	Setting4:K	*ENG	[0 to 90 / 0 / 5V/step]
	Electric potential correction amount 4 against Electrify roller fatigue amount, K		
018	Setting4:C	*ENG	[0 to 90 / 0 / 5V/step]
	Electric potential correction amount 4 against Electrify roller fatigue amount, C		
019	Setting4:M	*ENG	[0 to 90 / 0 / 5V/step]
	Electric potential correction amount 4 against Electrify roller fatigue amount, M		
020	Setting4:Y	*ENG	[0 to 90 / 0 / 5V/step]
	Electric potential correction amount 4 against Electrify roller fatigue amount, Y		
021	Setting5:K	*ENG	[0 to 90 / 0 / 1V/step]
	Variation amount 5 K, for correcting electric potential phase when environment changes.		

022	Setting5:C	*ENG	[0 to 90 / 0 / 1V/step]
	Variation amount 5 C, for correcting electric potential phase when environment changes.		
023	Setting5:M	*ENG	[0 to 90 / 0 / 1V/step]
	Variation amount 5 M, for correcting electric potential phase when environment changes.		
024	Setting5:Y	*ENG	[0 to 90 / 0 / 1V/step]
	Variation amount 5 Y, for correcting electric potential phase when environment changes.		
025	Setting6:K	*ENG	[-90 to 90 / 4 / 1V/step]
	Electric potential correction amount 6 K, against Electrify roller total rotating time.		
026	Setting6:C	*ENG	[-90 to 90 / 4 / 1V/step]
	Electric potential correction amount 6 C, against Electrify roller total rotating time.		
027	Setting6:M	*ENG	[-90 to 90 / 4 / 1V/step]
	Electric potential correction amount 6,M, against Electrify roller total rotating time.		
028	Setting6:Y	*ENG	[-90 to 90 / 4 / 1V/step]
	Electric potential correction amount 6 Y, against Electrify roller total rotating time.		
029	Display:Energized:K	*ENG	[0 to 90 / 0 / 1V/step]
	Voltage correction value K, from Electrify roller fatigue.		
030	Display:Energized:C	*ENG	[0 to 90 / 0 / 1V/step]
	Voltage correction value C, from Electrify roller fatigue.		
031	Display:Energized:M	*ENG	[0 to 90 / 0 / 1V/step]
	Voltage correction value M, from Electrify roller fatigue.		
032	Display:Energized:Y	*ENG	[0 to 90 / 0 / 1V/step]
	Voltage correction value Y, from Electrify roller fatigue.		
033	Display:Total Rotation:K	*ENG	[0 to 30 / 0 / 1V/step]
	Voltage correction value K, from Electrify roller total electrification.		
034	Display:Total Rotation:C	*ENG	[0 to 30 / 0 / 1V/step]
	Voltage correction value C, from Electrify roller total electrification.		

035	Display:Total Rotation:M	*ENG	[0 to 30 / 0 / 1V/step]
	Voltage correction value M, from Electrify roller total electrification.		
036	Display:Total Rotation:Y	*ENG	[0 to 30 / 0 / 1V/step]
	Voltage correction value Y, from Electrify roller total electrification.		
037	Split Number n: K	*ENG	[1 to 99 / 12 / 1/step]
	Coefficient K, for setting electric potential to multiple steps from total electrification time.		
038	Split Number n: C	*ENG	[1 to 99 / 12 / 1/step]
	Coefficient C, for setting electric potential to multiple steps from total electrification time.		
039	Split Number n: M	*ENG	[1 to 99 / 12 / 1/step]
	Coefficient M, for setting electric potential to multiple steps from total electrification time.		
040	Split Number n: Y	*ENG	[1 to 99 / 12 / 1/step]
	Coefficient Y, for setting electric potential to multiple steps from total electrification time.		
041	Display:Energized for target value:K	*ENG	[0 to 90 / 0 / 1V/step]
	Target value K, for voltage correction from Electrify roller fatigue.		
042	Display:Energized for target value:C	*ENG	[0 to 90 / 0 / 1V/step]
	Target value C, for voltage correction from Electrify roller fatigue.		
043	Display:Energized for target value:M	*ENG	[0 to 90 / 0 / 1V/step]
	Target value M, for voltage correction from Electrify roller fatigue.		
044	Display:Energized for target value:Y	*ENG	[0 to 90 / 0 / 1V/step]
	Target value Y, for voltage correction from Electrify roller fatigue.		
2022	[Charge R Running Par]		
001	Display:K	*ENG	[0 to 999999 / 0 / 1/step]
	Value K, showing the electrification fatigue amount of Electrify roller.		

002	Display:C	*ENG	[0 to 999999 / 0 / 1/step]
	Value C, showing the electrification fatigue amount of Electrify roller.		
003	Display:M	*ENG	[0 to 999999 / 0 / 1/step]
	Value M, showing the electrification fatigue amount of Electrify roller.		
004	Display:Y	*ENG	[0 to 999999 / 0 / 1/step]
	Value Y, showing the electrification fatigue amount of Electrify roller.		
005	PCU Rotation Time After Correction: K	*ENG	[0 to 9999999 / 0 / 1/step]
	Calculation value K, for calculating temporary value when RTC can not be acquired.		
006	PCU Rotation Time After Correction: C	*ENG	[0 to 9999999 / 0 / 1/step]
	Calculation value C, for calculating temporary value when RTC can not be acquired.		
007	PCU Rotation Time After Correction: M	*ENG	[0 to 9999999 / 0 / 1/step]
	Calculation value M, for calculating temporary value when RTC can not be acquired.		
008	PCU Rotation Time After Correction: Y	*ENG	[0 to 9999999 / 0 / 1/step]
	Calculation value Y, for calculating temporary value when RTC can not be acquired.		
009	Threshold 1:K	*ENG	[0 to 4000 / 30 / 1/step]
	Threshold 1 K, against Electrify roller fatigue amount.		
010	Threshold 1:C	*ENG	[0 to 4000 / 30 / 1/step]
	Threshold 1 C, against Electrify roller fatigue amount.		
011	Threshold 1:M	*ENG	[0 to 4000 / 30 / 1/step]
	Threshold 1 M, against Electrify roller fatigue amount.		
012	Threshold 1:Y	*ENG	[0 to 4000 / 30 / 1/step]
	Threshold 1 Y, against Electrify roller fatigue amount.		

013	Threshold2:K	*ENG	[0 to 4000 / 70 / 1/step]
	Threshold 2 K, against Electrify roller fatigue amount.		
014	Threshold2:C	*ENG	[0 to 4000 / 70 / 1/step]
	Threshold 2 C, against Electrify roller fatigue amount.		
015	Threshold2:M	*ENG	[0 to 4000 / 70 / 1/step]
	Threshold 2 M, against Electrify roller fatigue amount.		
016	Threshold2:Y	*ENG	[0 to 4000 / 70 / 1/step]
	Threshold 2 Y, against Electrify roller fatigue amount.		
017	Threshold3:K	*ENG	[0 to 4000 / 150 / 1/step]
	Threshold 3 K, against Electrify roller fatigue amount.		
018	Threshold3:C	*ENG	[0 to 4000 / 150 / 1/step]
	Threshold 3 C, against Electrify roller fatigue amount.		
019	Threshold3:M	*ENG	[0 to 4000 / 150 / 1/step]
	Threshold 3 M, against Electrify roller fatigue amount.		
020	Threshold3:Y	*ENG	[0 to 4000 / 150 / 1/step]
	Threshold 3 Y, against Electrify roller fatigue amount.		
021	Threshold4:K	*ENG	[0 to 4000 / 250 / 1/step]
	Threshold 4 K, against Electrify roller fatigue amount.		
022	Threshold4:C	*ENG	[0 to 4000 / 250 / 1/step]
	Threshold 4 C, against Electrify roller fatigue amount.		
023	Threshold4:M	*ENG	[0 to 4000 / 250 / 1/step]
	Threshold 4 M, against Electrify roller fatigue amount.		
024	Threshold4:Y	*ENG	[0 to 4000 / 250 / 1/step]
	Threshold 4 Y, against Electrify roller fatigue amount.		

025	Prev Correction Calculation Bk:Year	*ENG	[0 to 99 / 0 / 1year/step]
	Calculation time of last correction: Year, K.		
026	Prev Correction Calculation Bk:Month	*ENG	[1 to 12 / 0 / 1month/step]
	Calculation time of last correction: Month, K.		
027	Prev Correction Calculation Bk:Day	*ENG	[1 to 31 / 0 / 1day/step]
	Calculation time of last correction: Day, K.		
028	Prev Correction Calculation Bk:Hour	*ENG	[0 to 23 / 0 / 1hour/step]
	Calculation time of last correction: Hour, K.		
029	Prev Correction Calculation Bk:Minute	*ENG	[0 to 59 / 0 / 1minute/step]
	Calculation time of last correction: Minute, K.		
030	Rotation At Prev Correction: PCU: Bk	*ENG	[0 to 999999999 / 0 / 1mm/step]
	PCU distance when last correction: Year, K.		
031	Rotation At Prev Correction: PCU: C	*ENG	[0 to 999999999 / 0 / 1mm/step]
	PCU distance when last correction: Year, C.		
032	Rotation At Prev Correction: PCU: M	*ENG	[0 to 999999999 / 0 / 1mm/step]
	PCU distance when last correction: Year, M.		
033	Rotation At Prev Correction: PCU: Y	*ENG	[0 to 999999999 / 0 / 1mm/step]
	PCU distance when last correction: Year, Y.		
2101	[Registration Correction]		

001	Color Main Dot: Bk	*ENG	[-512 to 511 / 0 / 1dot/step]
	<p>Adjusts main scan register of BK color.</p> <ul style="list-style-type: none"> <li>Value increase: image shifts to right facing the paper.</li> <li>Value decrease: image shifts to left facing the paper.</li> </ul> <p>CMY colors can be adjusted to BK color position if execute MUSIC after operating this SP.</p>		
002	Color Main Dot: Ma	*ENG	[-512 to 511 / 0 / 1dot/step]
	<p>Adjusts main scan register of BK color.</p> <ul style="list-style-type: none"> <li>Value increase: image shifts to right facing the paper.</li> <li>Value decrease: image shifts to left facing the paper.</li> </ul> <p>By operating this SP, main scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.</p>		
003	Color Main Dot: Cy	*ENG	[-512 to 511 / 0 / 1dot/step]
	<p>Adjusts main scan register of BK color.</p> <ul style="list-style-type: none"> <li>Value increase: image shifts to right facing the paper.</li> <li>Value decrease: image shifts to left facing the paper.</li> </ul> <p>By operating this SP, main scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.</p>		
004	Color Main Dot: Ye	*ENG	[-512 to 511 / 0 / 1dot/step]
	<p>Adjusts main scan register of BK color.</p> <ul style="list-style-type: none"> <li>Value increase: image shifts to right facing the paper.</li> <li>Value decrease: image shifts to left facing the paper.</li> </ul> <p>By operating this SP, main scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.</p>		
005	Color Sub Line: Bk	*ENG	[-16384 to 16383 / 0 / 1line/step]
	<p>For BK color, even using this SP, sub scan image position against paper will not change, must be adjust with paper feed timing.</p>		
006	Color Sub Line: Ma	*ENG	[-16384 to 16383 / 0 / 1line/step]
	<ul style="list-style-type: none"> <li>Value increase: image shifts to downer facing the paper.</li> <li>Value decrease: image shifts to upper facing the paper.</li> </ul> <p>By operating this SP, sub scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.</p>		



007	Color Sub Line: Cy	*ENG	[-16384 to 16383 / 0 / 1line/step]
	<ul style="list-style-type: none"> <li>Value increase: image shifts to downer facing the paper.</li> <li>Value decrease: image shifts to upper facing the paper.</li> </ul> <p>By operating this SP, sub scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.</p>		
008	Color Sub Line: Ye	*ENG	[-16384 to 16383 / 0 / 1line/step]
	<ul style="list-style-type: none"> <li>Value increase: image shifts to downer facing the paper.</li> <li>Value decrease: image shifts to upper facing the paper.</li> </ul> <p>By operating this SP, sub scan position can be changed, but if MUSIC is executed, automatically will be adjusted to BK position.</p>		

2102	[Magnification Adjustment]		
	<p>Adjusts main scan lower speed scale for BK color.</p> <ul style="list-style-type: none"> <li>Value increase: image stretches.</li> <li>Value decrease: image shrinks</li> </ul> <p>CMY color scale will fit to standard BK speed after executing MUSIC; only BK color will have a different scale in the image even with out executing MUSIC after this SP.</p>		
001	Main Mag.: Standard Speed: Bk	*ENG	[-2.000 to 2.000 / 0.000 / 0.001%/step]
002	Main Mag.: Middle Speed: Bk	*ENG	
003	Main Mag.: Low Speed: Bk	*ENG	
2102	[Magnification Adjustment]		
	<p>Adjusts main scan scale.</p> <ul style="list-style-type: none"> <li>Value increase: image stretches.</li> <li>Value decrease: image shrinks</li> </ul> <p>With operating this SP, scale can be changed, but if MUSIC is executed after, automatically will be adjusted so fit standard speed BK color scale.</p>		

004	Main Mag.: Standard Speed: Ma	*ENG	[-2.000 to 2.000 / 0.000 / 0.001%/step]
005	Main Mag.: Middle Speed: Ma	*ENG	
006	Main Mag.: Low Speed: Ma	*ENG	
007	Main Mag.: Standard Speed: Cy	*ENG	
008	Main Mag.: Middle Speed: Cy	*ENG	
009	Main Mag.: Low Speed: Cy	*ENG	
010	Main Mag.: Standard Speed: Ye	*ENG	
011	Main Mag.: Middle Speed: Ye	*ENG	
012	Main Mag.: Low Speed: Ye	*ENG	
2102	[Magnification Adjustment]		
	Adjusts scale against standard speed BK. <ul style="list-style-type: none"> <li>• Value increase: image stretches.</li> <li>• Value decrease: image shrinks</li> </ul> With operating this SP, scale can be changed, but if MUSIC is executed after, automatically will be adjusted so to match standard speed BK color scale		
028	Color Main Mag.: High Speed: Ma	*ENG	[-2.000 to 2.000 / 0.000 / 0.001%/step]
031	Color Main Mag.: High Speed: Cy	*ENG	
034	Color Main Mag.: High Speed: Ye	*ENG	
2102	[Main Scan Beam Pitch Adj.]		
037	Bk: 1 <sup>st</sup> -2 <sup>nd</sup>	*ENG	[0.00 to 100.00 / 12.15 / 0.01dot/step]
	Adjusts main scan beam pitch against BK color LD1 Only for factory adjust.		

038	Bk: 1 <sup>st</sup> -3 <sup>rd</sup>	*ENG	[0.00 to 100.00 / 24.29 / 0.01dot/ step]
	Adjusts main scan beam pitch against BK color LD1 Only for factory adjust.		
039	Bk: 1 <sup>st</sup> -4 <sup>th</sup>	*ENG	[0.00 to 100.00 / 36.44 / 0.01dot/ step]
	Adjusts main scan beam pitch against BK color LD1 Only for factory adjust.		
040	Ma: 1 <sup>st</sup> -2 <sup>nd</sup>	*ENG	[0.00 to 100.00 / 12.15 / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
041	Ma: 1 <sup>st</sup> -3 <sup>rd</sup>	*ENG	[0.00 to 100.00 / 24.29 / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
042	Ma: 1 <sup>st</sup> -4 <sup>th</sup>	*ENG	[0.00 to 100.00 / 36.44 / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
043	Cy: 1 <sup>st</sup> -2 <sup>nd</sup>	*ENG	[0.00 to 100.00 / 12.15 / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
044	Cy: 1 <sup>st</sup> -3 <sup>rd</sup>	*ENG	[0.00 to 100.00 / 24.29 / 0.01dot/ step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		

045	Cy: 1 <sup>st</sup> -4 <sup>th</sup>	*ENG	[0.00 to 100.00 / 36.44 / 0.01dot/step]
	Adjusts main scan beam pitch against M color LD1 Only for factory adjust.		
046	Ye: 1 <sup>st</sup> -2 <sup>nd</sup>	*ENG	[0.00 to 100.00 / 12.15 / 0.01dot/step]
	Adjusts main scan beam pitch against Y color LD1 Only for factory adjust.		
047	Ye: 1 <sup>st</sup> -3 <sup>rd</sup>	*ENG	[0.00 to 100.00 / 24.29 / 0.01dot/step]
	Adjusts main scan beam pitch against Y color LD1 Only for factory adjust.		
048	Ye: 1 <sup>st</sup> -4 <sup>th</sup>	*ENG	[0.00 to 100.00 / 36.44 / 0.01dot/step]
	Adjusts main scan beam pitch against Y color LD1 Only for factory adjust.		

2103	[Erase Margin Adjustment]		
001	Lead Edge Width	*ENG	[0.0 to 9.9 / 4.2 / 0.1 mm/step]
	Adjusts trimming for sub scan lead edge. <ul style="list-style-type: none"> <li>Value increase: Trim wider.</li> <li>Value decrease: Trim narrower.</li> </ul>		
002	Trail. Edge Width	*ENG	[0.0 to 9.9 / 4.2 / 0.1 mm/step]
	Adjusts trimming for sub scan trailing edge. <ul style="list-style-type: none"> <li>Value increase: Trim wider.</li> <li>Value decrease: Trim narrower.</li> </ul> When printing, follow margin set with application.		

003	Left	*ENG	[0.0 to 9.0 / 2.0 / 0.1 mm/step]
	Adjusts trimming for sub scan left edge. <ul style="list-style-type: none"> <li>• Value increase: Trim wider.</li> <li>• Value decrease: Trim narrower.</li> </ul> When printing, follow margin set with application.		
004	Right	*ENG	[0.0 to 9.0 / 2.0 / 0.1 mm/step]
	Adjusts trimming for sub scan right edge. <ul style="list-style-type: none"> <li>• Value increase: Trim wider.</li> <li>• Value decrease: Trim narrower.</li> </ul> When printing, follow margin set with application.		
2103	[Erase Margin Adjustment]		
	Sets trim for duplex.		
006	Duplex Trail. L Size	*ENG	[0.0 to 4.0 / 1.0 / 0.1 mm/step]
007	Duplex Trail. M Size	*ENG	[0.0 to 4.0 / 0.8 / 0.1 mm/step]
008	Duplex Trail. S Size	*ENG	[0.0 to 4.0 / 0.6 / 0.1 mm/step]
009	Duplex Left Edge	*ENG	[0.0 to 1.5 / 0.3 / 0.1 mm/step]
010	Duplex Right Edge	*ENG	[0.0 to 1.5 / 0.3 / 0.1 mm/step]
011	Duplex Trail. L Size:Thick	*ENG	[0.0 to 4.0 / 1.0 / 0.1 mm/step]
012	Duplex Trail. M Size:Thick	*ENG	[0.0 to 4.0 / 0.8 / 0.1 mm/step]
013	Duplex Trail. S Size:Thick	*ENG	[0.0 to 4.0 / 0.6 / 0.1 mm/step]
014	Duplex Left Edge:Thick	*ENG	[0.0 to 1.5 / 0.3 / 0.1 mm/step]
015	Duplex Right Edge:Thick	*ENG	[0.0 to 1.5 / 0.3 / 0.1 mm/step]
2106	[Polygon Rotation Time]		
	Sets pre-rotating time/ post-rotating time for polygon motor.		

001	Warming-Up	*ENG	[0 to 60 / 10 / 1sec/step]
	Sets pre-rotating time for polygon motor. With touching the operating during standby, polygon motor will pre-rotate. With this, waiting time will be shorter.		
002	Job End	*ENG	[0.0 to 60.0 / 0.1 / 0.1 sec/step]
	Sets post-rotating time for polygon motor. Polygon motor will post-rotate after printing. If a print order come during post-rotation, printing will start faster.		

2107	[Image Parameter]		
001	Image Gamma Flag	ENG	[0 or 1 / 1 / 1/step]
	Turns writing Gamma property ON/OFF. For Design evaluation.		
002	Shading Correction Flag	*ENG	[0 or 1 / 0 / 1/step]
	Turns shading area correction ON/OFF. For Design evaluation.		

2109	[Test Pattern]		
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003	Pattern Selection	ENG	[0 to 23 / 0 / 1/step]	
	Select patterns.			
	0	None	12	Independent Pattern (2dot)
	1	Vertical Line (1dot)	13	Independent Pattern (4dot)
	2	Vertical Line (2dot)	14	Trimming Area
	3	Horizontal Line (1dot)	15	Hound's Tooth Check (Vertical)
	4	Horizontal Line (2dot)	16	Hound's Tooth Check (Horizontal)
	5	Grid Vertical Line	17	Band (Horizontal)
	6	Grid Horizontal Line	18	Band (Vertical)
	7	Grid Pattern Small	19	Checker Flag Pattern
	8	Grid Pattern Large	20	Grayscale (Vertical Margin)
	9	Argyle Pattern Small	21	Grayscale (Horizontal Margin)
	10	Argyle Pattern Large	22	Two Beam Density Pattern
11	Independent Pattern (1 dot)	23	Full Dot Pattern	
005	Color Selection	ENG	[1 to 4 / 1 / 1/step] 1: All Color 2: Ma 3: Ye 4: Cy	
	Selects output color for writing test pattern.			
006	Density: Bk	ENG	[0 to 15 / 15 / 1/step]	
	Sets test patterns density. <ul style="list-style-type: none"> <li>• Value increase: Deeper</li> <li>• Value decrease: Thinner</li> </ul>			

007	Density: Ma	ENG	[0 to 15 / 15 / 1/step]
	Sets test patterns density. <ul style="list-style-type: none"> <li>Value increase: Deeper</li> <li>Value decrease: Thinner</li> </ul>		
008	Density: Cy	ENG	[0 to 15 / 15 / 1/step]
	Sets test patterns density. <ul style="list-style-type: none"> <li>Value increase: Deeper</li> <li>Value decrease: Thinner</li> </ul>		
009	Density: Ye	ENG	[0 to 15 / 15 / 1/step]
	Sets test patterns density. <ul style="list-style-type: none"> <li>Value increase: Deeper</li> <li>Value decrease: Thinner</li> </ul>		
2110	[LD Driver]		
	LD Driver error flag		
001	Error Bk	*ENG	[0x0000 to 0xFFFF / 0x0000 / 1/step]0h
	LD Driver error flag Bk color.		
002	Error Ma	*ENG	[0x0000 to 0xFFFF / 0x0000 / 1/step] 0h
	LD Driver error flag Ma color (For only model D148/D149/D150. Abxyz models does not use)		
003	Error Cy	*ENG	[0x0000 to 0xFFFF / 0x0000 / 1/step] 0h
	LD Driver error flag Cy color (For only model D148/D149/D150. Abxyz models does not use)		
004	Error Ye	*ENG	[0x0000 to 0xFFFF / 0x0000 / 1/step] 0h
	LD Driver error flag Ye color (For abxyz/model D148/D149/D150)		



005	Writing Unit Adj. Transfer	ENG	[0 or 1 / 0 / 1/step]
	Execution flag to download adjustment values of writing unit to main units SP. Executes when replacing the writing unit or assembling main unit		
2111	[Forced Line Position Adj.]		
	Executes force correction of color match.		
001	Mode a	ENG	[0 or 1 / 0 / 1/step]
	Executes MUSIC mode a ( fine-tune x 2)		
002	Mode b	ENG	[0 or 1 / 0 / 1/step]
	Executes MUSIC mode b ( fine-tune x 1)		
003	Mode c	ENG	[0 or 1 / 0 / 1/step]
	Executes MUSIC mode c (rough-tune x 1)		
004	Mode d	ENG	[0 or 1 / 0 / 1/step]
	Executes MUSIC mode d (rough-tune then fine-tune)		
2112	[TM/ID Sensor Check]		
001	Execute	ENG	[0 or 1 / 0 / 1/step]
	Executes test mode for Image transfer belt / TMP sensor.		
010	General:FCR	*ENG	[0 to 999 / - / 1/step]
	Shows test results for Image transfer belt / TMP sensor test mode, with 3bits / in the order of [Front][Center][Rear].		
020	Threshold Setting	*ENG	[0.00 to 3.50 / 1.90 / 0.01V/step]
	Sets edge detecting threshold value of Image transfer belt / TMP sensor test mode. The results will turn out as following in Image transfer belt / TMP sensors test mode. <ul style="list-style-type: none"> <li>• When TMP sensor detection value is larger than this setting value: No problems.</li> <li>• When TMP sensor detection value is smaller than this setting value: Edge detected.</li> </ul>		
2115	[Gamma Correction]		

001	Low CPP edge Correction	*ENG	[0 to 100 / 80 / 1%/step]
	Sets gamma correction value of valid pixel for low CPP edge process. <ul style="list-style-type: none"> <li>• Value increase: Deeper density</li> <li>• Value decrease: thinner density</li> </ul>		

2117	[Skew Adjustment]		
001	Pulse: M	*ENG	[-75 to 75 / 0 / 1pulse/step]
	M: skew adjust: input		
002	Pulse: C	*ENG	[-75 to 75 / 0 / 1pulse/step]
	C: skew adjust: input		
003	Pulse: Y	*ENG	[-99 to 99 / 0 / 1pulse/step]
	Y: skew adjust: input		

2118	[Skew Adjustment]		
001	Execute: M	ENG	[0 or 1 / - / -]
	M: skew adjust: execute		
002	Execute: C	ENG	[0 or 1 / - / -]
	C: skew adjust: execute		
003	Execute: Y	ENG	[0 or 1 / - / -]
	Y: skew adjust: execute		

2119	[Skew Adjustment Display]		
001	M	*ENG	[-75 to 75 / 0 / 1pulse/step]
	M: skew current location: display.		
002	C	*ENG	[-75 to 75 / 0 / 1pulse/step]
	C: skew current location: display.		

003	Y	*ENG	[-99 to 99 / 0 / 1 pulse/step]
	Y: skew current location: display.		
2120	[Thick Paper Skew Adj]		
001	On/Off	*ENG	[0 or 1 / 1 / 1/step]
	Corrects thick paper skew.		
2121	[Skew Adjust Coefficient]		
001	Coefficient	*ENG	[0 to 2 / 0 / 1/step]
	Correcting coefficient for skew.		
2140	[TM/ID Sensor Check Result]		
005	PWM: Front	ENG	[0 to 1023 / 0 / 1/step]
	Saves / Refreshes PWM setting value of TMP sensor [Front] to this setting value when Vsg adjustment is done. From then on, PWM setting value will be this setting value during belt check. When Vsg adjust fails, saving / refreshing will not be done to this setting		
006	PWM: Center	*ENG	[0 to 1023 / 0 / 1/step]
	Saves / Refreshes PWM setting value of TMP sensor [Center] to this setting value when Vsg adjustment is done. From then on, PWM setting value will be this setting value during belt check. When Vsg adjust fails, saving / refreshing will not be done to this setting		
007	PWM: Rear	*ENG	[0 to 1023 / 0 / 1/step]
	Saves / Refreshes PWM setting value of TMP sensor [Rear] to this setting value when Vsg adjustment is done. From then on, PWM setting value will be this setting value during belt check. When Vsg adjust fails, saving / refreshing will not be done to this setting		
2141	[TM/ID Sensor Check Result]		

005	Average: Front	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves / Refreshes TMP sensor [Front] detecting result average data to this SP from result of Image transfer belt / TMP sensor check mode.		
006	Average: Center	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves / Refreshes TMP sensor [Center] detecting result average data to this SP from result of Image transfer belt / TMP sensor check mode.		
007	Average: Rear	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves / Refreshes TMP sensor [Rear] detecting result average data to this SP from result of Image transfer belt / TMP sensor check mode.		

2142	[TM/ID Sensor Check Result]		
005	Maximum: Front	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Front] detecting result data, and from of all sampling data, save / refresh this SP with the max. value.		
006	Maximum: Center	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Center] detecting result data, and from of all sampling data, save / refresh this SP with the max. value.		
007	Maximum: Rear	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Rear] detecting result data, and from of all sampling data, save / refresh this SP with the max. value.		

2143	[TM/ID Sensor Check Result]		
005	Minimum: Front	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Front] detecting result data, and from of all sampling data, save / refresh this SP with the min. value.		

006	Minimum: Center	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Center] detecting result data, and from of all sampling data, save / refresh this SP with the min. value.		
007	Minimum: Rear	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	With the image transfer belt / TMP sensor check mode result, take average of each 10 sampling data from TMP sensors [Rear] detecting result data, and from of all sampling data, save / refresh this SP with the min. value.		

2144	[TM/ID Sensor Check Result]		
005	Maximum 2: Front	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves/ refreshes this SP with the max. value of all sampling data form TMP sensor [Front] detecting result data by image transfer belt / TMP sensor check mode result.		
006	Maximum 2: Center	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves/ refreshes this SP with the max. value of all sampling data form TMP sensor [Center] detecting result data by image transfer belt / TMP sensor check mode result.		
007	Maximum 2: Rear	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves/ refreshes this SP with the max. value of all sampling data form TMP sensor [Rear] detecting result data by image transfer belt / TMP sensor check mode result.		

2145	[TM/ID Sensor Check Result]		
005	Minimum 2: Front	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves/ refreshes this SP with the min. value of all sampling data form TMP sensor [Front] detecting result data by image transfer belt / TMP sensor check mode result.		
006	Minimum 2: Center	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves/ refreshes this SP with the min. value of all sampling data form TMP sensor [Center] detecting result data by image transfer belt / TMP sensor check mode result.		
007	Minimum 2: Rear	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Saves/ refreshes this SP with the min. value of all sampling data form TMP sensor [Rear] detecting result data by image transfer belt / TMP sensor check mode result.		

2146	[TM-Sensor Test]		
005	Number of Edge Detection:Front	*ENG	[0 to 16 / 0 / 1/step]
	When the TMP sensor [Front] detecting value from the image transfer belt / TMP sensor check mode result is checked as smaller (Edge detected) as then the edge detect threshold setting value (sp2-112-020), Save / refresh this PS with the times checked so.		
006	Number of Edge Detection:Center	*ENG	[0 to 16 / 0 / 1/step]
	When the TMP sensor [Center] detecting value from the image transfer belt / TMP sensor check mode result is checked as smaller (Edge detected) as then the edge detect threshold setting value (sp2-112-020), Save / refresh this PS with the times checked so.		
007	Number of Edge Detection:Rear	*ENG	[0 to 16 / 0 / 1/step]
	When the TMP sensor [Rear] detecting value from the image transfer belt / TMP sensor check mode result is checked as smaller (Edge detected) as then the edge detect threshold setting value (sp2-112-020), Save / refresh this PS with the times checked so.		

2150	[Area Mag. Correction]		
	<p>Corrects main scan color scale error, deflection.</p> <p>Adjusts start writing position (Register) with sub dot level.</p> <ul style="list-style-type: none"> <li>Value increase: image shift to the right side on the print.</li> <li>Value decrease: image shift to the left side on the print.</li> </ul> <p>CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.</p>		
027	Area 0: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
2150	[Area Mag. Correction]		
	<p>Corrects main scan color scale error, deflection.</p> <p>Adjusts start writing position (Register) with sub dot level.</p> <ul style="list-style-type: none"> <li>Value increase: image stretches topically.</li> <li>Value decrease: image shrinks topically.</li> </ul> <p>CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.</p>		
028	Area 1: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]

029	Area 2: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
030	Area 3: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
031	Area 4: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
032	Area 5: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
033	Area 6: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
034	Area 7: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
035	Area 8: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
036	Area 9: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
037	Area 10: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
038	Area 11: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
039	Area 12: Bk	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
2150	[Area Mag. Correction]		
	<p>Corrects main scan color scale error, deflection.</p> <p>Adjusts start writing position (Register) with sub dot level.</p> <ul style="list-style-type: none"> <li>• Value increase: image shift to the right side on the print.</li> <li>• Value decrease: image shift to the left side on the print.</li> </ul> <p>CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.</p>		
079	Area 0: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]

2150	[Area Mag. Correction]		
	<p>Corrects main scan color scale error, deflection.          Adjusts start writing position (Register) with sub dot level.</p> <ul style="list-style-type: none"> <li>• Value increase: image stretches topically.</li> <li>• Value decrease: image shrinks topically.</li> </ul> <p>CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.</p>		
080	Area 1: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
081	Area 2: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
082	Area 3: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
083	Area 4: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
084	Area 5: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
085	Area 6: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
086	Area 7: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
087	Area 8: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
088	Area 9: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
089	Area 10: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
090	Area 11: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
091	Area 12: Ma	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]
2150	[Area Mag. Correction]		
	<p>Corrects main scan color scale error, deflection.          Adjusts start writing position (Register) with sub dot level.</p> <ul style="list-style-type: none"> <li>• Value increase: image shift to the right side on the print.</li> <li>• Value decrease: image shift to the left side on the print.</li> </ul> <p>CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.</p>		
131	Area 0: Cy	*ENG	[-16.00 to 16.00 / 0 / 0.01 dot/step]



2150	[Area Mag. Correction]		
	<p>Corrects main scan color scale error, deflection.</p> <p>Adjusts start writing position (Register) with sub dot level.</p> <ul style="list-style-type: none"> <li>• Value increase: image stretches topically.</li> <li>• Value decrease: image shrinks topically.</li> </ul> <p>CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.</p>		
132	Area 1: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
133	Area 2: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
134	Area 3: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
135	Area 4: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
136	Area 5: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
137	Area 6: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
138	Area 7: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
139	Area 8: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
140	Area 9: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
141	Area 10: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
142	Area 11: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
143	Area 12: Cy	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]

2150	[Area Mag. Correction]		
	<p>Corrects main scan color scale error, deflection.</p> <p>Adjusts start writing position (Register) with sub dot level.</p> <ul style="list-style-type: none"> <li>• Value increase: image shift to the right side on the print.</li> <li>• Value decrease: image shift to the left side on the print.</li> </ul> <p>CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.</p>		
183	Area 0: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
2150	[Area Mag. Correction]		
	<p>Corrects main scan color scale error, deflection.</p> <p>Adjusts start writing position (Register) with sub dot level.</p> <ul style="list-style-type: none"> <li>• Value increase: image stretches topically.</li> <li>• Value decrease: image shrinks topically.</li> </ul> <p>CMY color can be matched to adjusted BK color position by Using MUSIC after operating this SP.</p>		
184	Area 1: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
185	Area 2: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
186	Area 3: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
187	Area 4: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
188	Area 5: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
189	Area 6: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
190	Area 7: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
191	Area 8: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]

192	Area 9: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
193	Area 10: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
194	Area 11: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]
195	Area 12: Ye	*ENG	[-16.00 to 16.00 / 0.00 / 0.01 dot/step]

2152	[Shad. Correct Setting]		
	<p>Changes exposure light amount.</p> <ul style="list-style-type: none"> <li>• Value increase: Light amount increases, and image density gets deeper.</li> <li>• Value decrease: Light amount decreases, and image density gets thinner.</li> </ul> <p>Except, if Process control is executed, light amount / density will change.</p>		
001	Standard Speed: Bk	*ENG	[50 to 120 / 100 / 1%/step]
002	Standard Speed: Ma	*ENG	[50 to 120 / 100 / 1%/step]
003	Standard Speed: Cy	*ENG	[50 to 120 / 100 / 1%/step]
004	Standard Speed: Ye	*ENG	[50 to 120 / 100 / 1%/step]
005	Middle Speed: Bk	*ENG	[50 to 120 / 100 / 1%/step]
006	Middle Speed: Ma	*ENG	[50 to 120 / 100 / 1%/step]
007	Middle Speed: Cy	*ENG	[50 to 120 / 100 / 1%/step]
008	Middle Speed: Ye	*ENG	[50 to 120 / 100 / 1%/step]
009	Low Speed: Bk	*ENG	[50 to 120 / 100 / 1%/step]
010	Low Speed: Ma	*ENG	[50 to 120 / 100 / 1%/step]
011	Low Speed: Cy	*ENG	[50 to 120 / 100 / 1%/step]
012	Low Speed: Ye	*ENG	[50 to 120 / 100 / 1%/step]

2154	[Shad. Correct Setting]		
	<p>Changes exposure light amount form each beam.</p> <ul style="list-style-type: none"> <li>• Value increase: Light amount increases, and image density gets deeper.</li> <li>• Value decrease: Light amount decreases, and image density gets thinner.</li> </ul> <p>Except, if Process control is executed, light amount / density will change.</p> <p>Beam interval light amount: No need to operate.</p>		
002	Front End Area: Bk: LD1	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
003	Front End Area: Bk: LD2	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
004	Front End Area: Bk: LD3	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
005	Front End Area: Bk: LD4	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
007	Front End Area: Ma: LD1	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
008	Front End Area: Ma: LD2	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
009	Front End Area: Ma: LD3	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
010	Front End Area: Ma: LD4	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
012	Front End Area: Cy: LD1	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
013	Front End Area: Cy: LD2	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
014	Front End Area: Cy: LD3	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
015	Front End Area: Cy: LD4	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
017	Front End Area: Ye: LD1	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
018	Front End Area: Ye: LD2	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
019	Front End Area: Ye: LD3	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]
020	Front End Area: Ye: LD4	*ENG	[50.0 to 150.0 / 100.0 / 0.1%/step]

2160	[Vertical Line Width]		
	<p>Adjusts vertical line width</p> <ul style="list-style-type: none"> <li>• Value increase: vertical line gets wider.</li> <li>• Value decrease: vertical line gets thinner</li> </ul> <p>Beware for side effects to image.</p>		

001	600dpi: Bk	*ENG	[10 to 15 / 15 / 1/step]
002	600dpi: Ma	*ENG	[10 to 15 / 15 / 1/step]
003	600dpi: Cy	*ENG	[10 to 15 / 15 / 1/step]
004	600dpi: Ye	*ENG	[10 to 15 / 15 / 1/step]
005	1200dpi: Bk	*ENG	[10 to 15 / 15 / 1/step]
006	1200dpi: Ma	*ENG	[10 to 15 / 15 / 1/step]
007	1200dpi: Cy	*ENG	[10 to 15 / 15 / 1/step]
008	1200dpi: Ye	*ENG	[10 to 15 / 15 / 1/step]
2160	[Vertical Line Width]		
009	600dpi:Indet.:Bk	*ENG	[10 to 15 / 14 / 1/step]
	Vertical line width correction: isolated dot.		
010	1200dpi:Indet.:Bk	*ENG	[10 to 15 / 15 / 1/step]
	Adjusts density for isolated dot. <ul style="list-style-type: none"> <li>• Value increases: Deeper</li> <li>• Value decreases: Thinner</li> </ul> Beware for side effects to image.		

2180	[Line Pos. Adj. Clear]		
001	Color Regist.	ENG	[0 or 1 / 0 / 1/step]
	Clears SP value of SP2-101-001 to 004 [Registration Correction (Main Scan)] and SP2-101-005 to 008 [Registration Correction (Sub Scan)].		
002	Main Scan Length Detection	ENG	[0 or 1 / 0 / 1/step]
	Clears SP value of SP2-102-001 to 012[Magnification Adjustment].		
003	MUSIC Result	ENG	[0 or 1 / 0 / 1/step]
	Clears SP value of SP2-181-003 to 082 [Line Position Adj. Result].		
004	Area Magnification Correction	ENG	[0 or 1 / 0 / 1/step]
	Clears SP value of SP2-182-004 to 040 [Line Position Adj. Offset].		

2181	[Line Position Adj. Result]		
	Values will be set from MUSIC (Auto color match) detect result. Refreshes each time executed. No need to operate.		
003	Skew: M	*ENG	[-5000.000 to 5000.000 / 0.000 / 0.001um/step]
011	M. Cor.: Dot: M	*ENG	[-512 to 511 / 0 / 1dot/step]
012	M. Cor.: Subdot: M	*ENG	[-1.00 to 1.00/ 0.00 / 0.01dot/step]
013	S. Cor.: 1200 Line: Middle: M	*ENG	[-16384 to 16383 / 0 / 1line/step]
014	S. Cor.: 1200 Sub: Middle: M	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
015	M. Left Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / 0.00 / 0.01dot/step]
016	M. Right Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / 0.00 / 0.01dot/step]
017	S. Cor.: 1200 Line: Standard: M	*ENG	[-16384 to 16383 / 0 / 1line/step]
018	S. Cor.: 1200 Sub: Standard: M	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
019	S. Cor.: 1200 Line: Low: M	*ENG	[-16384 to 16383 / 0 / 1line/step]
020	S. Cor.: 1200 Sub: Low: M	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
021	Skew: C	*ENG	[-5000.000 to 5000.000 / 0.000 / 0.001um/step]
029	M. Cor.: Dot: C	*ENG	[-512 to 511 / 0 / 1dot/step]
030	M. Cor.: Subdot: C	*ENG	[-1.00 to 1.00/ 0.00 / 0.01dot/step]
031	S. Cor.: 1200 Line: Middle: C	*ENG	[-16384 to 16383 / 0 / 1line/step]
032	S. Cor.: 1200 Sub: Middle: C	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
033	C. Left Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / 0.00 / 0.01dot/step]

034	C. Right Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / 0.00 / 0.01 dot/step]
035	S. Cor.: 1200 Line: Standard: C	*ENG	[-16384 to 16383 / 0 / 1line/step]
036	S. Cor.: 1200 Sub: Standard: C	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
037	S. Cor.: 1200 Line: Low: C	*ENG	[-16384 to 16383 / 0 / 1line/step]
038	S. Cor.: 1200 Sub: Low: C	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
039	Skew: Y	*ENG	[-5000.000 to 5000.000 / 0.000 / 0.001um/step]
047	M. Cor.: Dot: Y	*ENG	[-512 to 511 / 0 / 1dot/step]
048	M. Cor.: Subdot: Y	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]
049	S. Cor.: 1200 Line: Middle: Y	*ENG	[-16384 to 16383 / 0 / 1line/step]
050	S. Cor.: 1200 Sub: Middle: Y	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
051	Y. Left Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / 0.00 / 0.01 dot/step]
052	Y. Right Mag.: Subdot: M	*ENG	[-32.00 to 32.00 / 0.00 / 0.01 dot/step]
053	S. Cor.: 1200 Line: Standard: Y	*ENG	[-16384 to 16383 / 0 / 1line/step]
054	S. Cor.: 1200 Sub: Standard: Y	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
055	S. Cor.: 1200 Line: Low: Y	*ENG	[-16384 to 16383 / 0 / 1line/step]
056	S. Cor.: 1200 Sub: Low: Y	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
057	S. Cor.: 600 Sub	*ENG	[-1.000 to 1.000 / 0.000 / 0.001line/step]
059	S. Cor.: 1200 Sub :High	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]

060	S. Cor.: 1200 Sub :Low	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
061	S. Cor.: 1200 Sub :Middle	*ENG	[-2.000 to 2.000 / 0.000 / 0.001line/step]
064	M. Cor.: Dot: K	*ENG	[-512 to 511 / 0 / 1dot/step]
072	LineSift: StandardSpeed: M	*ENG	[0 to 4 / 0 / 1line/step]
073	LineSift: LowSpeed: M	*ENG	[0 to 4 / 0 / 1line/step]
074	LineSift: StandardSpeed: C	*ENG	[0 to 4 / 0 / 1line/step]
075	LineSift: LowSpeed: C	*ENG	[0 to 4 / 0 / 1line/step]
076	LineSift: StandardSpeed: Y	*ENG	[0 to 4 / 0 / 1line/step]
077	LineSift: LowSpeed: Y	*ENG	[0 to 4 / 0 / 1line/step]
080	Detect Diff.: M	*ENG	[-1000.0 to 1000.0 / 0.0 / 0.1/step]
081	Detect Diff.: C	*ENG	[-1000.0 to 1000.0 / 0.0 / 0.1/step]
082	Detect Diff.: Y	*ENG	[-1000.0 to 1000.0 / 0.0 / 0.1/step]

2182	[Line Position Adj. Offset]		
	<p>Use when color shift remains even after MUSIC. Result of MUSIC will be added to this setting value.</p> <ul style="list-style-type: none"> <li>• Value increases: image shifts towards right facing paper.</li> <li>• Value decreases: image shifts towards left facing paper.</li> </ul>		
004	M. Scan: Standard: Dot: M	*ENG	[-512 to 511 / 0 / 1dot/step]
005	M. Scan: Standard: Subdot: M	*ENG	[-1.00 to 1.00 / 0.0 / 0.01dot/step]
006	M. Scan: Middle: Dot: M	*ENG	[-512 to 511 / 0 / 1dot/step]
007	M. Scan: Middle: Subdot: M	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]
008	M. Scan: Low: Dot: M	*ENG	[-512 to 511 / 0 / 1dot/step]
009	M. Scan: Low: Subdot: M	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]
010	M. Scan: Standard: Dot: C	*ENG	[-512 to 511 / 0 / 1dot/step]
011	M. Scan: Standard: Subdot: C	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]



012	M. Scan: Middle: Dot: C	*ENG	[-512 to 511 / 0 / 1dot/step]
013	M. Scan: Middle: Subdot: C	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]
014	M. Scan: Low: Dot: C	*ENG	[-512 to 511 / 0 / 1dot/step]
015	M. Scan: Low: Subdot: C	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]
016	M. Scan: Standard: Dot: Y	*ENG	[-512 to 511 / 0 / 1dot/step]
017	M. Scan: Standard: Subdot: Y	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]
018	M. Scan: Middle: Dot: Y	*ENG	[-512 to 511 / 0 / 1dot/step]
019	M. Scan: Middle: Subdot: Y	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]
020	M. Scan: Low: Dot: Y	*ENG	[-512 to 511 / 0 / 1dot/step]
021	M. Scan: Low: Subdot: Y	*ENG	[-1.00 to 1.00 / 0.00 / 0.01dot/step]
2182	[Line Position Adj. Offset]		
	<p>Use when color shift remains even after MUSIC. Result of MUSIC will be added to this setting value.</p> <ul style="list-style-type: none"> <li>• Value increases: image shifts towards downer facing paper.</li> <li>• Value decreases: image shifts towards upper facing paper.</li> </ul>		
022	S. Scan: Standard: Line: M	*ENG	[-16384 to 16383 / 0 / 1line/step]
023	S. Scan: Standard: Subline: M	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
024	S. Scan: Middle: Line: M	*ENG	[-16384 to 16383 / 0 / 1line/step]
025	S. Scan: Middle: Subline: M	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
026	S. Scan: Low: Line: M	*ENG	[-16384 to 16383 / 0 / 1line/step]
027	S. Scan: Low: Subline: M	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
028	S. Scan: Standard: Line: C	*ENG	[-16384 to 16383 / 0 / 1line/step]
029	S. Scan: Standard: Subline: C	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
030	S. Scan: Middle: Line: C	*ENG	[-16384 to 16383 / 0 / 1line/step]
031	S. Scan: Middle: Subline: C	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
032	S. Scan: Low: Line: C	*ENG	[-16384 to 16383 / 0 / 1line/step]

033	S. Scan: Low: Subline: C	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
034	S. Scan: Standard: Line: Y	*ENG	[-16384 to 16383 / 0 / 1line/step]
035	S. Scan: Standard: Subline: Y	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
036	S. Scan: Middle: Line: Y	*ENG	[-16384 to 16383 / 0 / 1line/step]
037	S. Scan: Middle: Subline: Y	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
038	S. Scan: Low: Line: Y	*ENG	[-16384 to 16383 / 0 / 1line/step]
039	S. Scan: Low: Subline: Y	*ENG	[-1.00 to 1.00 / 0.00 / 0.01line/step]
2182	[Line Position Adj. Offset]		
040	M. Scan: Dot: K	*ENG	[-512 to 511 / 0 / 1dot/step]
	For setting main scan position of BK: MUSIC. No need to operate.		
2187	[Method Select]		
	MUSIC pattern setting. No need to operate.		
002	MUSIC Pattern Length Adj.	*ENG	[-300 to 300 / 0 / 1dot/step]
003	Pattern Width Adj.	*ENG	[-512 to 511 / 0 / 1dot/step]
004	Pattern Interval Adj.	*ENG	[-512 to 511 / 0 / 1dot/step]
2190	[Line Position Adj.]		
	Sets belt scratch misdetection avoiding level for color shift detection. No need to operate.		
012	SnSErr Range	*ENG	[0 to 3500 / 200 / 1um/step]
2193	[MUSIC Condition Set]		
002	Page: Job End: BW+FC	*ENG	[0 to 999 / 500 / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed sheets from MUSIC when finish printing in BandW+Color mode.		

003	Page: Job End: FC	*ENG	[0 to 999 / 200 / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed sheets from MUSIC when finish printing in Color mode.		
004	Page: Interrupt: BW+FC	*ENG	[0 to 999 / 200 / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed sheets from MUSIC during printing in BandW+Color mode.		
005	Page: Interrupt: FC	*ENG	[0 to 999 / 200 / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed sheets from MUSIC during printing in Color mode.		
006	Page: Stand-By: BW	*ENG	[0 to 999 / 100 / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed BandW+Color sheets from MUSIC during stand-by.		
007	Page: Stand-By: FC	*ENG	[0 to 999 / 100 / 1page/step]
	Condition threshold to auto execute MUSIC or not based on last printed Color sheets from MUSIC during stand-by.		
008	Temp.	*ENG	[0 to 100 / 5 / 1deg/step]
	Condition threshold to auto execute MUSIC or not based on the variation of environment temperature (Temperature and humidity sensor) since last MUSIC.		
009	Time	*ENG	[1 to 1440 / 300 / 1minute/step]
	Condition threshold to auto execute MUSIC on recover from energy save mode / Power on or not based on the elapsed time since last MUSIC.		
010	Magnification	*ENG	[0.00 to 1.00 / 0.10 / 0.01%/step]
011	Temp. 2	*ENG	[0 to 100 / 5 / 1deg/step]
	Condition threshold (Threshold revel: Mid.) to auto execute MUSIC or not based on the variation of internal temperature (drum temp. sensor) since last MUSIC.		
012	Time 2	*ENG	[1 to 9999 / 600 / 1minute/step]
013	Temp. 3	*ENG	[0 to 100 / 10 / 1deg/step]
	Condition threshold (Threshold revel: Hi.) to auto execute MUSIC or not based on the variation of internal temperature (drum temp. sensor) since last MUSIC.		

016	Page: Power ON:BW+FC	*ENG	[0 to 999 / 200 / 1page/step]
	Condition threshold to auto execute MUSIC on recover from energy save mode / Power on or not based sheets printed during electrification.		
2194	[MUSIC Execution Result]		
001	Year	*ENG	[0 to 99 / 0 / 1year/step]
	Saves / Refreshes this SP with "Year" of last MUSIC.		
002	Month	*ENG	[1 to 12 / 1 / 1month/step]
	Saves / Refreshes this SP with "Month" of last MUSIC.		
003	Day	*ENG	[1 to 31 / 1 / 1day/step]
	Saves / Refreshes this SP with "Day" of last MUSIC.		
004	Hour	*ENG	[0 to 23 / 0 / 1hour/step]
	Saves / Refreshes this SP with "Hour" of last MUSIC.		
005	Minute	*ENG	[0 to 59 / 0 / 1minute/step]
	Saves / Refreshes this SP with "Minute" of last MUSIC.		
006	Temperature	*ENG	[0 to 100 / 0 / 1deg/step]
	Saves / Refreshes this SP with "temperature" (temperature and humidity sensor) of last MUSIC.		
007	Execution Result	*ENG	[0 or 1 / 0 / 1/step] 0: Success 1: Failure
008	Number of Execution	*ENG	[0 to 999999 / 0 / 1time/step]
	Saves / Refreshes this SP with the total count of MUSIC done since machine shipped.		
009	Number of Failure	*ENG	[0 to 999999 / 0 / 1time/step]
	Saves / Refreshes this SP with the total count of MUSIC failed since machine shipped.		
010	Error Result: C	*ENG	[0 to 9 / 0 / 1/step]
	Saves / Refreshes this SP with the Cyan result among the MUSIC execution result.		

011	Error Result: M	*ENG	[0 to 9 / 0 / 1/step]
	Saves / Refreshes this SP with the Magenta result among the MUSIC execution result.		
012	Error Result: Y	*ENG	[0 to 9 / 0 / 1/step]
	Saves / Refreshes this SP with the yellow result among the MUSIC execution result.		
013	Error Result: K	*ENG	[0 to 9 / 0 / 1/step]
	Saves / Refreshes this SP with the Black result among the MUSIC execution result.		
014	Temperature 2	*ENG	[-10 to 100 / 0 / 1 deg/step]
	Saves / Refreshes this SP with the internal temperature (drum temp. sensor) of last MUSIC.		

2195	[Realtime MUSIC Condition Set]		
001	ON/OFF	*ENG	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
	Sets whether to have real time MUSIC ON (1) or OFF (0).		
002	Page: Interrupt: BW+FC	*ENG	[0 to 999 / 50 / 1 page/step]
	Condition threshold to auto execute real time MUSIC based on the sheets printed with last MUSIC during printing in BandW+Color.		
003	Page: Interrupt: FC	*ENG	[0 to 999 / 50 / 1 page/step]
	Condition threshold to auto execute real time MUSIC based on the sheets printed with last MUSIC during printing in Color.		
004	Temperature 4	*ENG	[0 to 100 / 1 / 1 deg/step]
	Condition threshold (Threshold revel: Mid.) to auto execute real time MUSIC or not based on the variation of internal temperature (drum temp. sensor) since last MUSIC.		
005	Temperature 5	*ENG	[0 to 100 / 1 / 1 deg/step]
	Condition threshold (Threshold revel: Hi.) to auto execute real time MUSIC or not based on the variation of internal temperature (drum temp. sensor) since last MUSIC.		

2197	[MUSIC Start Time]		
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001	MUSIC Start Time (EDT)	*ENG	[10 to 40 / 20 / 10ms/step]
	Sets margin time for starting scan to set starting position of scan MUSIC pattern accurately.		
002	TM Sensor Position	*ENG	[50.0 to 500.0 / 165.0 / 0.1mm/step]
	Sets physical distance information of TMP Sensor to set MUSIC pattern scanning start position accurately.		

2220	[Skew Origin Set]		
	-		
001	M: Skew Motor	ENG	[0 or 1 / 0 / -]
	M: skew original setting.		
002	C: Skew Motor	ENG	[0 or 1 / 0 / -]
	C: skew original setting.		
003	Y: Skew Motor	ENG	[0 or 1 / 0 / -]
	Y: skew original setting.		

2221	[LD Power: Fixed]		
	Decides output setting value as the value set to this SP when not controlling Process control.		
001	K	*ENG	[0 to 200 / 100 / 1%/step]
002	C	*ENG	
003	M	*ENG	
004	Y	*ENG	

2229	[Develop DC Vias]		
001	Standard Speed: Bk	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Std. speed: Bk)		

002	Standard Speed: C	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Std. speed: C)		
003	Standard Speed: M	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Std. speed: M)		
004	Standard Speed: Y	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Std. speed: Y)		
005	Middle Speed Bk	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
006	Middle Speed C	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
007	Middle Speed M	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
008	Middle Speed Y	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
009	Low Speed: Bk	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set.		
010	Low Speed: C	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Low speed: C)		
011	Low Speed: M	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Low speed: M)		

012	Low Speed: Y	*ENG	[0 to 800 / 550 / 1-V/step]
	Refers to develop bias set to this SP when electric potential control with Process control is not set. (Low speed: Y)		

2230	[QL Power Setting]		
001	Standard Speed	*ENG	[0 to 99 / 40 / 1%/step]
	Decides light amount to remove electricity at Std. speed.		
002	Middle Speed	*ENG	[0 to 99 / 20 / 1%/step]
	Decides light amount to remove electricity at Mid. Speed.		
003	Low Speed	*ENG	[0 to 99 / 20 / 1%/step]
	Decides light amount to remove electricity at Low. Speed.		

2241	[Temperature/Humidity: Display]		
003	Exec Interval: Extra Fan Control	*ENG	[1 to 3600 / 10 / 1sec/step]
	Sets interval time for temperature detection to decide whether to extend control.		
004	AIT Temperature	ENG	[0.0 to 70.0 / 0.0 / 0.1deg/step]
	Displays imaging temperature.		

2242	[TS Operation Env. Log]		
001	TS<=40	ENG	[0 to 99999999 / 0 / 1mm/step]
	TS: imaging temperature (Celsius): developing with each temperature division U: displays Bk rotation distance.		
002	40<TS<=45	ENG	[0 to 99999999 / 0 / 1mm/step]
	TS: imaging temperature (Celsius): developing with each temperature division U: displays Bk rotation distance.		
003	45<TS	ENG	[0 to 99999999 / 0 / 1mm/step]
	TS: imaging temperature (Celsius): developing with each temperature division U: displays Bk rotation distance.		



004	Log Clear	ENG	[0 or 1 / 0 / 1/step]
	Clears image temperature usage environment log.		
2302	[Environmental Correction:Trans]		
001	Current Environmental Display	ENG	[0 to 0 / 0 / 0/step]
	Displays current environment division of transfer.		
002	Forced Setting	*ENG	[0 to 6 / 0 / 1/step] 0: Sensor detect 1: LL 2: ML 3: MM 4: HM 5: HH 6: SLL
			Force sets current environment division of transfer.
003	Absolute Humidity:Threshold 1	*ENG	[0.00 to 100.00 / 4.00 / 0.01g/m3/step]
	Sets environment division threshold (LL/ML)		
004	Absolute Humidity:Threshold 2	*ENG	[0.00 to 100.00 / 8.00 / 0.01g/m3/step]
	Sets environment division threshold (ML/MM)		
005	Absolute Humidity:Threshold 3	*ENG	[0.00 to 100.00 / 16.00 / 0.01g/m3/step]
	Sets environment division threshold (MM/HM)		
006	Absolute Humidity:Threshold 4	*ENG	[0.00 to 100.00 / 24.00 / 0.01g/m3/step]
	Sets environment division threshold (HM/HH)		
007	Temperature:Threshold	*ENG	[-5 to 30 / 5 / 1 deg/step]
	Sets absolute temperature threshold (SLL)		

2303	[Time-Lapse Correction]		
001	Current Div K	*ENG	[0 to 3 / 0 / 1/step]
	Displays the current time-lapse division		
002	Current Div C	*ENG	[0 to 3 / 0 / 1/step]
	Displays the current time-lapse division		
003	Current Div M	*ENG	[0 to 3 / 0 / 1/step]
	Displays the current time-lapse division		
004	Current Div Y	*ENG	[0 to 3 / 0 / 1/step]
	Displays the current time-lapse division		
005	Correction Threshold 1_Bk	*ENG	[0 to 600000 / 5000 / 10page/step]
	Sets time-lapse correction threshold.		
006	Correction Threshold 1_Color	*ENG	[0 to 600000 / 5000 / 10page/step]
	Sets time-lapse correction threshold.		
007	Correction Threshold 2_Bk	*ENG	[0 to 600000 / 20000 / 10page/step]
	Sets time-lapse correction threshold.		
008	Correction Threshold 2_Color	*ENG	[0 to 600000 / 20000 / 10page/step]
	Sets time-lapse correction threshold.		
009	Correction Threshold 3_Bk	*ENG	[0 to 600000 / 50000 / 10page/step]
	Sets time-lapse correction threshold.		
010	Correction Threshold 3_Color	*ENG	[0 to 600000 / 50000 / 10page/step]
	Sets time-lapse correction threshold.		
2308	[Paper Size Correction]		
	Sets paper width threshold for paper size correction.		

001	Threshold 1	*ENG	[0 to 350 / 297 / 1mm/step]
002	Threshold 2	*ENG	[0 to 350 / 257 / 1mm/step]
003	Threshold 3	*ENG	[0 to 350 / 210 / 1mm/step]
004	Threshold 4	*ENG	[0 to 350 / 148 / 1mm/step]
2308	[Paper Size Correction]		
	Sets paper width threshold for paper size correction (when using optional roller.).		
005	Threshold 1	*ENG	[0 to 350 / 297 / 1mm/step]
006	Threshold 2	*ENG	[0 to 350 / 257 / 1mm/step]
007	Threshold 3	*ENG	[0 to 350 / 210 / 1mm/step]
008	Threshold 4	*ENG	[0 to 350 / 148 / 1mm/step]

2311	[Non Image Area:Bias]		
	Sets bias for non image area.		
001	Image Transfer	*ENG	[10 to 250 / 100 / 5%/step]
002	Paper Transfer	*ENG	[0 to 230 / 0 / 1-uA/step]
	* When between papers are close.		
003	Paper Transfer	*ENG	[0 to 2100 / 500 / 10V/step]

2316	[Power ON:Bias]		
	Sets bias for non image area.		
001	Image Transfer	*ENG	[0 to 80 / 5 / 1uA/step]

2326	[Transfer Roller CL:Bias]		
	Sets CL bias for corresponding operation.		
001	Positive:befor and after JOB	*ENG	[0 to 2100 / 250 / 10V/step]
002	Negative:befor and after JOB	*ENG	[10 to 995 / 100 / 10%/step]
003	Positive:befor and afterProcon	*ENG	[0 to 2100 / 2000 / 10V/step]

004	Negative:befor and afterProcon	*ENG	[10 to 995 / 100 / 10%/step]
005	Positive:prevention	*ENG	[0 to 2100 / 500 / 10V/step]

2351	[Common:BW:Bias]		
	Sets image transfer output value per line speed in BW mode.		
001	Image Transfer:standard	*ENG	[0 to 80 / 33 / 1uA/step]
002	Image Transfer:Middle	*ENG	[0 to 80 / 24 / 1uA/step]
003	Image Transfer:low	*ENG	[0 to 80 / 16 / 1uA/step]

2357	[Common:FC:Bias]		
	Sets image transfer output value per line speed in FC mode.		
001	ImageTransfer:standard:Bk	*ENG	[0 to 60 / 33 / 1uA/step]
002	ImageTransfer:standard:C	*ENG	[0 to 60 / 33 / 1uA/step]
003	ImageTransfer:standard:M	*ENG	[0 to 60 / 33 / 1uA/step]
004	ImageTransfer:standard:Y	*ENG	[0 to 60 / 38 / 1uA/step]
005	ImageTransfer:Middle:Bk	*ENG	[0 to 60 / 24 / 1uA/step]
006	ImageTransfer:Middle:C	*ENG	[0 to 60 / 24 / 1uA/step]
007	ImageTransfer:Middle:M	*ENG	[0 to 60 / 26 / 1uA/step]
008	ImageTransfer:Middle:Y	*ENG	[0 to 60 / 28 / 1uA/step]
009	Image Transfer:low:Bk	*ENG	[0 to 60 / 16 / 1uA/step]
010	Image Transfer:low:C	*ENG	[0 to 60 / 16 / 1uA/step]
011	Image Transfer:low:M	*ENG	[0 to 60 / 18 / 1uA/step]
012	Image Transfer:low:Y	*ENG	[0 to 60 / 19 / 1uA/step]

2360	[Common:BW:Env.CorrectionTable]		
	Sets image transfer output environment correction table per line speed in BW mode.		
001	Image Transfer:standard	*ENG	[1 to 100 / 2 / 1/step]

002	Image Transfer:Middle	*ENG	[1 to 100 / 2 / 1/step]
003	Image Transfer:low	*ENG	[1 to 100 / 2 / 1/step]
2360	[Common:FC:Env.CorrectionTable]		
	Sets image transfer output environment correction table per line speed in FC mode.		
004	ImageTransfer:standard:Bk	*ENG	[1 to 100 / 1 / 1/step]
005	ImageTransfer:standard:C	*ENG	[1 to 100 / 2 / 1/step]
006	ImageTransfer:standard:M	*ENG	[1 to 100 / 3 / 1/step]
007	ImageTransfer:standard:Y	*ENG	[1 to 100 / 4 / 1/step]
008	ImageTransfer:Middle:Bk	*ENG	[1 to 100 / 1 / 1/step]
009	ImageTransfer:Middle:C	*ENG	[1 to 100 / 2 / 1/step]
010	ImageTransfer:Middle:M	*ENG	[1 to 100 / 3 / 1/step]
011	ImageTransfer:Middle:Y	*ENG	[1 to 100 / 4 / 1/step]
012	Image Transfer:low:Bk	*ENG	[1 to 100 / 1 / 1/step]
013	Image Transfer:low:C	*ENG	[1 to 100 / 2 / 1/step]
014	Image Transfer:low:M	*ENG	[1 to 100 / 3 / 1/step]
015	Image Transfer:low:Y	*ENG	[1 to 100 / 4 / 1/step]

2361	[Time-Lapse Correction: Div 1]		
	Input table number of time-lapse correction.		
001	Standard Speed: Bk	*ENG	[1 to 60 / 2 / 1/step]
002	Mid Speed: Bk	ENG	
003	Low Speed: Bk	ENG	

004	Standard Speed: FC: K	*ENG	[1 to 60 / 1 / 1/step]
005	Standard Speed: FC: C	*ENG	
006	Standard Speed: FC: M	*ENG	
007	Standard Speed: FC: Y	*ENG	
008	Mid Speed: FC: K	ENG	
009	Mid Speed: FC: C	ENG	
010	Mid Speed: FC: M	ENG	
011	Mid Speed: FC: Y	ENG	
012	Low Speed: FC: K	ENG	
013	Low Speed: FC: C	ENG	
014	Low Speed: FC: M	ENG	
015	Low Speed: FC: Y	ENG	

2362	[Time-Lapse Correction: Div 2]		
	Input table number of time-lapse correction.		
001	Standard Speed: Bk	*ENG	[1 to 60 / 3 / 1/step]
002	Mid Speed: Bk	ENG	
003	Low Speed: Bk	ENG	

004	Standard Speed: FC: K	*ENG	[1 to 60 / 1 / 1/step]
005	Standard Speed: FC: C	*ENG	
006	Standard Speed: FC: M	*ENG	
007	Standard Speed: FC: Y	*ENG	
008	Mid Speed: FC: K	ENG	
009	Mid Speed: FC: C	ENG	
010	Mid Speed: FC: M	ENG	
011	Mid Speed: FC: Y	ENG	
012	Low Speed: FC: K	ENG	
013	Low Speed: FC: C	ENG	
014	Low Speed: FC: M	ENG	
015	Low Speed: FC: Y	ENG	

2363	[Time-Lapse Correction: Div 3]		
	Input table number of time-lapse correction.		
001	Standard Speed: Bk	*ENG	[1 to 60 / 4 / 1/step]
002	Mid Speed: Bk	ENG	
003	Low Speed: Bk	ENG	

004	Standard Speed: FC: K	*ENG	[1 to 60 / 1 / 1/step]
005	Standard Speed: FC: C	*ENG	
006	Standard Speed: FC: M	*ENG	
007	Standard Speed: FC: Y	*ENG	
008	Mid Speed: FC: K	ENG	
009	Mid Speed: FC: C	ENG	
010	Mid Speed: FC: M	ENG	
011	Mid Speed: FC: Y	ENG	
012	Low Speed: FC: K	ENG	
013	Low Speed: FC: C	ENG	
014	Low Speed: FC: M	ENG	
015	Low Speed: FC: Y	ENG	

2400	[Paper Transfer Roller Settings]		
001	Width of Paper Transfer Roller	*ENG	[0 or 1 / 0 / 1/step] 0: Default roller 1: Wide roller
	Width of Paper Transfer Roller		
002	Detach timing in waiting	*ENG	[0 to 600 / 240 / 1min/step]
	Detach timing in waiting		

2403	[Plain 1: Bias: BW]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
	001	PaperTransfer:standard:1side	*ENG [0 to 200 / 22 / 1-uA/step]
	002	PaperTransfer:standard:2side	*ENG [0 to 200 / 22 / 1-uA/step]
	003	PaperTransfer:low:1side	*ENG [0 to 200 / 11 / 1-uA/step]



004	PaperTransfer:low:2side	*ENG	[0 to 200 / 11 / 1-uA/step]
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2407	[Plain1:Bias:FC]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / 29 / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / 29 / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / 14 / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / 14 / 1-uA/step]

2411	[Plain1:SizeCorrection:BW]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 105 / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 105 / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 105 / 1%/step]

010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 105 / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 118 / 1%/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 131 / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 118 / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 131 / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 132 / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 184 / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 132 / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 184 / 1%/step]
	[Plain 1:SizeCorrection:BW]		
2411	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (When using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]

024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 105 / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 105 / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 105 / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 105 / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 118 / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 131 / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 118 / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 131 / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 132 / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 184 / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 132 / 1%/step]

040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 184 / 1%/step]
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2412	[Plain1:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		

001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
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002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
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003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
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004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
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005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 120 / 1%/step]
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006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 140 / 1%/step]
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007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 120 / 1%/step]
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008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 140 / 1%/step]
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009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]
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010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 180 / 1%/step]
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011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
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012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 180 / 1%/step]
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013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 130 / 1%/step]
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014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 200 / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 130 / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 200 / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 240 / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 240 / 1%/step]
2412	[Plain1:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (When using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 120 / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 140 / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 120 / 1%/step]

028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 140 / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 180 / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 180 / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 130 / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 200 / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 130 / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 200 / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 240 / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 240 / 1%/step]

2413	[Plain1:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 15 / 1/step]

003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 10 / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 15 / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 11 / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 16 / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 11 / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 16 / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 17 / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 12 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 17 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 18 / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 13 / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 18 / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 19 / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 14 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 19 / 1/step]
2413	[Plain1:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (When using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 15 / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 10 / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 15 / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 11 / 1/step]

026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 16 / 1/step]
027	Wide Roller:PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / 11 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 16 / 1/step]
029	Wide Roller:PaperTransfer:Standard:1 Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 17 / 1/step]
031	Wide Roller:PaperTransfer:Low:1 Side:S3	*ENG	[1 to 100 / 12 / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 17 / 1/step]
033	Wide Roller:PaperTransfer:Standard:1 Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 18 / 1/step]
035	Wide Roller:PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 13 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 18 / 1/step]
037	Wide Roller:PaperTransfer:Standard:1 Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 19 / 1/step]
039	Wide Roller:PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / 14 / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 19 / 1/step]

2414	[Plain1:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1 Sid:S1	*ENG	[1 to 100 / 20 / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 25 / 1/step]
003	PaperTransfer:Low:1 Side:S1	*ENG	[1 to 100 / 20 / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 25 / 1/step]
005	PaperTransfer:Standard:1 Sid:S2	*ENG	[1 to 100 / 21 / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 26 / 1/step]
007	PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / 21 / 1/step]



008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 26 / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 22 / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 27 / 1/step]
011	PaperTransfer:Low:1 Side:S3	*ENG	[1 to 100 / 22 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 27 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 23 / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 28 / 1/step]
015	PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 23 / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 28 / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 24 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 29 / 1/step]
019	PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / 24 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 29 / 1/step]
2414	[Plain 1 :Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (When using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 20 / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 25 / 1/step]
023	Wide Roller:PaperTransfer:Low:1 Side:S 1	*ENG	[1 to 100 / 20 / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S 1	*ENG	[1 to 100 / 25 / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 21 / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 26 / 1/step]
027	Wide Roller:PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / 21 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 26 / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 22 / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 27 / 1/step]

031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 22 / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 27 / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 23 / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 28 / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 23 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 28 / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 24 / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 29 / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 24 / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 29 / 1/step]

2415	[Plain1:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2416	[Plain1:SwitchTimingLeadEdge]		
	Sets output value [%] for paper transfer ampere leading edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2417	[Plain1:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2418	[Plain1:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction of paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2423	[Plain2:Bias:BW]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / 22 / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / 22 / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / 11 / 1-uA/step]

2425	[Hhsmall:LeadEdgeCorrection]		
	*Un used		
001	PaperTransfer:1side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:2stSid	*ENG	[0 to 995 / 100 / 5%/step]

2427	[Plain2:Bias:FC]		
	Sets paper transfer ampere per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / 29 / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / 29 / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / 14 / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / 14 / 1-uA/step]

2431	[Plain2:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 105 / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 105 / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 105 / 1%/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]

011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 105 / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 118 / 1%/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 131 / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 118 / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 131 / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 132 / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 184 / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 132 / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 184 / 1%/step]
	[Plain2:SizeCorrection:BW]		
2431	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]

025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 105 / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 105 / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 105 / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 105 / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 118 / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 131 / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 118 / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 131 / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 132 / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 184 / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 132 / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 184 / 1%/step]

2432	[Plain2:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 120 / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 140 / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 120 / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 140 / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 180 / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 180 / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 130 / 1%/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 200 / 1%/step]

015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 130 / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 200 / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 240 / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 240 / 1%/step]
2432	[Plain2:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 120 / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 140 / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 120 / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 140 / 1%/step]



029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 180 / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 180 / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 130 / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 200 / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 130 / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 200 / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 240 / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 240 / 1%/step]

2433	[Plain2:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 15 / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 10 / 1/step]

004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 15 / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 11 / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 16 / 1/step]
007	PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / 11 / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 16 / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 17 / 1/step]
011	PaperTransfer:Low:1 Side:S3	*ENG	[1 to 100 / 12 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 17 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 18 / 1/step]
015	PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 13 / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 18 / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 19 / 1/step]
019	PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / 14 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 19 / 1/step]
	[Plain2:Size-Env.Correct:BW]		
2433	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 15 / 1/step]
023	Wide Roller:PaperTransfer:Low:1 Side:S1	*ENG	[1 to 100 / 10 / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 15 / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 11 / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 16 / 1/step]

027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 11 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 16 / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 17 / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 12 / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 17 / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 18 / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 13 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 18 / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 19 / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 14 / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 19 / 1/step]

2434	[Plain2:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 20 / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 25 / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 20 / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 25 / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 21 / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 26 / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 21 / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 26 / 1/step]

009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 22 / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 27 / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 22 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 27 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 23 / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 28 / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 23 / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 28 / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 24 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 29 / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 24 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 29 / 1/step]
2434	[Plain2:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per paper thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 20 / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 25 / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 20 / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 25 / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 21 / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 26 / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 21 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 26 / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 22 / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 27 / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 22 / 1/step]

032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 27 / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 23 / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 28 / 1/step]
035	Wide Roller:PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 23 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 28 / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 24 / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 29 / 1/step]
039	Wide Roller:PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / 24 / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 29 / 1/step]

2435	[Plain2:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer leading edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1 Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1 side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2436	[Plain2:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correct per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1 side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1 side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2437	[Plain2:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer trailing edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2438	[Plain2:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correct per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2443	[Middle:Bias:BW]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / 22 / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / 22 / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / 11 / 1-uA/step]

2447	[Middle:Bias:FC]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / 29 / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / 30 / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / 14 / 1-uA/step]

004	PaperTransfer:low:2side	*ENG	[0 to 200 / 15 / 1-uA/step]
2451	[Middle:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 106 / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 106 / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 105 / 1%/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 110 / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 105 / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 110 / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 113 / 1%/step]

014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 120 / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 113 / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 120 / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 118 / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 118 / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
2451	[Middle:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 106 / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]



028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 106 / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 105 / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 110 / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 105 / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 110 / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 113 / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 120 / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 113 / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 120 / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 118 / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 118 / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 140 / 1%/step]

2452	[Middle:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]

002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 106 / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 132 / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 106 / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 132 / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 110 / 1%/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 170 / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 110 / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 170 / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 120 / 1%/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 189 / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 120 / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 189 / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]

018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 245 / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 245 / 1%/step]
2452	[Middle:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 106 / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 132 / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 106 / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 132 / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 110 / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 170 / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 110 / 1%/step]

032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 170 / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 120 / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 189 / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 120 / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 189 / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 245 / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 245 / 1%/step]

	[Middle:Size-Env.Correct:BW]		
2453	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 41 / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 10 / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 41 / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 39 / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 42 / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 39 / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 42 / 1/step]

009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 40 / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 43 / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 40 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 43 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 40 / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 44 / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 40 / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 44 / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 40 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 45 / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 40 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 45 / 1/step]
2453	[Middle:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 41 / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S 1	*ENG	[1 to 100 / 10 / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S 1	*ENG	[1 to 100 / 41 / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 39 / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 42 / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 39 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 42 / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 40 / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 43 / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 40 / 1/step]

032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 43 / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 40 / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 44 / 1/step]
035	Wide Roller:PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 40 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 44 / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 40 / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 45 / 1/step]
039	Wide Roller:PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / 40 / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 45 / 1/step]

2454	[Middle:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 20 / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 49 / 1/step]
003	PaperTransfer:Low:1 Side:S1	*ENG	[1 to 100 / 20 / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 49 / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 46 / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 50 / 1/step]
007	PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / 46 / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 50 / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 47 / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 51 / 1/step]
011	PaperTransfer:Low:1 Side:S3	*ENG	[1 to 100 / 47 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 51 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 48 / 1/step]

014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 52 / 1/step]
015	PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 48 / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 52 / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 48 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 53 / 1/step]
019	PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / 48 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 53 / 1/step]
2454	[Middle:Size-Env.Correct:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 20 / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 49 / 1/step]
023	Wide Roller:PaperTransfer:Low:1 Side:S 1	*ENG	[1 to 100 / 20 / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S 1	*ENG	[1 to 100 / 49 / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 46 / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 50 / 1/step]
027	Wide Roller:PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / 46 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 50 / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 47 / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 51 / 1/step]
031	Wide Roller:PaperTransfer:Low:1 Side:S3	*ENG	[1 to 100 / 47 / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 51 / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 48 / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 52 / 1/step]
035	Wide Roller:PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 48 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 52 / 1/step]

037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 48 / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 53 / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 48 / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 53 / 1/step]

2455	[Middle:LeadingEdgeCorrection]		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2456	[Middle:SwitchTimingLeadEdge]		
	Sets switch timing for paper transfer ampere leading edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2457	[Middle:TrailEdgeCorrection]		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]



2458	[Middle:SwitchTimingTrailEdge]		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2463	[Thin:Bias:BW]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid	*ENG	[0 to 200 / 22 / 1-uA/step]
002	PaperTransfer:Standard:2Sid	*ENG	[0 to 200 / 22 / 1-uA/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 200 / 11 / 1-uA/step]

2467	[Thin:Bias:FC]		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid	*ENG	[0 to 200 / 29 / 1-uA/step]
002	PaperTransfer:Standard:2Sid	*ENG	[0 to 200 / 29 / 1-uA/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 200 / 14 / 1-uA/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 200 / 14 / 1-uA/step]

2471	[Thin:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]

003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 105 / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 105 / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 111 / 1%/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 140 / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 111 / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 140 / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 121 / 1%/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 175 / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 121 / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 175 / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 132 / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 211 / 1%/step]

019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 132 / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 211 / 1%/step]
2471	[Thin:SizeCorrection:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 105 / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 105 / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 111 / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 140 / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 111 / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 140 / 1%/step]

033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 121 / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 175 / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 121 / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 175 / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 132 / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 211 / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 132 / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 211 / 1%/step]

	[Thin:SizeCorrection:FC]		
2472	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
002	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 106 / 1%/step]
006	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 130 / 1%/step]

007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 106 / 1%/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 130 / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 117 / 1%/step]
010	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 153 / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 117 / 1%/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 153 / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 128 / 1%/step]
014	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 177 / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 128 / 1%/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 177 / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 200 / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 200 / 1%/step]
2472	[Thin:SizeCorrection:FC]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		

021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 106 / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 130 / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 106 / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 130 / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 117 / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 153 / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 117 / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 153 / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 128 / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / 177 / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / 128 / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / 177 / 1%/step]

037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / 140 / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / 200 / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / 140 / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / 200 / 1%/step]

2473	[Thin:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
002	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 15 / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 10 / 1/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 15 / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 11 / 1/step]
006	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 16 / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 11 / 1/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 16 / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
010	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 30 / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 12 / 1/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 30 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
014	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 31 / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 13 / 1/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 31 / 1/step]

017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 32 / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 14 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 32 / 1/step]
2473	[Thin:Size-Env.Correct:BW]		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 15 / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 10 / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 15 / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 11 / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 16 / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 11 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 16 / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 30 / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 12 / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 30 / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 31 / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 13 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 31 / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 32 / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 14 / 1/step]



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040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 32 / 1/step]
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## Main SP Tables-2-2

### SP2-474 to 2-990 (Drum)

2

[Thin:Size-Env.Correct:FC]			
2474	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
002	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
006	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>35</b> / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>35</b> / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / <b>33</b> / 1/step]
010	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / <b>36</b> / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>33</b> / 1/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>36</b> / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / <b>34</b> / 1/step]
014	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / <b>37</b> / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>34</b> / 1/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>37</b> / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>38</b> / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>38</b> / 1/step]

2474	<b>[Thin:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / <b>35</b> / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>35</b> / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / <b>33</b> / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / <b>36</b> / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>33</b> / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>36</b> / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / <b>34</b> / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / <b>37</b> / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>34</b> / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>37</b> / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>38</b> / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>38</b> / 1/step]

2475	<b>[Thin:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per paper thickness / line speed / printing sides.		

001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

<b>2476</b>	<b>[Thin:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

<b>2477</b>	<b>[Thin:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per paper thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

<b>2478</b>	<b>[Thin:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

<b>2483</b>	<b>[Thick1:Bias:BW]</b>		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1side	*ENG	[0 to 200 / <b>16</b> / 1-uA/step]
002	PaperTransfer:middle:2side	*ENG	[0 to 200 / <b>13</b> / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / <b>11</b> / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / <b>9</b> / 1-uA/step]

<b>2487</b>	<b>[Thick1:Bias:FC]</b>		
	Sets paper transfer ampere per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1side	*ENG	[0 to 200 / <b>23</b> / 1-uA/step]
002	PaperTransfer:middle:2side	*ENG	[0 to 200 / <b>26</b> / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / <b>16</b> / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / <b>18</b> / 1-uA/step]

<b>2491</b>	<b>[Thick1:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
002	PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
005	PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
006	PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / <b>177</b> / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>177</b> / 1%/step]
009	PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
010	PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / <b>231</b> / 1%/step]

011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>231</b> / 1%/step]
013	PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
014	PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / <b>270</b> / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>270</b> / 1%/step]
017	PaperTransfer:middle:1Sid:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
018	PaperTransfer:middle:2Sid:S5	*ENG	[100 to 995 / <b>308</b> / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>308</b> / 1%/step]
<b>2491</b>	<b>[Thick1:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
022	Wide Roller:PaperTransfer:middle:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
025	Wide Roller:PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
026	Wide Roller:PaperTransfer:middle:2Sid:S2	*ENG	[100 to 995 / <b>177</b> / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>177</b> / 1%/step]
029	Wide Roller:PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
030	Wide Roller:PaperTransfer:middle:2Sid:S3	*ENG	[100 to 995 / <b>231</b> / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>231</b> / 1%/step]
033	Wide Roller:PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]

034	Wide Roller:PaperTransfer:middle:2Sid:S4	*ENG	[100 to 995 / <b>270</b> / 1%/step]
035	Wide Roller:PaperTransfer:Low:1 Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>270</b> / 1%/step]
037	Wide Roller:PaperTransfer:middle:1 Sid:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
038	Wide Roller:PaperTransfer:middle:2Sid:S5	*ENG	[100 to 995 / <b>308</b> / 1%/step]
039	Wide Roller:PaperTransfer:Low:1 Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>308</b> / 1%/step]

<b>2492</b>	<b>[Thick1:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1 Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
002	PaperTransfer:middle:1 Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
003	PaperTransfer:Low:1 Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:Low:1 Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
005	PaperTransfer:middle:1 Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
006	PaperTransfer:middle:1 Sid:S2	*ENG	[100 to 995 / <b>173</b> / 1%/step]
007	PaperTransfer:Low:1 Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:Low:1 Side:S2	*ENG	[100 to 995 / <b>173</b> / 1%/step]
009	PaperTransfer:middle:1 Sid:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
010	PaperTransfer:middle:1 Sid:S3	*ENG	[100 to 995 / <b>250</b> / 1%/step]
011	PaperTransfer:Low:1 Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:Low:1 Side:S3	*ENG	[100 to 995 / <b>250</b> / 1%/step]
013	PaperTransfer:middle:1 Sid:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
014	PaperTransfer:middle:1 Sid:S4	*ENG	[100 to 995 / <b>308</b> / 1%/step]
015	PaperTransfer:Low:1 Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]

016	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>308</b> / 1%/step]
017	PaperTransfer:middle:1Sid:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
018	PaperTransfer:middle:2Sid:S5	*ENG	[100 to 995 / <b>385</b> / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>385</b> / 1%/step]
<b>2492</b>	<b>[Thick1:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides. (With using optional wide unit)		
021	Wide Roller:PaperTransfer:middle:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
022	Wide Roller:PaperTransfer:middle:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
025	Wide Roller:PaperTransfer:middle:1Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
026	Wide Roller:PaperTransfer:middle:2Sid:S2	*ENG	[100 to 995 / <b>173</b> / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>173</b> / 1%/step]
029	Wide Roller:PaperTransfer:middle:1Sid:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
030	Wide Roller:PaperTransfer:middle:2Sid:S3	*ENG	[100 to 995 / <b>250</b> / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>250</b> / 1%/step]
033	Wide Roller:PaperTransfer:middle:1Sid:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
034	Wide Roller:PaperTransfer:middle:2Sid:S4	*ENG	[100 to 995 / <b>308</b> / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>308</b> / 1%/step]
037	Wide Roller:PaperTransfer:middle:1Sid:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
038	Wide Roller:PaperTransfer:middle:2Sid:S5	*ENG	[100 to 995 / <b>385</b> / 1%/step]



039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>385</b> / 1%/step]

<b>2493</b>	<b>[Thick1:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		
001	PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / <b>54</b> / 1/step]
002	PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / <b>57</b> / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>54</b> / 1/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>57</b> / 1/step]
005	PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / <b>55</b> / 1/step]
006	PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / <b>58</b> / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>55</b> / 1/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>58</b> / 1/step]
009	PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / <b>56</b> / 1/step]
010	PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / <b>59</b> / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>56</b> / 1/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>59</b> / 1/step]
013	PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / <b>56</b> / 1/step]
014	PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / <b>60</b> / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>56</b> / 1/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>60</b> / 1/step]
017	PaperTransfer:middle:1Sid:S5	*ENG	[1 to 100 / <b>56</b> / 1/step]
018	PaperTransfer:middle:2Sid:S5	*ENG	[1 to 100 / <b>61</b> / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>56</b> / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>61</b> / 1/step]

2493	<b>[Thick1:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.(With using optional wide unit)		
021	Wide Roller:PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / <b>54</b> / 1/step]
022	Wide Roller:PaperTransfer:middle:2Sid:S1	*ENG	[1 to 100 / <b>57</b> / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>54</b> / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>57</b> / 1/step]
025	Wide Roller:PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / <b>55</b> / 1/step]
026	Wide Roller:PaperTransfer:middle:2Sid:S2	*ENG	[1 to 100 / <b>58</b> / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>55</b> / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>58</b> / 1/step]
029	Wide Roller:PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / <b>56</b> / 1/step]
030	Wide Roller:PaperTransfer:middle:2Sid:S3	*ENG	[1 to 100 / <b>59</b> / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>56</b> / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>59</b> / 1/step]
033	Wide Roller:PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / <b>56</b> / 1/step]
034	Wide Roller:PaperTransfer:middle:2Sid:S4	*ENG	[1 to 100 / <b>60</b> / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>56</b> / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>60</b> / 1/step]
037	Wide Roller:PaperTransfer:middle:1Sid:S5	*ENG	[1 to 100 / <b>56</b> / 1/step]
038	Wide Roller:PaperTransfer:middle:2Sid:S5	*ENG	[1 to 100 / <b>61</b> / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>56</b> / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>61</b> / 1/step]

2494	<b>[Thick1:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.		

001	PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / 13 / 1/step]
002	PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / 65 / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 13 / 1/step]
004	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 65 / 1/step]
005	PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / 63 / 1/step]
006	PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / 66 / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 63 / 1/step]
008	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 66 / 1/step]
009	PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / 63 / 1/step]
010	PaperTransfer:middle:1Sid:S3	*ENG	[1 to 100 / 67 / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 63 / 1/step]
012	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 67 / 1/step]
013	PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / 64 / 1/step]
014	PaperTransfer:middle:1Sid:S4	*ENG	[1 to 100 / 68 / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 64 / 1/step]
016	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 68 / 1/step]
017	PaperTransfer:middle:1Sid:S5	*ENG	[1 to 100 / 64 / 1/step]
018	PaperTransfer:middle:2Sid:S5	*ENG	[1 to 100 / 69 / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 64 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 69 / 1/step]
2494	<b>[Thick1:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size correction per thickness / mode (FC/BW) / line speed / printing sides.(With using optional wide unit)		
021	Wide Roller:PaperTransfer:middle:1Sid:S1	*ENG	[1 to 100 / 13 / 1/step]
022	Wide Roller:PaperTransfer:middle:2Sid:S1	*ENG	[1 to 100 / 65 / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 13 / 1/step]

024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 65 / 1/step]
025	Wide Roller:PaperTransfer:middle:1Sid:S2	*ENG	[1 to 100 / 63 / 1/step]
026	Wide Roller:PaperTransfer:middle:2Sid:S2	*ENG	[1 to 100 / 66 / 1/step]
027	Wide Roller:PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / 63 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 66 / 1/step]
029	Wide Roller:PaperTransfer:middle:1 Sid:S3	*ENG	[1 to 100 / 63 / 1/step]
030	Wide Roller:PaperTransfer:middle:2Sid:S3	*ENG	[1 to 100 / 67 / 1/step]
031	Wide Roller:PaperTransfer:Low:1 Side:S3	*ENG	[1 to 100 / 63 / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 67 / 1/step]
033	Wide Roller:PaperTransfer:middle:1 Sid:S4	*ENG	[1 to 100 / 64 / 1/step]
034	Wide Roller:PaperTransfer:middle:2Sid:S4	*ENG	[1 to 100 / 68 / 1/step]
035	Wide Roller:PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 64 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 68 / 1/step]
037	Wide Roller:PaperTransfer:middle:1 Sid:S5	*ENG	[1 to 100 / 64 / 1/step]
038	Wide Roller:PaperTransfer:middle:2Sid:S5	*ENG	[1 to 100 / 69 / 1/step]
039	Wide Roller:PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / 64 / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 69 / 1/step]

2495	<b>[Thick1:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:middle:1 Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:middle:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1 side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2496	<b>[Thick1:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge per thickness / line speed / printing speed.		
001	PaperTransfer:middle:1 side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:middle:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1 side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2497	<b>[Thick1:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:middle:1 Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:middle:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1 side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2498	<b>[Thick1:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / line speed / printing sides.		
001	PaperTransfer:middle:1 Side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:middle:2Side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1 side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2503	<b>[Thick2:Bias:BW]</b>		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1 side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / 15 / 1-uA/step]

2507	<b>[Thick2:Bias:FC]</b>		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1side	*ENG	[0 to 200 / <b>19</b> / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / <b>21</b> / 1-uA/step]

2511	<b>[Thick2:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]
2511	<b>[Thick2:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]

035	Wide Roller:PaperTransfer:1 Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
039	Wide Roller:PaperTransfer:1 Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]

2512	<b>[Thick2:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1 Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1 Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
011	PaperTransfer:1 Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
015	PaperTransfer:1 Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
019	PaperTransfer:1 Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]
2512	<b>[Thick2:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1 Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1 Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
031	Wide Roller:PaperTransfer:1 Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]

035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]

2513	<b>[Thick2:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>70</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>72</b> / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>71</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>73</b> / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>71</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>74</b> / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>71</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>75</b> / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>71</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>76</b> / 1/step]
2513	<b>[Thick2:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>70</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>72</b> / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>71</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>73</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>71</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>74</b> / 1/step]



035	Wide Roller:PaperTransfer:1 Side:S4	*ENG	[1 to 100 / <b>71</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>75</b> / 1/step]
039	Wide Roller:PaperTransfer:1 Side:S5	*ENG	[1 to 100 / <b>71</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>76</b> / 1/step]

<b>2514</b>	<b>[Thick2:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1 Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>80</b> / 1/step]
007	PaperTransfer:1 Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>81</b> / 1/step]
011	PaperTransfer:1 Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>82</b> / 1/step]
015	PaperTransfer:1 Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>83</b> / 1/step]
019	PaperTransfer:1 Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>84</b> / 1/step]
<b>2514</b>	<b>[Thick2:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1 Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>80</b> / 1/step]
027	Wide Roller:PaperTransfer:1 Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>81</b> / 1/step]
031	Wide Roller:PaperTransfer:1 Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>82</b> / 1/step]

035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>83</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>84</b> / 1/step]

<b>2515</b>	<b>[Thick2:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

<b>2516</b>	<b>[Thick2:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

<b>2517</b>	<b>[Thick2:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

<b>2518</b>	<b>[Thick2:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

<b>2523</b>	<b>[Thick3:Bias:BW]</b>		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1side	*ENG	[0 to 200 / <b>11</b> / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / <b>15</b> / 1-uA/step]

<b>2527</b>	<b>[Thick3:Bias:FC]</b>		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1side	*ENG	[0 to 200 / <b>19</b> / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / <b>21</b> / 1-uA/step]

<b>2531</b>	<b>[Thick3:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]
<b>2531</b>	<b>[Thick3:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]

024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]

<b>2532</b>	<b>[Thick3:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]
<b>2532</b>	<b>[Thick3:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]

024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]

<b>2533</b>	<b>[Thick3:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>85</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>87</b> / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>86</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>88</b> / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>86</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>89</b> / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>86</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>90</b> / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>86</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>91</b> / 1/step]
<b>2533</b>	<b>[Thick3:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>85</b> / 1/step]

024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>87</b> / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>86</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>88</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>86</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>89</b> / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>86</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>90</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>86</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>91</b> / 1/step]

<b>2534</b>	<b>[Thick3:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>92</b> / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>93</b> / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>94</b> / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>95</b> / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>96</b> / 1/step]
<b>2534</b>	<b>[Thick3:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]

024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>92</b> / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>93</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>94</b> / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>95</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>96</b> / 1/step]

<b>2535</b>	<b>[Thick3:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

<b>2536</b>	<b>[Thick3:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

<b>2537</b>	<b>[Thick3:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

2538	<b>[Thick3:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2543	<b>[OHP:Bias:BW]</b>		
	Sets paper transfer ampere per mode (FC/BW) of OHP.		
003	PaperTransfer	*ENG	[0 to 200 / 11 / 1-uA/step]

2547	<b>[OHP:Bias:FC]</b>		
	Sets paper transfer ampere per mode (FC/BW) of OHP.		
003	PaperTransfer	*ENG	[0 to 200 / 19 / 1-uA/step]

2551	<b>[OHP:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP.		
003	PaperTransfer:S1	*ENG	[100 to 995 / 100 / 1%/step]
007	PaperTransfer:S2	*ENG	[100 to 995 / 100 / 1%/step]
011	PaperTransfer:S3	*ENG	[100 to 995 / 100 / 1%/step]
015	PaperTransfer:S4	*ENG	[100 to 995 / 100 / 1%/step]
019	PaperTransfer:S5	*ENG	[100 to 995 / 100 / 1%/step]
2551	<b>[OHP:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:S1	*ENG	[100 to 995 / 100 / 1%/step]
027	Wide Roller:PaperTransfer:S2	*ENG	[100 to 995 / 100 / 1%/step]
031	Wide Roller:PaperTransfer:S3	*ENG	[100 to 995 / 100 / 1%/step]



035	Wide Roller:PaperTransfer:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
039	Wide Roller:PaperTransfer:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]

<b>2552</b>	<b>[OHP:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP.		
003	PaperTransfer:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
011	PaperTransfer:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
015	PaperTransfer:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
019	PaperTransfer:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]
<b>2552</b>	<b>[OHP:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
031	Wide Roller:PaperTransfer:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
035	Wide Roller:PaperTransfer:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
039	Wide Roller:PaperTransfer:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]

<b>2553</b>	<b>[OHP:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP.		
003	PaperTransfer:S1	*ENG	[1 to 100 / <b>70</b> / 1/step]
007	PaperTransfer:S2	*ENG	[1 to 100 / <b>71</b> / 1/step]
011	PaperTransfer:S3	*ENG	[1 to 100 / <b>72</b> / 1/step]
015	PaperTransfer:S4	*ENG	[1 to 100 / <b>72</b> / 1/step]
019	PaperTransfer:S5	*ENG	[1 to 100 / <b>72</b> / 1/step]

2553	<b>[OHP:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:S1	*ENG	[1 to 100 / <b>70</b> / 1/step]
027	Wide Roller:PaperTransfer:S2	*ENG	[1 to 100 / <b>71</b> / 1/step]
031	Wide Roller:PaperTransfer:S3	*ENG	[1 to 100 / <b>72</b> / 1/step]
035	Wide Roller:PaperTransfer:S4	*ENG	[1 to 100 / <b>72</b> / 1/step]
039	Wide Roller:PaperTransfer:S5	*ENG	[1 to 100 / <b>72</b> / 1/step]

2554	<b>[OHP:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP.		
003	PaperTransfer:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
007	PaperTransfer:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
011	PaperTransfer:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
015	PaperTransfer:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
019	PaperTransfer:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]

2554	<b>[OHP:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) of OHP. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
027	Wide Roller:PaperTransfer:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
031	Wide Roller:PaperTransfer:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
035	Wide Roller:PaperTransfer:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
039	Wide Roller:PaperTransfer:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]

2555	<b>[OHP:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction of OHP.		

003	Paper Transfer	*ENG	[0 to 995 / <b>100</b> / 5%/step]
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2556	<b>[OHP:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction of OHP.		
003	Paper Transfer	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

2557	<b>[OHP:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction of OHP.		
003	Paper Transfer	*ENG	[0 to 995 / <b>100</b> / 5%/step]

2558	<b>[OHP:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction of OHP.		
003	Paper Transfer	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

2563	<b>[Special1:Bias:BW]</b>		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / <b>22</b> / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / <b>22</b> / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / <b>11</b> / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / <b>11</b> / 1-uA/step]

2567	<b>[Special1:Bias:FC]</b>		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / <b>29</b> / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to (D146: 200, D147: 200, D148: 250, D149: 250, D150: 250) / <b>D146: 29, D147: 29, D148: 36, D149: 50, D150: 50</b> / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / <b>14</b> / 1-uA/step]

004	PaperTransfer:low:2side	*ENG	[0 to 200 / 14 / 1-uA/step]
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2571	<b>[Special1:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / 100 / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / 100 / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / 105 / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / 100 / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / 105 / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / 105 / 1%/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / 118 / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / 105 / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / 118 / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / 118 / 1%/step]

014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]
<b>2571</b>	<b>[Special 1:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 1. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]

028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]

	<b>[Special1:SizeCorrection:FC]</b>		
<b>2572</b>	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]

002	PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]

018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
<b>2572</b>	<b>[Special 1:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 1. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]



032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]

	<b>[Special 1:Size-Env.Correct:BW]</b>		
<b>2573</b>	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>10</b> / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / <b>15</b> / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>10</b> / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>15</b> / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>11</b> / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / <b>16</b> / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>11</b> / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>16</b> / 1/step]

009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 17 / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 12 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 17 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 18 / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 13 / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 18 / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 19 / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 14 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 19 / 1/step]
2573	<b>[Special 1:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 1. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 15 / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S 1	*ENG	[1 to 100 / 10 / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S 1	*ENG	[1 to 100 / 15 / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 11 / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 16 / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 11 / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 16 / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 17 / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 12 / 1/step]

032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 17 / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / 18 / 1/step]
035	Wide Roller:PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / 13 / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 18 / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 19 / 1/step]
039	Wide Roller:PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / 14 / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 19 / 1/step]

2574	<b>[Special1:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / 20 / 1/step]
002	PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / 25 / 1/step]
003	PaperTransfer:Low:1 Side:S1	*ENG	[1 to 100 / 20 / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 25 / 1/step]
005	PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / 21 / 1/step]
006	PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / 26 / 1/step]
007	PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / 21 / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 26 / 1/step]
009	PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / 22 / 1/step]
010	PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / 27 / 1/step]
011	PaperTransfer:Low:1 Side:S3	*ENG	[1 to 100 / 22 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 27 / 1/step]
013	PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / 23 / 1/step]

014	PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]
<b>2574</b>	<b>[Special 1:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 1. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S 1	*ENG	[1 to 100 / <b>20</b> / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S 1	*ENG	[1 to 100 / <b>25</b> / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]

037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]

<b>2575</b>	<b>[Special 1:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per line speed / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

<b>2576</b>	<b>[Special 1:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per line speed / printing sides of special paper 1.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

<b>2577</b>	<b>[Special 1:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 1.		
001	PaperTransfer:Standard:1Side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
002	PaperTransfer:Standard:2Side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

2578	<b>[Special1:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 1.		
001	PaperTransfer:Standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:Standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2583	<b>[Special2:Bias:BW]</b>		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / 22 / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / 22 / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / 11 / 1-uA/step]

2587	<b>[Special2:Bias:FC]</b>		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / 29 / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / 29 / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / 14 / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / 14 / 1-uA/step]

2591	<b>[Special2:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[100 to 995 / 100 / 1%/step]

003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]

019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]
2591	<b>[Special2:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 2. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]



033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]

2592	<b>[Special2:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]

007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
	<b>[Special2:SizeCorrection:FC]</b>		
<b>2592</b>	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 2. (When using optional wide unit.)		

021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]

037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]

2593	<b>[Special2:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[1 to 100 / <b>10</b> / 1/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[1 to 100 / <b>15</b> / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>10</b> / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>15</b> / 1/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[1 to 100 / <b>11</b> / 1/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[1 to 100 / <b>16</b> / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>11</b> / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>16</b> / 1/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[1 to 100 / <b>12</b> / 1/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[1 to 100 / <b>17</b> / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>12</b> / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>17</b> / 1/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[1 to 100 / <b>13</b> / 1/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[1 to 100 / <b>18</b> / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>13</b> / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>18</b> / 1/step]

017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>14</b> / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>19</b> / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>14</b> / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>19</b> / 1/step]
<b>2593</b>	<b>[Special2:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 2. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>10</b> / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / <b>15</b> / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>10</b> / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>15</b> / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>11</b> / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / <b>16</b> / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>11</b> / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>16</b> / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / <b>12</b> / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / <b>17</b> / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>12</b> / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>17</b> / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / <b>13</b> / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / <b>18</b> / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>13</b> / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>18</b> / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>14</b> / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>19</b> / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>14</b> / 1/step]

040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>19</b> / 1/step]
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<b>2594</b>	<b>[Special2:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 2.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]

2594	<b>[Special2:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 2. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]

2595	<b>[Special2:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per line speed / printing sides of special paper 2.		

001	PaperTransfer:standard:1Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:standard:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2596	<b>[Special2:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per line speed / printing sides of special paper 2.		
001	PaperTransfer:standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2597	<b>[Special2:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 2.		
001	PaperTransfer:standard:1Side	*ENG	[0 to 995 / 100 / 5%/step]
002	PaperTransfer:standard:2Side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2598	<b>[Special2:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 2.		
001	PaperTransfer:standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]



2603	<b>[Special3:Bias:BW]</b>		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / <b>22</b> / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / <b>22</b> / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / <b>11</b> / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / <b>11</b> / 1-uA/step]

2607	<b>[Special3:Bias:FC]</b>		
	Sets paper transfer ampere per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1side	*ENG	[0 to 200 / <b>29</b> / 1-uA/step]
002	PaperTransfer:standard:2side	*ENG	[0 to 200 / <b>29</b> / 1-uA/step]
003	PaperTransfer:low:1side	*ENG	[0 to 200 / <b>14</b> / 1-uA/step]
004	PaperTransfer:low:2side	*ENG	[0 to 200 / <b>14</b> / 1-uA/step]

2611	<b>[Special3:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]

007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]
2611	<b>[Special3:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 3. (When using optional wide unit.)		

021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>105</b> / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>105</b> / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>118</b> / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>131</b> / 1%/step]

037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>132</b> / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>184</b> / 1%/step]

2612	<b>[Special3:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]

011	PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
<b>2612</b>	<b>[Special3:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size correction per mode (FC/BW) / printing sides of special paper 3. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]

025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[100 to 995 / <b>120</b> / 1%/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[100 to 995 / <b>140</b> / 1%/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[100 to 995 / <b>118</b> / 1%/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[100 to 995 / <b>180</b> / 1%/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[100 to 995 / <b>130</b> / 1%/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[100 to 995 / <b>200</b> / 1%/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[100 to 995 / <b>140</b> / 1%/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[100 to 995 / <b>240</b> / 1%/step]

2613	<b>[Special3:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 3.		
001	PaperTransfer:standard:1Sid:S1	*ENG	[1 to 100 / 10 / 1/step]
002	PaperTransfer:standard:2Sid:S1	*ENG	[1 to 100 / 15 / 1/step]
003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / 10 / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / 15 / 1/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[1 to 100 / 11 / 1/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[1 to 100 / 16 / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / 11 / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / 16 / 1/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[1 to 100 / 12 / 1/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[1 to 100 / 17 / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / 12 / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / 17 / 1/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[1 to 100 / 13 / 1/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[1 to 100 / 18 / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / 13 / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / 18 / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / 14 / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / 19 / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / 14 / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / 19 / 1/step]
2613	<b>[Special3:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 3. (When using optional wide unit.)		

021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>10</b> / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / <b>15</b> / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S 1	*ENG	[1 to 100 / <b>10</b> / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S 1	*ENG	[1 to 100 / <b>15</b> / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>11</b> / 1/step]
026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / <b>16</b> / 1/step]
027	Wide Roller:PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>11</b> / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>16</b> / 1/step]
029	Wide Roller:PaperTransfer:Standard:1Sid:S3	*ENG	[1 to 100 / <b>12</b> / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / <b>17</b> / 1/step]
031	Wide Roller:PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>12</b> / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>17</b> / 1/step]
033	Wide Roller:PaperTransfer:Standard:1Sid:S4	*ENG	[1 to 100 / <b>13</b> / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / <b>18</b> / 1/step]
035	Wide Roller:PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>13</b> / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>18</b> / 1/step]
037	Wide Roller:PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>14</b> / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>19</b> / 1/step]
039	Wide Roller:PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>14</b> / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>19</b> / 1/step]

2614	<b>[Special3:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 3.		
	001	PaperTransfer:standard:1Sid:S1	*ENG [1 to 100 / <b>20</b> / 1/step]
002	PaperTransfer:standard:2Sid:S1	*ENG [1 to 100 / <b>25</b> / 1/step]	



003	PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
004	PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
005	PaperTransfer:standard:1Sid:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
006	PaperTransfer:standard:2Sid:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
007	PaperTransfer:Low:1Side:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
008	PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
009	PaperTransfer:standard:1Sid:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
010	PaperTransfer:standard:2Sid:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
011	PaperTransfer:Low:1Side:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
012	PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
013	PaperTransfer:standard:1Sid:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
014	PaperTransfer:standard:2Sid:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
015	PaperTransfer:Low:1Side:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
016	PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
017	PaperTransfer:Standard:1Sid:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
018	PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]
019	PaperTransfer:Low:1Side:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
020	PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]
<b>2614</b>	<b>[Special3:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (FC/BW) / printing sides of special paper 3. (When using optional wide unit.)		
021	Wide Roller:PaperTransfer:Standard:1Sid:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
022	Wide Roller:PaperTransfer:Standard:2Sid:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
023	Wide Roller:PaperTransfer:Low:1Side:S1	*ENG	[1 to 100 / <b>20</b> / 1/step]
024	Wide Roller:PaperTransfer:Low:2Side:S1	*ENG	[1 to 100 / <b>25</b> / 1/step]
025	Wide Roller:PaperTransfer:Standard:1Sid:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]

026	Wide Roller:PaperTransfer:Standard:2Sid:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
027	Wide Roller:PaperTransfer:Low:1 Side:S2	*ENG	[1 to 100 / <b>21</b> / 1/step]
028	Wide Roller:PaperTransfer:Low:2Side:S2	*ENG	[1 to 100 / <b>26</b> / 1/step]
029	Wide Roller:PaperTransfer:Standard:1 Sid:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
030	Wide Roller:PaperTransfer:Standard:2Sid:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
031	Wide Roller:PaperTransfer:Low:1 Side:S3	*ENG	[1 to 100 / <b>22</b> / 1/step]
032	Wide Roller:PaperTransfer:Low:2Side:S3	*ENG	[1 to 100 / <b>27</b> / 1/step]
033	Wide Roller:PaperTransfer:Standard:1 Sid:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
034	Wide Roller:PaperTransfer:Standard:2Sid:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
035	Wide Roller:PaperTransfer:Low:1 Side:S4	*ENG	[1 to 100 / <b>23</b> / 1/step]
036	Wide Roller:PaperTransfer:Low:2Side:S4	*ENG	[1 to 100 / <b>28</b> / 1/step]
037	Wide Roller:PaperTransfer:Standard:1 Sid:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
038	Wide Roller:PaperTransfer:Standard:2Sid:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]
039	Wide Roller:PaperTransfer:Low:1 Side:S5	*ENG	[1 to 100 / <b>24</b> / 1/step]
040	Wide Roller:PaperTransfer:Low:2Side:S5	*ENG	[1 to 100 / <b>29</b> / 1/step]

2615	<b>[Special3:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per line speed / printing sides of special paper 3.		
001	Paper Transfer:standard:1 side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
002	Paper Transfer:standard:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
003	Paper Transfer:Low:1 side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

2616	<b>[Special3:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per line speed / printing sides of special paper 3.		

001	Paper Transfer:standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	Paper Transfer:standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2617	<b>[Special3:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 3.		
001	Paper Transfer:standard:1side	*ENG	[0 to 995 / 100 / 5%/step]
002	Paper Transfer:standard:2side	*ENG	[0 to 995 / 100 / 5%/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 995 / 100 / 5%/step]

2618	<b>[Special3:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per line speed / printing sides of special paper 3.		
001	Paper Transfer:standard:1side	*ENG	[0 to 50 / 0 / 2mm/step]
002	Paper Transfer:standard:2side	*ENG	[0 to 50 / 0 / 2mm/step]
003	Paper Transfer:Low:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:Low:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2623	<b>[Special1 Thick:Bias:BW]</b>		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / 15 / 1-uA/step]

2627	<b>[Special1 Thick:Bias:FC]</b>		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to 200 / <b>19</b> / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / <b>21</b> / 1-uA/step]

2631	<b>[Special1 Thick:PaperSizeCorr:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]
2631	<b>[Special1 Thick:PaperSizeCorr:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]

028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]

	<b>[Special 1 Thick:PaperSizeCorr:FC]</b>		
<b>2632</b>	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]
	<b>[Special 1 Thick:PaperSizeCorr:FC]</b>		
<b>2632</b>	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]

024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]

	<b>[Sp 1 Thick:PaperSizeEnvCorr:BW]</b>		
<b>2633</b>	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>85</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>87</b> / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>86</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>88</b> / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>86</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>89</b> / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>86</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>90</b> / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>86</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>91</b> / 1/step]

2633	<b>[Sp1Thick:PaperSizeEnvCorr:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>85</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>87</b> / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>86</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>88</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>86</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>89</b> / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>86</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>90</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>86</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>91</b> / 1/step]

2634	<b>[Sp1Thick:PaperSizeEnvCorr:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>92</b> / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>93</b> / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>94</b> / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>95</b> / 1/step]

019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>96</b> / 1/step]
<b>2634</b>	<b>[Sp1Thick:PaperSizeEnvCorr:FC]</b>		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>92</b> / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>93</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>94</b> / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>95</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>96</b> / 1/step]

<b>2635</b>	<b>[Sp1Thick:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

<b>2636</b>	<b>[Sp1Thick:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		



003	Paper Transfer:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2637	<b>[Sp1Thick:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / 100 / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / 100 / 5%/step]

2638	<b>[Sp1Thick:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per printing sides of special paper 1 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / 0 / 2mm/step]

2643	<b>[Special2 Thick:Bias:BW]</b>		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / 15 / 1-uA/step]

2647	<b>[Special2 Thick:Bias:FC]</b>		
	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to 200 / 19 / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / 21 / 1-uA/step]

	<b>[Special2Thick:PaperSizeCorr:BW]</b>		
<b>2651</b>	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]
	<b>[Special2Thick:PaperSizeCorr:BW]</b>		
<b>2651</b>	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]

040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]
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<b>2652</b>	<b>[Special2Thick:PaperSizeCorr:FC]</b>		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]
<b>2652</b>	<b>[Special2Thick:PaperSizeCorr:FC]</b>		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]

036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]

2653	<b>[Sp2Thick:PaperSizeEnvCorr:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
	003	PaperTransfer:1Side:S1	*ENG [1 to 100 / <b>70</b> / 1/step]
	004	PaperTransfer:2Side:S1	*ENG [1 to 100 / <b>72</b> / 1/step]
	007	PaperTransfer:1Side:S2	*ENG [1 to 100 / <b>71</b> / 1/step]
	008	PaperTransfer:2Side:S2	*ENG [1 to 100 / <b>73</b> / 1/step]
	011	PaperTransfer:1Side:S3	*ENG [1 to 100 / <b>72</b> / 1/step]
	012	PaperTransfer:2Side:S3	*ENG [1 to 100 / <b>74</b> / 1/step]
	015	PaperTransfer:1Side:S4	*ENG [1 to 100 / <b>72</b> / 1/step]
	016	PaperTransfer:2Side:S4	*ENG [1 to 100 / <b>75</b> / 1/step]
	019	PaperTransfer:1Side:S5	*ENG [1 to 100 / <b>72</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG [1 to 100 / <b>76</b> / 1/step]	
2653	<b>[Sp2Thick:PaperSizeEnvCorr:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
	023	Wide Roller:PaperTransfer:1Side:S1	*ENG [1 to 100 / <b>70</b> / 1/step]
	024	Wide Roller:PaperTransfer:2Side:S1	*ENG [1 to 100 / <b>72</b> / 1/step]
	027	Wide Roller:PaperTransfer:1Side:S2	*ENG [1 to 100 / <b>71</b> / 1/step]
	028	Wide Roller:PaperTransfer:2Side:S2	*ENG [1 to 100 / <b>73</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG [1 to 100 / <b>72</b> / 1/step]	

032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>74</b> / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>72</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>75</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>72</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>76</b> / 1/step]

	<b>[Sp2Thick:PaperSizeEnvCorr:FC]</b>		
<b>2654</b>	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>80</b> / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>81</b> / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>82</b> / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>83</b> / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>84</b> / 1/step]
	<b>[Sp2Thick:PaperSizeEnvCorr:FC]</b>		
<b>2654</b>	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>80</b> / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]

028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>81</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>82</b> / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>83</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>84</b> / 1/step]

	<b>[Sp2Thick:LeadingEdgeCorrection]</b>		
<b>2655</b>	Sets output value [%] for paper transfer ampere leading edge correction per printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

	<b>[Sp2Thick:SwitchTimingLeadEdge]</b>		
<b>2656</b>	Sets switch timing for paper transfer ampere leading edge correction per printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

	<b>[Sp2Thick:TrailEdgeCorrection]</b>		
<b>2657</b>	Sets output value [%] for paper transfer ampere trailing edge correction per printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	<b>[0 to 995 / 100 / 5%/step]</b>

	<b>[Sp2Thick:SwitchTimingTrailEdge]</b>		
<b>2658</b>	Sets switch timing for paper transfer ampere trailing edge correction per printing sides of special paper 2 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1side	*ENG	[0 to 50 / 0 / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / 0 / 2mm/step]

	<b>[Special3 Thick:Bias:BW]</b>		
<b>2663</b>	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / 15 / 1-uA/step]

	<b>[Special3 Thick:Bias:FC]</b>		
<b>2667</b>	Sets paper transfer ampere per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1side	*ENG	[0 to 200 / 19 / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / 21 / 1-uA/step]

	<b>[Special3Thick:PaperSizeCorr:BW]</b>		
<b>2671</b>	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / 100 / 5%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / 100 / 5%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / 100 / 5%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / 133 / 5%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / 100 / 5%/step]

012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 5%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 5%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 5%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 5%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 5%/step]
<b>2671</b>	<b>[Special3Thick:PaperSizeCorr:BW]</b>		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 5%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 5%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 5%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 5%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 5%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 5%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 5%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 5%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 5%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 5%/step]

<b>2672</b>	<b>[Special3Thick:PaperSizeCorr:FC]</b>		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 5%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 5%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 5%/step]



008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 5%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 5%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 5%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 5%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 5%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 5%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 5%/step]
<b>2672</b>	<b>[Special3Thick:PaperSizeCorr:FC]</b>		
	Sets paper transfer ampere paper size correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 5%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 5%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 5%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 5%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 5%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 5%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 5%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 5%/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 5%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 5%/step]

<b>2673</b>	<b>[Sp3Thick:PaperSizeEnvCorr:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>70</b> / 1/step]

004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>72</b> / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>71</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>73</b> / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>72</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>74</b> / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>72</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>75</b> / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>72</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>76</b> / 1/step]
<b>2673</b>	<b>[Sp3Thick:PaperSizeEnvCorr:BW]</b>		
	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>70</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>72</b> / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>71</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>73</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>72</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>74</b> / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>72</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>75</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>72</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>76</b> / 1/step]

	<b>[Sp3Thick:PaperSizeEnvCorr:FC]</b>		
<b>2674</b>	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>80</b> / 1/step]
007	PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>81</b> / 1/step]
011	PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>82</b> / 1/step]
015	PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>83</b> / 1/step]
019	PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>84</b> / 1/step]
	<b>[Sp3Thick:PaperSizeEnvCorr:FC]</b>		
<b>2674</b>	Sets paper transfer ampere paper size environment correction per mode (BW/FC) / printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>80</b> / 1/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>81</b> / 1/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>82</b> / 1/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>83</b> / 1/step]
039	Wide Roller:PaperTransfer:1Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]

040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>84</b> / 1/step]
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2675	<b>[Sp3Thick:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1 side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

2676	<b>[Sp3Thick:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1 side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

2677	<b>[Sp3Thick:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1 side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

2678	<b>[Sp3Thick:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per printing sides of special paper 3 using thick paper setting. "Thick paper" means thick paper 2 or upper with model D148/D149/D150, thick paper 1 or upper with model D146/D147.		
003	Paper Transfer:1 side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

2690	<b>[ITB Contact Setting]</b>		
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001	Thick1	*ENG	[0 or 1 / 0 / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 1.		
002	Thick2	*ENG	[0 or 1 / 0 / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 2.		
003	Thick3	*ENG	[0 or 1 / 0 / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 3.		
004	Thick4	*ENG	[0 or 1 / 0 / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 4.		
014	Special1Thick1234	*ENG	[0 or 1 / 0 / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 1234 and special paper 1.		
015	Special2Thick1234	*ENG	[0 or 1 / 0 / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 1234 and special paper 2.		
016	Special3Thick1234	*ENG	[0 or 1 / 0 / 1/step]
	Enter 1 when outputting in B&W monochrome but using all OPC drum (FC mode) with Thick paper 1234 and special paper 3.		

2703	<b>[Thick4:Bias:BW]</b>		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1side	*ENG	[0 to 200 / 11 / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / 15 / 1-uA/step]

2707	<b>[Thick4:Bias:FC]</b>		
	Sets paper transfer ampere per thickness / mode (FC/BW) / printing sides.		

003	PaperTransfer:1side	*ENG	[0 to 200 / <b>19</b> / 1-uA/step]
004	PaperTransfer:2side	*ENG	[0 to 200 / <b>21</b> / 1-uA/step]

2711	<b>[Thick4:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
011	PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
015	PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]
019	PaperTransfer:1Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]
2711	<b>[Thick4:SizeCorrection:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>133</b> / 1%/step]
031	Wide Roller:PaperTransfer:1Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>167</b> / 1%/step]
035	Wide Roller:PaperTransfer:1Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>233</b> / 1%/step]

039	Wide Roller:PaperTransfer:1 Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>267</b> / 1%/step]

<b>2712</b>	<b>[Thick4:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1 Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
004	PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
007	PaperTransfer:1 Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
008	PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
011	PaperTransfer:1 Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
012	PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
015	PaperTransfer:1 Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
016	PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]
019	PaperTransfer:1 Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
020	PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]
<b>2712</b>	<b>[Thick4:SizeCorrection:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1 Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[100 to 995 / <b>100</b> / 1%/step]
027	Wide Roller:PaperTransfer:1 Side:S2	*ENG	[100 to 995 / <b>100</b> / 1%/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[100 to 995 / <b>181</b> / 1%/step]
031	Wide Roller:PaperTransfer:1 Side:S3	*ENG	[100 to 995 / <b>100</b> / 1%/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[100 to 995 / <b>229</b> / 1%/step]
035	Wide Roller:PaperTransfer:1 Side:S4	*ENG	[100 to 995 / <b>100</b> / 1%/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[100 to 995 / <b>286</b> / 1%/step]

039	Wide Roller:PaperTransfer:1 Side:S5	*ENG	[100 to 995 / <b>100</b> / 1%/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[100 to 995 / <b>381</b> / 1%/step]

<b>2713</b>	<b>[Thick4:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1 Side:S1	*ENG	[1 to 100 / <b>70</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>72</b> / 1/step]
007	PaperTransfer:1 Side:S2	*ENG	[1 to 100 / <b>71</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>73</b> / 1/step]
011	PaperTransfer:1 Side:S3	*ENG	[1 to 100 / <b>72</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>74</b> / 1/step]
015	PaperTransfer:1 Side:S4	*ENG	[1 to 100 / <b>72</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>75</b> / 1/step]
019	PaperTransfer:1 Side:S5	*ENG	[1 to 100 / <b>72</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>76</b> / 1/step]
<b>2713</b>	<b>[Thick4:Size-Env.Correct:BW]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1 Side:S1	*ENG	[1 to 100 / <b>70</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>72</b> / 1/step]
027	Wide Roller:PaperTransfer:1 Side:S2	*ENG	[1 to 100 / <b>71</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>73</b> / 1/step]
031	Wide Roller:PaperTransfer:1 Side:S3	*ENG	[1 to 100 / <b>72</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>74</b> / 1/step]
035	Wide Roller:PaperTransfer:1 Side:S4	*ENG	[1 to 100 / <b>72</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>75</b> / 1/step]



039	Wide Roller:PaperTransfer:1 Side:S5	*ENG	[1 to 100 / <b>72</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>76</b> / 1/step]

<b>2714</b>	<b>[Thick4:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides.		
003	PaperTransfer:1 Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
004	PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>80</b> / 1/step]
007	PaperTransfer:1 Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
008	PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>81</b> / 1/step]
011	PaperTransfer:1 Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
012	PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>82</b> / 1/step]
015	PaperTransfer:1 Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
016	PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>83</b> / 1/step]
019	PaperTransfer:1 Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
020	PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>84</b> / 1/step]
<b>2714</b>	<b>[Thick4:Size-Env.Correct:FC]</b>		
	Sets paper transfer ampere paper size environment correction per thickness / mode (FC/BW) / printing sides. (When using optional wide unit.)		
023	Wide Roller:PaperTransfer:1 Side:S1	*ENG	[1 to 100 / <b>77</b> / 1/step]
024	Wide Roller:PaperTransfer:2Side:S1	*ENG	[1 to 100 / <b>80</b> / 1/step]
027	Wide Roller:PaperTransfer:1 Side:S2	*ENG	[1 to 100 / <b>78</b> / 1/step]
028	Wide Roller:PaperTransfer:2Side:S2	*ENG	[1 to 100 / <b>81</b> / 1/step]
031	Wide Roller:PaperTransfer:1 Side:S3	*ENG	[1 to 100 / <b>79</b> / 1/step]
032	Wide Roller:PaperTransfer:2Side:S3	*ENG	[1 to 100 / <b>82</b> / 1/step]
035	Wide Roller:PaperTransfer:1 Side:S4	*ENG	[1 to 100 / <b>79</b> / 1/step]
036	Wide Roller:PaperTransfer:2Side:S4	*ENG	[1 to 100 / <b>83</b> / 1/step]

039	Wide Roller:PaperTransfer:1 Side:S5	*ENG	[1 to 100 / <b>79</b> / 1/step]
040	Wide Roller:PaperTransfer:2Side:S5	*ENG	[1 to 100 / <b>84</b> / 1/step]

2715	<b>[Thick4:LeadingEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1 side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

2716	<b>[Thick4:SwitchTimingLeadEdge]</b>		
	Sets switch timing for paper transfer ampere leading edge correction per thickness / printing sides.		
003	Paper Transfer:1 side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

2717	<b>[Thick4:TrailEdgeCorrection]</b>		
	Sets output value [%] for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1 side	*ENG	[0 to 995 / <b>100</b> / 5%/step]
004	Paper Transfer:2side	*ENG	[0 to 995 / <b>100</b> / 5%/step]

2718	<b>[Thick4:SwitchTimingTrailEdge]</b>		
	Sets switch timing for paper transfer ampere trailing edge correction per thickness / printing sides.		
003	Paper Transfer:1 side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]
004	Paper Transfer:2side	*ENG	[0 to 50 / <b>0</b> / 2mm/step]

2901	<b>[OPC Drum Brake Time]</b>		
	Sets braking time when stopping drum (FC) motor.		
001	All	*ENG	[50 to 240000 / <b>50</b> / 10msec/step]

<b>2902</b>	<b>[OPC Drum Reverse Time]</b>		
001	All: BW	*ENG	[0 to 200 / <b>50</b> / 10msec/step]
	Sets reversing time when stopping drum (K) / image transfer motor.		
002	All: FC	*ENG	[0 to 200 / <b>50</b> / 10msec/step]
	Sets reversing time when stopping drum (FC) motor.		

<b>2903</b>	<b>[Image Transfer Brake Time]</b>		
Sets braking time when stopping drum (K) / image transfer motor.			
003	All	*ENG	[50 to 240000 / <b>50</b> / 10msec/step]

<b>2904</b>	<b>[Image Transfer Reverse Time]</b>		
No longer used due to hardware changes.			
003	All	*ENG	[0 to 200 / <b>40</b> / 10msec/step]

<b>2905</b>	<b>[Dev Rvs Time]</b>		
003	K	ENG	[0 to 200 / <b>80</b> / 10msec/step]
	Reversing time of when Bk drum motor reversing; Stripes occurring when toner density is high can might be solved by setting value larger.		
004	Cl	ENG	[0 to 200 / <b>80</b> / 10msec/step]
	Reversing time of when FC develop motor reversing; Stripes occurring when toner density is high can might be solved by setting value larger.		
005	ALL	ENG	[0 to 400000 / <b>4000</b> / 10mm/step]
	Interval of rotation distance till develop unit goes in to reverse; Stripes occurring when toner density is high can might be solved by setting value smaller.		
006	K	*ENG	[0 to 4294967295 / <b>0</b> / 1 mm/step]
	Counter total value for reverse decision.		
007	Cl	*ENG	[0 to 4294967295 / <b>0</b> / 1 mm/step]
	Counter total value for reverse decision.		

2906	<b>[Drum Stop Angle]</b>		
	Displays drum stopping degree.		
001	Color	*ENG	[0 to 359 / <b>0</b> / 1deg/step]
002	Bk	*ENG	[0 to 359 / <b>0</b> / 1deg/step]

2907	<b>[ACS Setting (FC to Bk)]</b>		
	Sets Bk image continues pages threshold for ACS.		
001	Continuous Bk Pages	*ENG	[0 to 10 / <b>0</b> / 1sheet/step]

2908	<b>[Motor Gain Adj.]</b>		
	Sets gain of drum transfer motor <ul style="list-style-type: none"> <li>• 0: gain A_High gain B_High</li> <li>• 1: gain A_High gain B_Low</li> <li>• 2: gain A_Low gain B_High</li> <li>• 3: gain A_Low gain B_Low</li> </ul>		
001	OPCTransferM:256mm/sec	*ENG	[0 to 3 / <b>0</b> / 1/step]
002	OPCTransferMot:186mm/sec	*ENG	[0 to 3 / <b>2</b> / 1/step]
003	OPCTransferMot:146mm/sec	*ENG	[0 to 3 / <b>1</b> / 1/step]
004	OPCTransferM:108mm/sec	*ENG	[0 to 3 / <b>3</b> / 1/step]
005	OPCTransferM:73mm/sec	*ENG	[0 to 3 / <b>3</b> / 1/step]

2908	<b>[Motor Gain Adj.]</b>		
	Sets gain of develop motor: Bk <ul style="list-style-type: none"> <li>• 0: Low</li> <li>• 1:High</li> </ul>		
010	BkDevM:256mm/sec	*ENG	[0 or 1 / <b>1</b> / 1/step]
011	BkDevM:186mm/sec	*ENG	[0 or 1 / <b>1</b> / 1/step]
012	BkDevM:108mm/sec	*ENG	[0 or 1 / <b>0</b> / 1/step]
013	BkDevM:73mm/sec	*ENG	[0 or 1 / <b>0</b> / 1/step]

2908	<b>[Motor Gain Adj.]</b>		
	Sets gain of drum motor: FC <ul style="list-style-type: none"> <li>• 0: Low</li> <li>• 1:High</li> </ul>		
016	ColorOpcM:256mm/sec	*ENG	[0 or 1 / 1 / 1/step]
017	ColorOpcM:186mm/sec	*ENG	[0 or 1 / 1 / 1/step]
018	ColorOpcM:108mm/sec	*ENG	[0 or 1 / 0 / 1/step]
019	ColorOpcM:73mm/sec	*ENG	[0 or 1 / 0 / 1/step]
2908	<b>[Motor Gain Adj.]</b>		
	Sets gain of develop motor: FC <ul style="list-style-type: none"> <li>• 0: Low</li> <li>• 1:High</li> </ul>		
020	ColorDevM:256mm/sec	*ENG	[0 or 1 / 1 / 1/step]
021	ColorDevM:186mm/sec	*ENG	[0 or 1 / 1 / 1/step]
022	ColorDevM:108mm/sec	*ENG	[0 or 1 / 0 / 1/step]
023	ColorDevM:73mm/sec	*ENG	[0 or 1 / 0 / 1/step]
2908	<b>[Motor Gain Adj.]</b>		
	Sets gain of fusing motor. <ul style="list-style-type: none"> <li>• 0: Low</li> <li>• 1: High</li> </ul>		
026	FusingM:256mm/sec	*ENG	[0 or 1 / 1 / 1/step]
027	FusingM:186mm/sec	*ENG	[0 or 1 / 1 / 1/step]
028	FusingM:146mm/sec	*ENG	[0 or 1 / 1 / 1/step]
029	FusingM:108mm/sec	*ENG	[0 or 1 / 0 / 1/step]
030	FusingM:73mm/sec	*ENG	[0 or 1 / 0 / 1/step]
2908	<b>[Motor Gain Adj.]</b>		

031	ColorOpcM:146mm/sec	*ENG	[0 or 1 / 1 / 1/step]
	Sets gain of drum motor: FC <ul style="list-style-type: none"> <li>• 0: Low</li> <li>• 1:High</li> </ul>		
032	ColorDevM:146mm/sec	*ENG	[0 or 1 / 1 / 1/step]
	Sets gain of develop motor: FC <ul style="list-style-type: none"> <li>• 0: Low</li> <li>• 1:High</li> </ul>		

2930	<b>[Transfer:Bias Limiter]</b>		
	Sets limiter voltage of image transfer output.		
001	Bias	*ENG	[0 to 7000 / 6000 / 10-V/step]

2960	<b>[Process Interval]</b>		
	Sets waiting time for till to switch to fall action after finish imaging.		
001	Additional Time	*ENG	[0 to 10 / 0 / 1sec/step]

2974	<b>[Trans. Contact Fgate Timing: Y]</b>		
	When a white horizontal stripe occurs on the first page leading edge within 10mm or so, the cause might be form having the image transfer bias ON. In that case, with add 100ms a step to this SP, problem will be solved. About from 100ms or more to 500ms will be the best.		
	001	Fwait:Y std	*ENG
	002	Fwait:Y mid	*ENG
003	Fwait:Y low	ENG	[0 to 3000 / 0 / 10msec/step]

2980	<b>[LubricantApplication Operation]</b>		
001	Lubricant Application Setting	*ENG	[0 to 300 / 0 / 10page/step]
	Decides whether to apply lubricant.		

002	Idle Time: BK	*ENG	[0 to 600 / 1 / 1sec/step]
	Operating time for applying lubricant for Bk (s)		
003	Idle Time: FC	*ENG	[0 to 600 / 1 / 1sec/step]
	Operating time for applying lubricant for FC (s)		

<b>2990</b>	<b>[Print Duty Control]</b>		
001	Duty Control State	*ENG	[0 or 1 / 0 / 1/step] 0: Non restricted 1: Restricted
	Displays current imaging Duty restrict status.		
002	Exec Interval: Duty Control	*ENG	[60 to 3600 / 60 / 10sec/step]
	Sets decision time interval for to decide whether to restrict imaging Duty.		
004	Forced CPM Down Thresh: No Duty Control	*ENG	[0 to 5000 / 0 / 1 page/step]
	Sets force fall threshold for when imaging Duty is not restricted.		
005	Down-time_BW: No Duty Control	*ENG	[0 to 20000 / 0 / 10msec/step]
	Sets BW mode break time for when imaging Duty is not restricted.		
006	Down-time_FC: No Duty Control	*ENG	[0 to 20000 / 0 / 10msec/step]
	Sets FC mode break time for when imaging Duty is not restricted.		
007	Forced CPM Down Thresh: Duty Control	*ENG	[0 to 5000 / 8 / 1 page/step]
	Sets force fall threshold for when imaging Duty is restricted.		
008	Down-time_BW: Duty Control	*ENG	[0 to 240000 / 60000 / 10msec/step]
	Sets BW mode break time for when imaging Duty is restricted.		
009	Down-time_FC: Duty Control	*ENG	[0 to 240000 / 60000 / 10msec/step]
	Sets FC mode break time for when imaging Duty is restricted.		

010	Ambient Temp Correction Coeff	*ENG	[-1.0 to 1.0 / <b>0.0</b> / 0.1/step]
	Sets coefficient for when correcting threshold of imaging Duty control with external temperature.		
011	Execution Temp. Threshold	*ENG	[20.0 to 70.0 / <b>40.0</b> / 0.1 deg/step]
	Sets temperature threshold for to execute restricting imaging Duty. Does not execute when "0".		
012	Cancellation Temp. Threshold	*ENG	[0.1 to 20.0 / <b>0.1</b> / 0.1 deg/step]
	Sets temperature threshold (differential value between imaging Duty restrict execution temperature) to call off imaging Duty restriction.		
013	ON/OFF Setting	*ENG	[0 or 1 / <b>1</b> / 1/step] 0: Not execute 1: Execute
	Sets whether to control imaging Duty.		
014	Duty Control_Down-time_BW	*ENG	[0 to 240000 / <b>0</b> / 10msec/step]
	Break time for BW mode of imaging Duty.		
015	Duty Control_Down-time_FC	*ENG	[0 to 240000 / <b>0</b> / 10msec/step]
	Break time for FC mode of imaging Duty.		



# Main SP Tables-3

## SP3-XXX (Process)

2

3011	[Manual ProCon :Exe]		
001	Normal ProCon	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes Pro-Con.		
002	Density Adjustment	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes toner density adjusting Pro-Con.		
003	ACC RunTime ProCon	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes pre-ACC Pro-Con.		
004	Full MUSIC	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes Pro-Con / full MUSIC.		
005	Normal MUSIC	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes Pro-Con / normal MUSIC.		

3012	[ProCon OK?]		
	2 digits per color from left, in the order of YMCK *Refer to below for execution result content.		
001	History:Last(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays latest Pro-Con execution result.		
002	History:Last 2(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for the time before last.		

003	History:Last 3(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 3 times before.		
004	History:Last 4(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 4 times before.		
005	History:Last 5(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 5 times before.		
006	History:Last 6(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 6 times before.		
007	History:Last 7(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 7 times before.		
008	History:Last 8(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 8 times before.		
009	History:Last 9(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 9 times before.		
010	History:Last 10(Front)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 10 times before.		
011	History:Last(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays latest Pro-Con execution result.		
012	History:Last 2(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 2 times before.		
013	History:Last 3(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 3 times before.		
014	History:Last 4(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 4 times before.		
015	History:Last 5(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 5 times before.		

016	History:Last 6(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 6 times before.		
017	History:Last 7(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 7 times before.		
018	History:Last 8(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 8 times before.		
019	History:Last 9(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 9 times before.		
020	History:Last 10(Center)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 10 times before.		
021	History:Last(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays latest Pro-Con execution result.		
022	History:Last 2(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for the time before last.		
023	History:Last 3(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 3 times before.		
024	History:Last 4(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 4 times before.		
025	History:Last 5(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 5 times before.		
026	History:Last 6(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 6 times before.		
027	History:Last 7(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 7 times before.		
028	History:Last 8(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 8 times before.		

029	History:Last 9(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 9 times before.		
030	History:Last 10(Rear)	*ENG	[0 to 99999999 / 0 / 1/step]
	Displays Pro-Con execution result for 10 times before.		

**\*SP3-012 Display result detail**

Category	Code	Result name	Description
00 and lager	00	Not executed	Factory default setting(SP default)
10 and lager Result(Normal)	11	Succeed	-
20 and lager ID Sensor	21	ID Sensor Vsg adjust error	Out of range from Vsg=4.0±x.x[V/step]
	22	ID Sensor LED Adjust error	lfsg>Max
	23	ID Sensor Output error(Positive reflect)	Vsg_reg<Min(Max)
	24	ID Sensor output error(Diffusion reflect)	Vsg_dif<Min(Max)
	25	ID Sensor offset Voltage error(Positive reflect)	Voffset_reg>Max
	26	ID Sensor offset Voltage error(Diffusion reflect)	Voffset_dif>Max

45 and lager ID Pattern detect	45	ID Pattern extract error	Can not detect ID Pattern
	50	Vmin_Bk/K2 error(Max)	K:Vmin_Bk / CMY:K2>Max
	51	Vmin_Bk/K2 error(Min)	K:Vmin_Bk / CMY:K2<Min
	52	K5 error(Max)	K5>Max
	53	K5 error(Min)	K5<Min
	54	K5 calculated approximate point error	K5 calculated approximate point <Min
	55	Develop gamma error(Max)	Develop gamma >Max
	56	Develop gamma error(Min)	Develop gamma <Min
	57	Start developing voltage:Vk error(Max)	Start developing voltage:Vk>Max
	58	Start developing voltage:Vk error(Min)	Start developing voltage:Vk<Min
59	Not enough valid data	Adhesion amount data for develop gamma calculation point is under 2	
60 and lager Potential adjust	61	LD won't light	P patter is not written.
	62	Residual potential:Vr error	Vr>Max
	63	Electrified potential:Vd adjust error	Vd can not be adjusted in target range.
	64	Exposure potential:Vpl adjust error	Vpl can not be adjusted in target range
90 and lager Result(End)	90	Potential not adjust	Potential control method is set as [0:FIX]
	99	Kill	Kill by door open, power off, error. (Set when execute.)

**Note**

- Execute result sample (In order of YMCK from left)
- Factory default(SP default):[00,00,00,00]

- Starting adjust:[99,99,99,99]
- Fail Vsg adjust(Y):[21,99,99,99]
- Error of Develop gamma Max(C):[99,99,55,99]
- Succeed:[11,11,11,11]

<b>3014</b>	<b>[IBACC OK?]</b>		
	Displays latest IBACC execution result.		
001	History:Last	*ENG	[0 to 9999 / 0 / 1/step]
002	History:Last 2	*ENG	
003	History:Last 3	*ENG	
004	History:Last 4	*ENG	
005	History:Last 5	*ENG	
006	History:Last 6	*ENG	
007	History:Last 7	*ENG	
008	History:Last 8	*ENG	
009	History:Last 9	*ENG	
010	History:Last 10	*ENG	

<b>3030</b>	<b>[Init TD Sensor :Exe]</b>		
001	Execute: ALL	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for all colors.		
002	Execute: Col	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting only for chromatic 3 colors.		
003	Execute: K	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for only (K).		

004	Execute: C	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for only (C).		
005	Execute: M	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for only (M).		
006	Execute: Y	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Executes TD sensor initial setting for only (Y).		
020	Agitation Time	*ENG	[0 to 200 / <b>30</b> / 1sec/step]
	Sets developing powder stirring time for when TD sensor's setting is in initial.		
021	Initial TC	*ENG	[1.0 to 15.0 / <b>7.0</b> / 0.1wt%/step]
	Sets toner density for initial chemical.		
031	Vt Target:K	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Sets Vt target value (K) for when TD sensor's setting is in initial.		
032	Vt Target:C	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Sets Vt target value (C) for when TD sensor's setting is in initial.		
033	Vt Target:M	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Sets Vt target value (M) for when TD sensor's setting is in initial.		
034	Vt Target:Y	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Sets Vt target value (M) for when TD sensor's setting is in initial.		
041	Vt Target Corr:K	*ENG	[0.00 to 2.55 / <b>0.00</b> / 0.01V/step]
	Sets metachronic correcting amount (K) for when TD sensor's setting is in initial.		
042	Vt Target Corr:C	*ENG	[0.00 to 2.55 / <b>0.00</b> / 0.01V/step]
	Sets metachronic correcting amount (C) for when TD sensor's setting is in initial.		

043	Vt Target Corr:M	*ENG	[0.00 to 2.55 / <b>0.00</b> / 0.01V/step]
	Sets metachronic correcting amount (M) for when TD sensor's setting is in initial.		
044	Vt Target Corr:Y	*ENG	[0.00 to 2.55 / <b>0.00</b> / 0.01V/step]
	Sets metachronic correcting amount (Y) for when TD sensor's setting is in initial.		

<b>3031</b>	<b>[TD Sens Init OK?]</b>		
001	From Left:YMCK	ENG	[0 to 9999 / <b>0</b> / 1/step]
	Displays execution result of TD sensor initial setting.		

<b>3050</b>	<b>[Force Tnr Supply :Exe]</b>		
001	Execute: ALL	ENG	[0 or 1 / <b>0</b> / 1/step] [Execute]
	Forcedly supply toner (all colors)		
002	Execute: Col	ENG	[0 or 1 / <b>0</b> / 1/step] [Execute]
	Forcedly supply toner (only CMY)		
003	Execute: K	ENG	[0 or 1 / <b>0</b> / 1/step] [Execute]
	Forcedly supply toner (only K)		
004	Execute: C	ENG	[0 or 1 / <b>0</b> / 1/step] [Execute]
	Forcedly supply toner (only C)		
005	Execute: M	ENG	[0 or 1 / <b>0</b> / 1/step] [Execute]
	Forcedly supply toner (only M)		
006	Execute: Y	ENG	[0 or 1 / <b>0</b> / 1/step] [Execute]
	Forcedly supply toner (only Y)		



<b>3050</b>	<b>[Force Tnr Supply :Exe]</b>		
021	Supply Quantity:K	*ENG	[0.0 to 5.0 / <b>0.5</b> / 0.1 wt%/step]
	Sets the amount [wt%/step] to supply toner (K) with Force toner supply.		
022	Supply Quantity:C	*ENG	[0.0 to 5.0 / <b>0.5</b> / 0.1 wt%/step]
	Sets the amount [wt%/step] to supply toner (C) with Force toner supply.		
023	Supply Quantity:M	*ENG	[0.0 to 5.0 / <b>0.5</b> / 0.1 wt%/step]
	Sets the amount [wt%/step] to supply toner (M) with Force toner supply.		
024	Supply Quantity:Y	*ENG	[0.0 to 5.0 / <b>0.5</b> / 0.1 wt%/step]
	Sets the amount [wt%/step] to supply toner (Y) with Force toner supply.		
033	RepeatCount	*ENG	[0 to 255 / <b>8</b> / 1times/step]
	Sets repeating times for 1 time of force toner supplying process routine.		

<b>3072</b>	<b>[T Sensor: Check]</b>		
Executes testing mode to test TD sensor's output (Vt) without starting up the engine.			
001	Execute Check	ENG	[0 or 1 / <b>0</b> / 1/step] [Execute]

<b>3073</b>	<b>[T Sensor Measurement Value:]</b>		
Displays output test value of TD sensor.			
001	Vt:K	*ENG	[0.00 to 5.50 / <b>0.00</b> / 0.01V/step]
002	Vt:C	*ENG	
003	Vt:M	*ENG	
004	Vt:Y	*ENG	

<b>3100</b>	<b>[Tonner End Detection: Set]</b>		
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001	ON/OFF	*ENG	[0 or 1 / 0 / 1/step]
	Whether to decide NE/TE. 0: Enable 1: Disable		
002	NE Detection	*ENG	[0 or 1 / 0 / 1/step]
	NE decision method. 0: Counter & Toner End Sensor 1: Toner End Sensor Only		

3101	<b>[Toner Status :Disp]</b>		
	Displays remaining toner.		
001	K	ENG	[0 to 10 / 10 / 1/step] 10: Full 1: Near end 0: Toner end
002	C	ENG	
003	M	ENG	
004	Y	ENG	

3102	<b>[Toner Remain:Disp]</b>		
	Remaining toner calculated form motor running time.		
001	Bottle Motor: Bk	*ENG	[0.000 to 700.000 / 560.000 / 0.001g]
002	Bottle Motor: C	*ENG	[0.000 to 700.000 / 440.000 / 0.001g]
003	Bottle Motor: M	*ENG	
004	Bottle Motor: Y	*ENG	
3102	<b>[Toner Remain:Disp]</b>		
	Remaining toner calculated from imaging size.		
011	Pixel: Bk	*ENG	[0.000 to 700.000 / 560.000 / 0.001g]

012	Pixel: C	*ENG	[0.000 to 700.000 / <b>440.000</b> / 0.001g]
013	Pixel: M	*ENG	
014	Pixel: Y	*ENG	
<b>3102</b>	<b>[Toner Remaining: Display]</b>		
	Filler content of new bottle.		
021	Fill Amount: Bk	*ENG	[0 to 600 / <b>560</b> / 1g/step]
022	Fill Amount: C	*ENG	[0 to 600 / <b>440</b> / 1g/step]
023	Fill Amount: M	*ENG	
024	Fill Amount: Y	*ENG	
<b>3102</b>	<b>[Toner Remain:Disp]</b>		
	Consumption amount of toner.		
031	Pixel: Toner Consumption x 2: C	*ENG	[0.000 to 1000.000 / <b>0.000</b> / 0.001g]
032	Pixel: Toner Consumption x 2: Bk	*ENG	
033	Pixel: Toner Consumption x 2: M	*ENG	
034	Pixel: Toner Consumption x 2: Y	*ENG	
041	Drive Motor: Toner Consumption x 1: Bk	*ENG	
042	Drive Motor: Toner Consumption x 1: C	*ENG	
043	Drive Motor: Toner Consumption x 1: M	*ENG	
044	Drive Motor: Toner Consumption x 1: Y	*ENG	
<b>3104</b>	<b>[Flag: Display]</b>		
	Sets flag when replacing toner bottle.		

001	NE Toner: Bk	*ENG	[0 or 1 / 0 / 1/step]
002	NE Toner: C	*ENG	
003	NE Toner: M	*ENG	
004	NE Toner: Y	*ENG	
<b>3104</b>	<b>[Flag: Display]</b>		
	Sets Flag when Vt ends.		
011	Vt end:Bk	*ENG	[0 or 1 / 0 / 1/step]
012	Vt end:C	*ENG	
013	Vt end:M	*ENG	
014	Vt end:Y	*ENG	

<b>3110</b>	<b>[Near End Thresh]</b>		
	-		
001	Bk	*ENG	[0 to 500 / 65 / 1g/step]
002	C	*ENG	[0 to 500 / 45 / 1g/step]
003	M	*ENG	
004	Y	*ENG	

<b>3121</b>	<b>[TE Counter: Disp]</b>		
	No toner decision times from end sensor.		
001	Bk	*ENG	[0 to 99 / 0 / 1times/step]
002	C	*ENG	
003	M	*ENG	
004	Y	*ENG	

<b>3131</b>	<b>[Vt TE Thresh]</b>		
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001	Delta Vt Thresh	*ENG	[0.00 to 5.00 / <b>0.50</b> / 0.01V/step]
	Threshold to start adding delta Vt after NE.		
002	Delta Vt Sum Thresh	*ENG	[0 to 99 / <b>10</b> / 1V/step]
	Threshold to decide TE after NE.		
011	Delta Vt Thresh BF NE	*ENG	[0.00 to 5.00 / <b>0.50</b> / 0.01V/step]
	Threshold to start adding delta Vt before NE.		
012	Delta Vt Sum Thresh BF NE	*ENG	[0 to 99 / <b>10</b> / 1V/step]
	Threshold to decide TE before NE.		

<b>3132</b>	<b>[Delta Vt Sum]</b>		
	Added value of delta Vt.		
001	Bk	*ENG	[0.00 to 99.00 / <b>0.00</b> / 0.01V/step]
002	C	*ENG	
003	M	*ENG	
004	Y	*ENG	

<b>3133</b>	<b>[TE Detect :Set]</b>		
001	Set Sheets(Min)	*ENG	[0 to 50 / <b>10</b> / 1sheet/step]
	Sets min. assured sheets to display toner end after toner near end is fixed.		
002	Set Sheets(Max)	*ENG	[0 to 5000 / <b>1000</b> / 1sheet/step]
	Sets max. assured sheets to display toner end after toner near end is fixed.		
<b>3133</b>	<b>[TE Detect :Set]</b>		
Displays the amount of sheets printed after toner near end is fixed.			
011	Page Cnt:K	*ENG	[0 to 5000 / <b>0</b> / 1sheet/step]
012	Page Cnt:C	*ENG	
013	Page Cnt:M	*ENG	
014	Page Cnt:Y	*ENG	

3133	<b>[TE Detect :Set]</b>		
	Sets dimension (cm2) in terms of blotted out A4 sized sheet to decide as toner end after near toner end is fixed.		
021	Set Pxl Cnt	*ENG	[0 to 1000000 / <b>7000</b> / 1cm2/step]
3133	<b>[TE Detect :Set]</b>		
	Displays the amount used with dimension (cm2) in terms of blotted out.		
031	Pxl Cnt:K	*ENG	[0 to 1000000 / <b>0</b> / 1cm2/step]
032	Pxl Cnt:C	*ENG	
033	Pxl Cnt:M	*ENG	
034	Pxl Cnt:Y	*ENG	
3150	<b>[TE Sensor :Set]</b>		
001	SamplingCount	*ENG	[4 to 20 / <b>10</b> / 1counts/step]
	Sets arrangement size of TE sensor.		
002	Judge:p	*ENG	[0.2 to 1.0 / <b>0.8</b> / 0.1/step]
	Sets threshold for to decide toner existing..		
3150	<b>[T TE Sensor :Set]</b>		
	Percentage for "No remaining toner" of storing arrangement.		
003	result:K	*ENG	[0.0 to 0.1 / <b>0.5</b> / 0.1/step]
004	result:C	*ENG	
005	result:M	*ENG	
006	result:Y	*ENG	
3160	<b>[Bottle Drive :Set]</b>		
	Select bottle driving method.		

001	Bottle Drive System	*ENG	[0 or 1 / 0 / 1/step] 0: TE Sensor Control 1: TonerSupplyMotor Track Control
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3200	<b>[TnrDensity]</b>		
	Displays toner density (wt%).		
001	K	*ENG	[0 to 25.5 / 0 / 0.1 wt%/step]
002	C	*ENG	
003	M	*ENG	
004	Y	*ENG	

3201	<b>[TnrDensity]</b>		
	Sets min./max. density (wt%) for toner density controlling range.		
001	Upper TC	*ENG	[1.0 to 15.0 / 9.0 / 0.1wt%/step]
002	Lower TC	*ENG	[1.0 to 15.0 / 2.0 / 0.1wt%/step]

3205	<b>[TD.Sens Sensitivity]</b>		
	Displays TD sensor sensitivity HL calculated from test value of HST density control (SP3-711 to 714-***)		
001	HL:K	*ENG	[0.200 to 1.000 / 0.350 / 0.001 - V/wt%/step]
002	HL:C	*ENG	
003	HL:M	*ENG	
004	HL:Y	*ENG	
3205	<b>[TD.Sens Sensitivity]</b>		
	Displays TD sensor sensitivity HM calculated from test value of HST density control (SP3-711 to 714-***)		

011	HM:K	*ENG	[0.200 to 1.000 / <b>0.350</b> / 0.001-V/wt%/step]
012	HM:C	*ENG	
013	HM:M	*ENG	
014	HM:Y	*ENG	
<b>3205</b>	<b>[TD.Sens Sensitivity]</b>		
	Displays TD sensor sensitivity ML calculated from test value of HST density control (SP3-711 to 714-***)		
021	ML:K	*ENG	[0.200 to 1.000 / <b>0.350</b> / 0.001-V/wt%/step]
022	ML:C	*ENG	
023	ML:M	*ENG	
024	ML:Y	*ENG	
<b>3205</b>	<b>[TD.Sens Sensitivity]</b>		
031	Upper Limit	*ENG	[0.200 to 0.500 / <b>0.440</b> / 0.001-V/wt%/step]
	Sets max. sensitivity for to calculate TD sensor sensitivity.		
032	Lower Limit	*ENG	[0.150 to 0.500 / <b>0.180</b> / 0.001-V/wt%/step]
	Sets min. sensitivity for to calculate TD sensor sensitivity.		
033	TC Between H-M:K	*ENG	[1.00 to 10.00 / <b>4.50</b> / 0.01wt%
	Sets HM interval as TC of K for to calculate TD sensor sensitivity.		
034	TC Between M-L:K	*ENG	[1.00 to 10.00 / <b>4.40</b> / 0.01wt%
	Sets ML interval as TC of K for to calculate TD sensor sensitivity.		
043	TC Between H-M:Col	*ENG	[1.00 to 10.00 / <b>4.20</b> / 0.01wt%
	Sets HM interval as TC of CMY for to calculate TD sensor sensitivity.		
044	TC Between H-M:Col	*ENG	[1.00 to 10.00 / <b>4.40</b> / 0.01wt%
	Sets ML interval as TC of CMY for to calculate TD sensor sensitivity.		



<b>3210</b>	<b>[TD.Sens:Vt :Disp]</b>		
	Displays latest T sensor output.		
001	Current: K	*ENG	[0.00 to 5.50 / <b>0.00</b> / 0.01V/step]
002	Current: C	*ENG	
003	Current: M	*ENG	
004	Current: Y	*ENG	

<b>3211</b>	<b>[Vt Limits Err :Disp]</b>		
002	Upper Threshold	*ENG	[0.00 to 5.00 / <b>4.70</b> / 0.01V/step]
	Sets Vt upper limit threshold to decide as Vt upper limit error.		
003	Thresh Num of UpperCounter	*ENG	[0 to 255 / <b>20</b> / 1times/step]
	Sets the number of times exceeding Vt upper limit to set off SC360 to 363 (Vt upper limit error).		
004	Lower Threshold	*ENG	[0.00 to 5.00 / <b>0.50</b> / 0.01V/step]
	Sets Vt upper limit threshold to decide as Vt lower limit error.		
005	Threshold Num of LowerCounter	*ENG	[0 to 255 / <b>10</b> / 1times/step]
	Sets the number of times exceeding Vt lower limit to set off SC365 to 363 (Vt upper limit error).		
<b>3211</b>	<b>[Vt Limits Err :Disp]</b>		
	Counts times of Vt(K/C/M/Y) exceeding Vt upper limit threshol		
011	Upper Counter: Bk	*ENG	[0 to 255 / <b>0</b> / 1times/step]
012	Upper Counter: C	*ENG	
013	Upper Counter: M	*ENG	
014	Upper Counter: Y	*ENG	
<b>3211</b>	<b>[Vt Limits Err :Disp]</b>		
	Counts times of Vt(K/C/M/Y) exceeding Vt lower limit threshold.		

021	Lower Counter: Bk	*ENG	[0 to 255 / 0 / 1times/step]
022	Lower Counter: C	*ENG	
023	Lower Counter: M	*ENG	
024	Lower Counter: Y	*ENG	

3212	<b>[Vt Shift :Set]</b>		
	Sets middle speed correction amount for correcting Vt shift caused by line speed.		
001	Mid Spd:K	*ENG	[0.00 to 2.55 / 8 / 0.01V/step]
002	Mid Spd:C	*ENG	[0.00 to 2.55 / 0.07 / 0.01V/step]
003	Mid Spd:M	*ENG	
004	Mid Spd:Y	*ENG	
3212	<b>[Vt Shift :Set]</b>		
	Sets low speed correction amount for correcting Vt shift caused by line speed.		
011	Low Spd:K	*ENG	[0.00 to 2.55 / 0.14 / 0.01V/step]
012	Low Spd:C	*ENG	
013	Low Spd:M	*ENG	
014	Low Spd:Y	*ENG	
3212	<b>[Vt Shift :Set]</b>		
	Sets ON/OFF TC correction amount of Vt shift.		
101	ON/OFF	*ENG	[0 or 1 / 1 / 1/step] 0: OFF 1:ON
3212	<b>[Vt Shift :Set]</b>		
	Displays TC correction amount of Vt shift.		

111	TC Mid Spd:K	*ENG	[-0.50 to 0.50 / <b>0.00</b> / 0.01V/step]
112	TC Mid Spd:C	*ENG	
113	TC Mid Spd:M	*ENG	
114	TC Mid Spd:Y	*ENG	
121	TC Low Spd:K	*ENG	
122	TC Low Spd:C	*ENG	
123	TC Low Spd:M	*ENG	
124	TC Low Spd:Y	*ENG	

<b>3214</b>	<b>[Vt Save :Set]</b>		
	Saves Vt based to image area ratio.		
001	Coverage Thresh	*ENG	[0 to 100 / <b>20</b> / 1%/step]

<b>3218</b>	<b>[Vt Err Flag :Disp]</b>		
001	UppErr Flag: K	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Sets flag "1" when Vt(K) excesses Vt upper limit error threshold (SP3-221-002) even 1 time.		
002	UppErr Flag: C	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Sets flag "1" when Vt(C) excesses Vt upper limit error threshold (SP3-221-002) even 1 time.		
003	UppErr Flag: M	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Sets flag "1" when Vt(M) excesses Vt upper limit error threshold (SP3-221-002) even 1 time.		
004	UppErr Flag: Y	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Sets flag "1" when Vt(Y) excesses Vt upper limit error threshold (SP3-221-002) even 1 time.		
011	LowErr Flag: K	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Sets flag "1" when Vt(K) excesses Vt lower limit error threshold (SP3-221-004) even 1 time.		

012	LowErr Flag: C	*ENG	[0 or 1 / 0 / 1/step]
	Sets flag "1" when Vt(C) exceeds Vt lower limit error threshold (SP3-221-004) even 1 time.		
013	LowErr Flag: M	*ENG	[0 or 1 / 0 / 1/step]
	Sets flag "1" when Vt(M) exceeds Vt lower limit error threshold (SP3-221-004) even 1 time.		
014	LowErr Flag: Y	*ENG	[0 or 1 / 0 / 1/step]
	Sets flag "1" when Vt(Y) exceeds Vt lower limit error threshold (SP3-221-004) even 1 time.		

<b>3220</b>	<b>[Vtcnt :Disp/Set]</b>		
001	Current: K	*ENG	[2.00 to 5.00 / 3.60 / 0.01V/step]
	Displays/Sets Current TD Sensor Control Voltage (K).		
002	Current: C	*ENG	[2.00 to 5.00 / 3.75 / 0.01V/step]
	Displays/Sets Current TD Sensor Control Voltage (C).		
003	Current: M	*ENG	[2.00 to 5.00 / 3.75 / 0.01V/step]
	Displays/Sets Current TD Sensor Control Voltage (M).		
004	Current: Y	*ENG	[2.00 to 5.00 / 3.75 / 0.01V/step]
	Displays/Sets Current TD Sensor Control Voltage (Y).		
011	Initial: K	*ENG	[2.00 to 5.00 / 3.60 / 0.01V/step]
	Displays control voltage of TD sensor when default setting TD sensor.		
012	Initial: C	*ENG	[2.00 to 5.00 / 3.75 / 0.01V/step]
	Displays control voltage of TD sensor when default setting TD sensor.		
013	Initial: M	*ENG	[2.00 to 5.00 / 3.75 / 0.01V/step]
	Displays control voltage of TD sensor when default setting TD sensor.		
014	Initial: Y	*ENG	[2.00 to 5.00 / 3.75 / 0.01V/step]
	Displays control voltage of TD sensor when default setting TD sensor.		

<b>3230</b>	<b>[Vtref :Disp/Set]</b>		
001	Current: K	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Displays / Sets current target value of TD sensor's output voltage: Vtref (K).		
002	Current: C	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Displays / Sets current target value of TD sensor's output voltage: Vtref (C).		
003	Current: M	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Displays / Sets current target value of TD sensor's output voltage: Vtref (M).		
004	Current: Y	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Displays / Sets current target value of TD sensor's output voltage: Vtref (Y).		
011	Initial: K	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Displays target value of TD sensor's (K) output voltage when executing TD sensor initial setting.		
012	Initial: C	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Displays target value of TD sensor's (C) output voltage when executing TD sensor initial setting.		
013	Initial: M	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Displays target value of TD sensor's (M) output voltage when executing TD sensor initial setting.		
014	Initial: Y	*ENG	[0.00 to 5.00 / <b>2.50</b> / 0.01V/step]
	Displays target value of TD sensor's (Y) output voltage when executing TD sensor initial setting.		
<b>3230</b>	<b>[Vtref :Disp/Set]</b>		
	Displays pixel correction amount of Vtref correction by image area.		
021	Pixel Correction: K	*ENG	[-5.00 to 5.50 / <b>0.00</b> / 0.01V/step]
022	Pixel Correction: C	*ENG	
023	Pixel Correction: M	*ENG	
024	Pixel Correction: Y	*ENG	

3231		[Vtref Limits :Set]	
001	Upper:K	*ENG	[0.00 to 5.00 / <b>4.00</b> / 0.01V/step]
	Sets upper limit for target value of TD sensor's output voltage: Vtref (K).		
002	Upper:C	*ENG	[0.00 to 5.00 / <b>4.00</b> / 0.01V/step]
	Sets upper limit for target value of TD sensor's output voltage: Vtref (C).		
003	Upper:M	*ENG	[0.00 to 5.00 / <b>4.00</b> / 0.01V/step]
	Sets upper limit for target value of TD sensor's output voltage: Vtref (M).		
004	Upper:Y	*ENG	[0.00 to 5.00 / <b>4.00</b> / 0.01V/step]
	Sets upper limit for target value of TD sensor's output voltage: Vtref (Y).		
011	Lower:K	*ENG	[0.00 to 5.00 / <b>2.00</b> / 0.01V/step]
	Sets lower limit for target value of TD sensor's output voltage: Vtref (K).		
012	Lower:C	*ENG	[0.00 to 5.00 / <b>2.00</b> / 0.01V/step]
	Sets lower limit for target value of TD sensor's output voltage: Vtref (C).		
013	Lower:M	*ENG	[0.00 to 5.00 / <b>2.00</b> / 0.01V/step]
	Sets lower limit for target value of TD sensor's output voltage: Vtref (M).		
014	Lower:Y	*ENG	[0.00 to 5.00 / <b>2.00</b> / 0.01V/step]
	Sets lower limit for target value of TD sensor's output voltage: Vtref (Y).		

3232		[Vtref Correct:Pixel]	
001	ON/OFF	*ENG	[0 or 1 / <b>1</b> / 1/step] 0: OFF 1: ON
	Switches ON/OFF pixel Vtref correction.		

3232	<b>[Vtref Correct:Pixel]</b>		
	Sets coefficient to decide Vtref correction value of Vtref correction by image area.		
	Vtref correction value: SP3-222-009 to 012 = calculated Vtref correction value small area coefficient (This SP)		
	How to use this SP: Vtref correction by image area.		
011	Low Coverage Coef:K	*ENG	[0.0 to 5.0 / <b>1.0</b> / 0.1/step]
012	Low Coverage Coef:C	*ENG	
013	Low Coverage Coef:M	*ENG	
014	Low Coverage Coef:Y	*ENG	
3232	<b>[Vtref Correct:Pixel]</b>		
	Sets coefficient to decide Vtref correction value of Vtref correction by image area.		
	Vtref correction value: SP3-222-009 to 012 = calculated Vtref correction value large area coefficient (This SP)		
	How to use this SP: Vtref correction by image area.		
021	High Coverage Coeff:K	*ENG	[0 to 50 / <b>0.5</b> / 0.1/step]
022	High Coverage Coeff:C	*ENG	[0 to 50 / <b>1.0</b> / 0.1/step]
023	High Coverage Coeff:M	*ENG	[0 to 50 / <b>1.0</b> / 0.1/step]
024	High Coverage Coeff:Y	*ENG	[0 to 50 / <b>1.0</b> / 0.1/step]
<b>3232</b>	<b>[Vtref Correct:Pixel]</b>		
040	Initial ProCon Thresh	*ENG	[0 to 255 / <b>100</b> / 1times/step]
	Sets the first executing timing of the process control in which high coverage images are processed consecutively.		
041	High Coverage Thresh:H	*ENG	[0 to 100 / <b>100</b> / 1%/step]
	Sets the threshold of coverage to define high image.		
050	ProCon Thresh	*ENG	[0 to 255 / <b>100</b> / 1times/step]
	Sets the 2nd executing timing of the process control in which high coverage images are processed consecutively.		

060	Low Coverage Thresh	*ENG	[0.0 to 20.0 / <b>3.0</b> / 0.1%/step]
	Sets the threshold of coverage to define low image.		
3232	<b>[Vtref Correct:Pixel]</b>		
	Sets the value to correct the TC upper limit in which low coverage images are processed consecutively.		
070	TC Upper Limit Correction	*ENG	[0.0 to 5.0 / <b>0.5</b> / 0.1wt%/step]
071	TC Upper Limit:Display:Bk	*ENG	[1.0 to 15.0 / <b>8.5</b> / 0.1wt%/step]
072	TC Upper Limit:Display:C	*ENG	
073	TC Upper Limit:Display:M	*ENG	
074	TC Upper Limit:Display:Y	*ENG	

<b>3233</b>	<b>[RTP Vtref Corr :Disp/Set]</b>		
001		*ENG	[0 or 1 / <b>1</b> / 1/step] 0: OFF 1: ON
	ON/OFF		
Controls ON/OFF the Vtref correction done based on RTP pattern deposit amount during print.			
<b>3233</b>	<b>[RTP Vtref Corr :Disp/Set]</b>		
Sets Vtref correction value (K/C/M/Y) when RTP pattern deposit amount goes over deposit amount threshold (upper/lower limit).			
011	Corr Amt(+):K	*ENG	[0.00 to 1.00 / <b>0.03</b> / 0.01V/step]
012	Corr Amt(+):C	*ENG	
013	Corr Amt(+):M	*ENG	
014	Corr Amt(+):Y	*ENG	
021	Corr Amt(-):K	*ENG	
022	Corr Amt(-):C	*ENG	
023	Corr Amt(-):M	*ENG	
024	Corr Amt(-):Y	*ENG	



<b>3233</b>	<b>[RTP Vtref Corr :Disp/Set]</b>		
	Sets upper/lower limit threshold (K/C/M/Y) of RTP deposit amount.		
031	Corr Thresh:K	*ENG	[0.000 to 0.100 / <b>0.005</b> / 0.001mg/cm2/step]
032	Corr Thresh:C	*ENG	[0.000 to 0.100 / <b>0.010</b> / 0.001mg/cm2/step]
033	Corr Thresh:M	*ENG	
034	Corr Thresh:Y	*ENG	
<b>3233</b>	<b>[RTP Vtref Corr :Disp/Set]</b>		
041	Vtavg Weight Coeff (H)	*ENG	[0 to 100 / <b>30</b> / 1%/step]
	Sets the weight of Vtavg and Vtref used for Vtref Correction Standard Value when Paper Interval Adhesion Amount exceeds Adhesion Amount Threshold (Upper Limit).		
051	Vtavg Weight Coeff (M)	*ENG	[0 to 100 / <b>0</b> / 1%/step]
	Sets the weight of Vtavg and Vtref used for Vtref Correction Standard Value when Paper Interval Adhesion Amount exceeds Adhesion Amount Threshold (Lower Limit).		
061	Vtavg Weight Coeff (L)	*ENG	[0 to 100 / <b>5</b> / 1%/step]
	Sets the weight of Vtavg and Vtref used for Vtref Correction Standard Value when Paper Interval Adhesion Amount exceeds Adhesion Amount Threshold (Lower Limit).		
<b>3234</b>	<b>[Vtref Corr :Disp/Set]</b>		
001	ON/OFF	*ENG	[0 or 1 / <b>1</b> / 1/step] 0: OFF 1: ON
	Controls ON/OFF Vtref correction of electric potential control.		
<b>3234</b>	<b>[Vtref Corr :Disp/Set]</b>		
	Set when controlling to keep toner density low with electric potential based on develop gamma. Means Vtref correction (+) side correction amount.		

011	Corr Amt(+):K	*ENG	[0.00 to 1.00 / <b>0.01</b> / 0.01V/step]
012	Corr Amt(+):C	*ENG	
013	Corr Amt(+):M	*ENG	
014	Corr Amt(+):Y	*ENG	
<b>3234</b>	<b>[Vtref Corr :Disp/Set]</b>		
	Set when controlling to keep toner density low with electric potential based on develop gamma. Means Vtref correction (-) side correction amount.		
021	Corr Amt(-):K	*ENG	[0.00 to 1.00 / <b>0.01</b> / 0.01V/step]
022	Corr Amt(-):C	*ENG	
023	Corr Amt(-):M	*ENG	
024	Corr Amt(-):Y	*ENG	
<b>3234</b>	<b>[Vtref Corr :Disp/Set]</b>		
031	P Rank 1 Threshold	*ENG	[0.00 to 2.00 / <b>0.15</b> / 0.01/step]
	Sets the Threshold 1 which determines the rank of development gamma, using the difference between the development delta (target value) and the development gamma (current value).		
032	P Rank 2 Threshold	*ENG	[0.00 to 2.00 / <b>0.05</b> / 0.01/step]
	Sets the Threshold 2 which determines the rank of development gamma, using the difference between the development delta (target value) and the development gamma (current value).		
033	P Rank 3 Threshold	*ENG	[-2.00 to 0.00 / <b>-0.05</b> / 0.01/step]
	Sets the Threshold 3 which determines the rank of development gamma, using the difference between the development delta (target value) and the development gamma (current value).		
034	P Rank 4 Threshold	*ENG	[-2.00 to 0.00 / <b>-0.15</b> / 0.01/step]
	Sets the Threshold 4 which determines the rank of development gamma, using the difference between the development delta (target value) and the development gamma (current value).		

041	T Rank 1 Threshold	*ENG	[-1.00 to 0.00 / <b>-0.20</b> / 0.01V/step]
	Threshold to decide toner density as "Deep" or "Fair" by Vt and Vtref's diff (delta Vt) among the Vtref correct execution conditions.		
042	T Rank 2 Threshold	*ENG	[0.00 to 1.00 / <b>0.20</b> / 0.01V/step]
	Threshold to decide toner density as "Thin" or "Fair" by Vt and Vtref's diff (delta Vt) among the Vtref correct execution conditions.		
050	Correction Coefficient	*ENG	[1.0 to 5.0 / <b>2.0</b> / 0.1/step]
	Sets correction coefficient for Vtref correction amount.		

3250	<b>[ImgArea :Disp]</b>		
	Displays image area for the latest page.		
001	ImgArea:K	*ENG	[0 to 9999 / <b>0</b> / 1cm2/step]
002	ImgArea:C	*ENG	
003	ImgArea:M	*ENG	
004	ImgArea:Y	*ENG	

3251	<b>[DotCoverage :Disp]</b>		
	Displays image area rate (K) for the latest page.		
001	DotCoverage:K	*ENG	[0.00 to 100.00 / <b>0.00</b> / 0.01%/step]
	Displays image area rate (K) for the latest page.		
002	DotCoverage:C	*ENG	[0.00 to 100.00 / <b>0.00</b> / 0.01%/step]
	Displays image area rate (C) for the latest page.		
003	DotCoverage:M	*ENG	[0.00 to 100.00 / <b>0.00</b> / 0.01%/step]
	Displays image area rate (M) for the latest page.		
004	DotCoverage:Y	*ENG	[0.00 to 100.00 / <b>0.00</b> / 0.01%/step]
	Displays image area rate (Y) for the latest page.		
011	DC Avg.:S:K	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: S (K)		

012	DC Avg.:S:C	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: S (C)		
013	DC Avg.:S:M	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: S (M)		
014	DC Avg.:S:Y	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: S (Y)		
021	DC Avg.:M:K	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: M (K)		
022	DC Avg.:M:C	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: M (C)		
023	DC Avg.:M:M	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: M (M)		
024	DC Avg.:M:Y	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: M (Y)		
031	DC Avg.:L:K	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: L (K)		
032	DC Avg.:L:C	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: L (C)		
033	DC Avg.:L:M	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: L (M)		
034	DC Avg.:L:Y	*ENG	[0.00 to 100.00 / <b>5.00</b> / 0.01%/step]
	Displays image area rate cumulative average: L (Y)		
041	TotalPage:S:Set	*ENG	[1 to 255 / <b>10</b> / 1 sheet/step]
	Sets cumulative sheets: S		
042	TotalPage:M:Set	*ENG	[1 to 500 / <b>10</b> / 1 sheet/step]
	Sets cumulative sheets: M		

043	TotalPage:L:Set	*ENG	[1 to 999 / <b>50</b> / 1 sheet/step]
	Sets cumulative sheets: L		
051	TotalPage:S:Set	*ENG	[1 to 255 / <b>20</b> / 1 sheet/step]
	Sets cumulative sheets: S		
052	TotalPage:M:Set	*ENG	[1 to 500 / <b>10</b> / 1 sheet/step]
	Sets cumulative sheets: M		
053	TotalPage:L:Set	*ENG	[1 to 999 / <b>50</b> / 1 sheet/step]
	Sets cumulative sheets: L		

<b>3252</b>	<b>[AccumImgArea :Disp]</b>		
	Displays cumulative image area.		
001	ImgArea:K	*ENG	[0 to 65535 / <b>0</b> / 1cm <sup>2</sup> /step]
002	ImgArea:C	*ENG	
003	ImgArea:M	*ENG	
004	ImgArea:Y	*ENG	

<b>3260</b>	<b>[Temperature/Humidity: Display]</b>		
001	Temperature	ENG	[-5.0 to 45.0 / <b>0.0</b> / 0.1deg]
	Displays temperature of environment sensor output.		
002	Relative Humidity	ENG	[0.0 to 100.0 / <b>0.0</b> / 0.1%RH/step]
	Displays relative humidity of environment sensor output.		
003	Absolute Humidity	ENG	[0.00 to 100.00 / <b>0.00</b> / 0.01g/m3/step]
	Displays absolute humidity of environment sensor output.		

<b>3300</b>	<b>[RTP Pattern :Disp]</b>		
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001	M/A(Latest):K	*ENG	[0.000 to 1.000 / <b>0.000</b> / 0.001 mg/cm <sup>2</sup> /step]
	Displays latest RTP pattern sensor's deposit amount (K).		
002	M/A(Latest):C	*ENG	[0.000 to 1.000 / <b>0.000</b> / 0.001 mg/cm <sup>2</sup> /step]
	Displays latest RTP pattern sensor's deposit amount (C).		
003	M/A(Latest):M	*ENG	[0.000 to 1.000 / <b>0.000</b> / 0.001 mg/cm <sup>2</sup> /step]
	Displays latest RTP pattern sensor's deposit amount (M).		
004	M/A(Latest):Y	*ENG	[0.000 to 1.000 / <b>0.000</b> / 0.001 mg/cm <sup>2</sup> /step]
	Displays latest RTP pattern sensor's deposit amount (Y).		
011	M/A(Target):K	*ENG	[0.000 to 1.000 / <b>0.220</b> / 0.001 mg/cm <sup>2</sup> /step]
	Displays RTP pattern sensor's depositing target amount (K).		
012	M/A(Target):C	*ENG	[0.000 to 1.000 / <b>0.400</b> / 0.001 mg/cm <sup>2</sup> /step]
	Displays RTP pattern sensor's depositing target amount (C).		
013	M/A(Target):M	*ENG	[0.000 to 1.000 / <b>0.450</b> / 0.001 mg/cm <sup>2</sup> /step]
	Displays RTP pattern sensor's depositing target amount (M).		
014	M/A(Target):Y	*ENG	[0.000 to 1.000 / <b>0.400</b> / 0.001 mg/cm <sup>2</sup> /step]
	Displays RTP pattern sensor's depositing target amount (Y).		

<b>3301</b>	<b>[RTP Pattern :Set]</b>		
001	Create Intrvl:BW	ENG	[0 to 200 / <b>10</b> / 1 pages]
	Sets creating interval (K) for RTP pattern.		

002	Create Intrvl:FC	ENG	[0 to 200 / <b>10</b> / 1pages]
	Sets creating interval (C) for RTP pattern.		
011	Page Cnt:BW	*ENG	[0 to 200 / <b>0</b> / 1pages]
	Displays sheets counter value (K) for RTP pattern.		
012	Page Cnt:FC	*ENG	[0 to 200 / <b>0</b> / 1pages]
	Displays sheets counter value (C) for RTP pattern.		
021	M/A UppErr:K	ENG	[0.000 to 1.000 / <b>0.600</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets error decision threshold (K) for SC380 RTP patter error.		
022	M/A UppErr:Col	ENG	[0.000 to 2.000 / <b>1.200</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets error decision threshold (CMY) for SC381 to SC383 RTP patter error.		
023	M/A LowErr:K	ENG	[0.000 to 1.000 / <b>0.100</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets error decision threshold (K) for SC385 RTP patter error.		
024	M/A LowErr:Col	ENG	[0.000 to 1.000 / <b>0.200</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets error decision threshold (CMY) for SC386 to SC388 RTP patter error.		
031	Feed Cnt :Set	*ENG	[0 to 99999999 / <b>50000</b> / 1ms/step]
	Totals up ON time of sub hopper feed clutch (Reset when toner end sensor detects toner).		
041	Feed Cnt :K	*ENG	[0 to 99999999 / <b>0</b> / 1 ms/step]
	Totals up ON time of sub hopper feed clutch (K).		
042	Feed Cnt :C	*ENG	[0 to 99999999 / <b>0</b> / 1 ms/step]
	Totals up ON time of sub hopper feed clutch (C).		
043	Feed Cnt :M	*ENG	[0 to 99999999 / <b>0</b> / 1 ms/step]
	Totals up ON time of sub hopper feed clutch (M).		

044	Feed Cnt :Y	*ENG	[0 to 99999999 / 0 / 1 ms/step]
	Totals up ON time of sub hopper feed clutch (Y).v		
081	M/A(RTP)_Std	*ENG	[0.000 to 1.000 / <b>0.200</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets standard deposit amount of RTP pattern deposit amount target value (K).		
091	M/A Thresh_Upp:K	*ENG	[0.000 to 1.000 / <b>0.086</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets upper limit threshold of RTP pattern deposit amount target value (K).		
092	M/A Thresh_Upp:C	*ENG	[0.000 to 1.000 / <b>0.050</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets upper limit threshold of RTP pattern deposit amount target value (C).		
093	M/A Thresh_Upp:M	*ENG	[0.000 to 1.000 / <b>0.050</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets upper limit threshold of RTP pattern deposit amount target value (M).		
094	M/A Thresh_Upp:Y	*ENG	[0.000 to 1.000 / <b>0.050</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets upper limit threshold of RTP pattern deposit amount target value (Y).		
101	M/A Thresh_Low:K	*ENG	[0.000 to 1.000 / <b>0.086</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets lower limit threshold of RTP pattern deposit amount target value (K).		
102	M/A Thresh_Low:C	*ENG	[0.000 to 1.000 / <b>0.100</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets lower limit threshold of RTP pattern deposit amount target value (C).		
103	M/A Thresh_Low:M	*ENG	[0.000 to 1.000 / <b>0.100</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets lower limit threshold of RTP pattern deposit amount target value (M).		
104	M/A Thresh_Low:Y	*ENG	[0.000 to 1.000 / <b>0.100</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets lower limit threshold of RTP pattern deposit amount target value (Y).		




111	Weight Coeff:K	*ENG	[1 to 10 / 1 / 1/step]
	Adds weight to leveling process of RTP pattern deposit amount target value (K).		
112	Weight Coeff:Col	*ENG	[1 to 10 / 1 / 1/step]
	Adds weight to leveling process of RTP pattern deposit amount target value (Col).		

3310	<b>[ID.Sens :Voffset]</b>		
	Displays specular reflection light output voltage of ID sensor's LED OFF time.		
001	Voffset reg (Front)	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
002	Voffset reg (Center)	*ENG	
003	Voffset reg (Rear)	*ENG	
3310	<b>[ID.Sens :Voffset]</b>		
	Displays diffuse reflection light output voltage of ID sensor's LED OFF time.		
011	Voffset dif (Front)	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
012	Voffset dif (Center)	*ENG	
013	Voffset dif (Rear)	*ENG	
3310	<b>[ID.Sens :Voffset]</b>		
	Displays specular reflection light output voltage of TM_Front sensor's LED OFF time.		
021	Voffset TM(Front)	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Displays specular reflection light output voltage of TM_Front sensor's LED OFF time.		
022	Voffset TM(Center)	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Displays specular reflection light output voltage of TM_Center sensor's LED OFF time		
023	Voffset TM(Rear)	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Displays specular reflection light output voltage of TM_Rear sensor's LED OFF time.		
3311	<b>[ID.Sens :Vmin]</b>		
	Displays Black Vmin output of tone pattern.		

001	Vmin_K(Front)	*ENG	[0.000 to 5.000 / <b>0.000</b> / 0.001V/step]
002	Vmin_K(Center)	*ENG	
003	Vmin_K(Rear)	*ENG	

<b>3312</b>	<b>[ID.Sens :Vct]</b>		
	Factory adjust value of ID sensor.		
001	Vct_reg(Front)	*ENG	[0.000 to 5.000 / <b>0.000</b> / 0.001V/step]
002	Vct_reg(Center)	*ENG	
003	Vct_reg(Rear)	*ENG	
011	Vct_dif(Front)	*ENG	
012	Vct_dif(Center)	*ENG	
013	Vct_dif(Rear)	*ENG	

<b>3320</b>	<b>[Vsg Adj: Execute]</b>		
001	P Sensor	ENG	[0 or 1 / 0 / 1/step] [Execute]
	Adjusts Vsg.		
012	Voffset Threshold	*ENG	[0.00 to 5.00 / <b>1.00</b> / 0.01V/step]
	Sets upper limit threshold of Voffset error.		
013	Vsg Upper Threshold	*ENG	[0.00 to 5.00 / <b>4.50</b> / 0.01V/step]
	Sets upper limit threshold of Vsg adjust error.		
014	Vsg Lower Threshold	*ENG	[0.00 to 5.00 / <b>3.50</b> / 0.01V/step]
	Sets lower limit threshold of Vsg adjust error.		
015	Ifsg UpperLimit	*ENG	[0.0 to 50.0 / <b>30.0</b> / 0.1mA/step]
	Sets error decision threshold of SC382 (If upper limit error).		

020	Interval :Set	*ENG	[0 to 2000 / 0 / 1page/step]
	Sets Vsg adjusting execute page interval to be decided after or during printing.		
<div style="border: 1px solid blue; border-radius: 10px; padding: 2px; display: inline-block;">  <b>Note</b> </div> <ul style="list-style-type: none"> <li>• Will be executed when Pro-Con or MUSIC decides necessity. (Won't work alone)</li> </ul>			
021	Page Cnt	*ENG	[0 to 2000 / 0 / 1page/step]
	Displays Page counter for Vsg execute decision.		
031	Vsg Error Counter (Front)	*ENG	[0 to 99 / 0 / 1times/step]
	Counts Vsg error.		
032	Vsg Error Counter (Center)	*ENG	[0 to 99 / 0 / 1times/step]
	Counts Vsg error.		
033	Vsg Error Counter (Rear)	*ENG	[0 to 99 / 0 / 1times/step]
	Counts Vsg error.		

3321	<b>[Adjusted Vsg]</b>		
	Displays specular reflection light output of belt background area adjusted Vsg.		
001	Vsg reg (Front)	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
002	Vsg reg (Center)	*ENG	
003	Vsg reg (Rear)	*ENG	
3321	<b>[Adjusted Vsg]</b>		
	Displays diffuse reflection light output of belt background area adjusted Vsg.		
011	Vsg dif (Front)	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
012	Vsg dif (Center)	*ENG	
013	Vsg dif (Rear)	*ENG	
021	Vsg reg(BW)	*ENG	[0.00 to 5.50 / 0.00 / 0.01V/step]
	Displays specular reflection light output of belt background area adjusted Vs		

031	Vsg dif(BW)	* ENG	[0.00 to 5.50 / <b>0.00</b> / 0.01V/step]
	Displays diffuse reflection light output of belt background area adjusted Vsg.		
041	Vsg TM(Front)	* ENG	[0.00 to 5.50 / <b>0.00</b> / 0.01V/step]
	Displays specular reflection light output of belt background area adjusted Vsg. (TM_Front sensor)		
042	Vsg TM(Center)	* ENG	[0.00 to 5.50 / <b>0.00</b> / 0.01V/step]
	Displays specular reflection light output of belt background area adjusted Vsg. (TM_Center sensor)		
043	Vsg TM(Rear)	* ENG	[0.00 to 5.50 / <b>0.00</b> / 0.01V/step]
	Displays specular reflection light output of belt background area adjusted Vsg. (TM_Rear sensor)		

3322	<b>[Adjusted Ifsg]</b>		
	LED ampere value for RTP.		
001	Ifsg RTP (Front)	* ENG	[0.0 to 50.0 / <b>10.0</b> / 0.1mA/step]
002	Ifsg RTP (Center)	* ENG	
003	Ifsg RTP (Rear)	* ENG	
3322	<b>[Adjusted Ifsg]</b>		
	LED ampere value min. value.		
011	Ifsg Min (Front)	* ENG	[0.0 to 50.0 / <b>27.0</b> / 0.1mA/step]
012	Ifsg Min (Center)	* ENG	
013	Ifsg Min (Rear)	* ENG	
3322	<b>[Adjusted Ifsg]</b>		
	LED ampere value for electric potential control;, MUSIC.		
021	Ifsg: TM(Front)	* ENG	[0.0 to 50.0 / <b>10.0</b> / 0.1mA/step]
022	Ifsg: TM(Center)	* ENG	
023	Ifsg: TM(Rear)	* ENG	

3323	<b>[Vsg Adj OK?]</b>		
	Displays Vsg adjustment result (SP assign for have compatibility with unification model sires)		
	<ul style="list-style-type: none"> <li>• Left digit: TM/P sensor (R)</li> <li>• Right digit: TM/P sensor (L)</li> </ul>		
	Displays result by each sensor from left in R, then L order.		
	Code	Result	detail
	0	Did not EXEC.	(SP default)
	1	Succeed	-
	2	ID sensor proofread error	Out of range from Vsg= Vsg_reg(target value) ±x.x[V/step]
	3	Offset voltage error	Voffset_reg>Max. or Voffset_dif>Max.
4	LED Ampere Max. error.	lfsg>Max.	
5	ID sensor output error.	Vsg< Vsg_reg(error)	
9	Kill	Kill by error of door open, power off.	
001	Latest	*ENG	[0 to 999 / 0 / 1/step]
002	Latest 2	*ENG	
003	Latest 3	*ENG	
004	Latest 4	*ENG	
005	Latest 5	*ENG	
006	Latest 6	*ENG	
007	Latest 7	*ENG	
008	Latest 8	*ENG	
009	Latest 9	*ENG	
010	Latest 10	*ENG	
3330	<b>[ID.Sens Coef :Disp]</b>		

001	K2(Latest) (Front)	*ENG	[0.0000 to 5.0000 / <b>0.0000</b> / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K2.		
002	K2(Latest) (Center)	*ENG	[0.0000 to 5.0000 / <b>0.0000</b> / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K3.		
003	K2(Latest) (Rear)	*ENG	[0.0000 to 5.0000 / <b>0.0000</b> / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K4.		
011	K5(Latest) (Front)	*ENG	[0.0000 to 5.0000 / <b>5.0000</b> / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K5		
012	K5(Latest) (Center)	*ENG	[0.0000 to 5.0000 / <b>5.0000</b> / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K6.		
013	K5(Latest) (Rear)	*ENG	[0.0000 to 5.0000 / <b>5.0000</b> / 0.0001/step]
	Displays latest value of ID sensor sensitivity correction coefficient: K7.		

3331	<b>[ID.Sens Coef :Set]</b>		
	Assign (no need with Tomahawk) for having compatibility with unification model sires (Ap/At, Diana, Zeus).		
001	K2: Upp Limit Corr	*ENG	[-0.20 to 0.40 / <b>0.17</b> / 0.01/step]
002	K2: Lwr Limit Corr	*ENG	[-0.40 to 0.20 / <b>0.03</b> / 0.01/step]
003	K2: Upp/Lwr Limit Coef1	*ENG	[0.00 to 1.00 / <b>0.00</b> / 0.01]
3331	<b>[ID.Sens Coef :Set]</b>		
	004	Kn: Upper	*ENG [0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets upper limit valid range of standardization value for specular reflection used for calculating sensitivity correction: K5.		

005	Kn: Lower	*ENG	[0.00 to 1.00 / <b>0.10</b> / 0.01/step]
	Sets lower limit valid range of standardization value for specular reflection used for calculating sensitivity correction: K5		
006	K5: Upper	*ENG	[0.00 to 10.00 / <b>5.00</b> / 0.01/step]
	Sets upper limit value of calculated sensitivity correction coefficient: K5.		
007	K5: Lower	*ENG	[0.00 to 1.00 / <b>0.35</b> / 0.01/step]
	Sets lower limit value of calculated sensitivity correction coefficient: K5.		
008	K5: Target Point	*ENG	[0.00 to 1.00 / <b>0.15</b> / 0.01/step]
	Sets proofreading point (Kn) of sensitivity correction coefficient: K5.		
009	K5: Target Voltage	*ENG	[0.00 to 5.00 / <b>1.16</b> / 0.01V/step]
	Sets proofreading point (Kn) of sensitivity correction coefficient: K5.		
012	Corrct Coef:C	*ENG	[0.500 to 1.500 / <b>1.000</b> / 0.001/step]
	Sets color diff correction coefficient (C) of Delta Vsp_Dif_Dash.		
013	Corrct Coef:M	*ENG	[0.500 to 1.500 / <b>0.996</b> / 0.001/step]
	Sets color diff correction coefficient (M) of Delta Vsp_Dif_Dash.		
014	Corrct Coef:Y	*ENG	[0.500 to 1.500 / <b>1.111</b> / 0.001/step]
	Sets color diff correction coefficient (Y) of Delta Vsp_Dif_Dash.		

3332	<b>[M/A Calculation]</b>		
	Assign (no need with Tomahawk) for having compatibility with unification model sires (Ap/At, Diana, Zeus).		
001	Corrct Coef:K	*ENG	[0.50 to 2.00 / <b>1.00</b> / 0.01/step]
002	Corrct Coef:C	*ENG	
003	Corrct Coef:M	*ENG	
004	Corrct Coef:Y	*ENG	

<b>3333</b>	<b>[ID.Sens TestVal:F]</b>		
	Shipping test value of ID sensor. Factory inputs using process application. Service personal inputs when on the market.		
001	K2: Check	*ENG	[0.000 to 1.000 / <b>0.516</b> / 0.001/step]
002	Diffuse Corr	*ENG	[0.75 to 1.35 / <b>1.00</b> / 0.01/step]
003	Vct_reg Check:Slope	*ENG	[0.0 to 200.0 / <b>0.0</b> / 0.1mV/mA]
004	Vct_reg Check:Xint	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1mA/step]
005	Vct_dif Check:Slope	*ENG	[0.0 to 200.0 / <b>0.0</b> / 0.1mV/mA]
006	Vct_dif Check:Xint	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1mA/step]

<b>3334</b>	<b>[ID.Sens TestVal:C]</b>		
	Shipping test value of ID sensor. Factory inputs using process application. Service personal inputs when on the market.		
001	K2: Check	*ENG	[0.000 to 1.000 / <b>0.516</b> / 0.001/step]
002	Diffuse Corr	*ENG	[0.75 to 1.35 / <b>1.00</b> / 0.01/step]
003	Vct_reg Check:Slope	*ENG	[0.0 to 200.0 / <b>0.0</b> / 0.1mV/mA]
004	Vct_reg Check:Xint	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1mA/step]
005	Vct_dif Check:Slope	*ENG	[0.0 to 200.0 / <b>0.0</b> / 0.1mV/mA]
006	Vct_dif Check:Xint	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1mA/step]

<b>3335</b>	<b>[ID.Sens TestVal:R]</b>		
	Shipping test value of ID sensor. Factory inputs using process application. Service personal inputs when on the market.		
001	K2: Check	*ENG	[0.000 to 1.000 / <b>0.516</b> / 0.001/step]
002	Diffuse Corr	*ENG	[0.75 to 1.35 / <b>1.00</b> / 0.01/step]
003	Vct_reg Check:Slope	*ENG	[0.0 to 200.0 / <b>0.0</b> / 0.1mV/mA/step]



004	Vct_reg Check:Xint	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1mA/step]
005	Vct_dif Check:Slope	*ENG	[0.0 to 200.0 / <b>0.0</b> / 0.1mV/mA/step]
006	Vct_dif Check:Xint	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1mA/step]

<b>3400</b>	<b>[Toner Supply Type]</b>		
	Selects toner supply method.		
001	K	*ENG	[0 to 4 / <b>4</b> / 1/step] 0: Fixed 2: PID 4: DANC
002	C	*ENG	
003	M	*ENG	
004	Y	*ENG	

<b>3411</b>	<b>[Toner Supply Qty]</b>		
	Displays latest value of supply amount calculated from toner supply amount computation formula.		
001	K	ENG	[0.0 to 40000.0 / <b>0.0</b> / 0.1mg/step]
002	C	ENG	
003	M	ENG	
004	Y	ENG	

<b>3420</b>	<b>[DeveloperWeight]</b>		
	Sets amount of developer weight.		
001	Total_Weight:K	*ENG	[50 to 2000 / <b>240</b> / 1g/step]
002	Total_Weight:CMY	*ENG	

<b>3421</b>	<b>[TnrSplyAbility]</b>		
	Sets toner supply ability from sub hopper to develop unit.		

001	K	*ENG	[0.001 to 2.000 / <b>0.710</b> / 0.001mg/msec]
002	C	*ENG	
003	M	*ENG	
004	Y	*ENG	
<b>3421</b>	<b>[TnrSplyAbility]</b>		
	Corrects supply ability based on supplying time per time unit.		
011	TnrSplyAbilityCoef1	*ENG	[0.50 to 2.00 / <b>1.12</b> / 0.01/step]
012	TnrSplyAbilityCoef2	*ENG	
013	TnrSplyAbilityCoef3	*ENG	[0.50 to 2.00 / <b>1.10</b> / 0.01/step]
014	TnrSplyAbilityCoef4	*ENG	[0.50 to 2.00 / <b>1.06</b> / 0.01/step]
015	TnrSplyAbilityCoef5	*ENG	[0.50 to 2.00 / <b>1.00</b> / 0.01/step]
016	TnrSplyAbilityCoef6	*ENG	[0.50 to 2.00 / <b>0.99</b> / 0.01/step]
017	TnrSplyAbilityCoef7	*ENG	[0.50 to 2.00 / <b>0.98</b> / 0.01/step]
018	TnrSplyAbilityCoef8	*ENG	[0.50 to 2.00 / <b>0.95</b> / 0.01/step]
019	TnrSplyAbilityCoef9	*ENG	
020	TnrSplyAbilityCoef10	*ENG	
021	unit time		[0 to 60000 / 3000 / 1msec/step]
<b>3421</b>	<b>[TnrSplyAbility]</b>		
	Sets absolute humidity threshold 1 of supply ability correction.		
031	AbsHum Threshold:1	*ENG	[0.0 to 65.0 / <b>6.0</b> / 0.1g/m3/step]
032	AbsHum Threshold:2	*ENG	[0.0 to 65.0 / <b>12.0</b> / 0.1g/m3/step]
033	AbsHum Threshold:3	*ENG	[0.0 to 65.0 / <b>24.0</b> / 0.1g/m3/step]
<b>3421</b>	<b>[TnrSplyAbility]</b>		
	Corrects supply ability based on absolute humidity.		

041	Environ Coef1	*ENG	[0.50 to 2.00 / <b>1.00</b> / 0.01/step]
042	Environ Coef2	*ENG	
043	Environ Coef3	*ENG	
044	Environ Coef4	*ENG	

<b>3422</b>	<b>[Tnr Supply Limits :Set]</b>		
	Sets max. toner supplying rate.		
001	Max Supply Rate:K	*ENG	[0 to 255 / <b>100</b> / 1%/step]
002	Max Supply Rate:C	*ENG	
003	Max Supply Rate:M	*ENG	
004	Max Supply Rate:Y	*ENG	
<b>3422</b>	<b>[Tnr Supply Limits :Set]</b>		
	Sets min. supplying time.		
011	Min Supply Time: K	*ENG	[0 to 255 / <b>100</b> / 1msec/step]
012	Min Supply Time: C	*ENG	
013	Min Supply Time: M	*ENG	
014	Min Supply Time: Y	*ENG	

<b>3423</b>	<b>[TnrSplyCarryOver :Disp]</b>		
	Sets toner supplying rate for fixed amount supplying mode.		
001	Carry Over:K	*ENG	[0 to 10000 / <b>0</b> / 1msec/step]
002	Carry Over:C	*ENG	
003	Carry Over:M	*ENG	
004	Carry Over:Y	*ENG	

<b>3428</b>	<b>[TnrSplyDelay : Setting]</b>		
	Sets toner supply delay time.		

001	Delay	*ENG	[0 to 255 / 0 / 1msec/step]
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3429	<b>[TnrSplyPosTime :Disp]</b>		
	Sets toner supplying rate for fixed amount supplying mode.		
001	Latest: K	*ENG	[0 to 20000 / 0 / 1msec/step]
002	Latest: C	*ENG	
003	Latest: M	*ENG	
004	Latest: Y	*ENG	

3432	<b>[DrvTime: Setting]</b>		
	Sets max. continuous supplying time.		
001	DriveTime(max)	*ENG	[0 to 1500 / 800 / 1msec/step]

3440	<b>[Fixed Supply Mode]</b>		
	Sets toner supplying rate for fixed amount supplying mode.		
001	Fixed Rate: K	*ENG	[0 to 100 / 10 / 1%/step]
002	Fixed Rate: C	*ENG	
003	Fixed Rate: M	*ENG	
004	Fixed Rate: Y	*ENG	

3450	<b>[Toner Supply PID: Setting]</b>		
	Sets supplying coefficient to supply proportion to Vt-Vtref with toner supply control. Uses PID control for toner supply.		
001	Vt Proportion: K	*ENG	[0 to 2550 / 50 / 1/step]
002	Vt Proportion: C	*ENG	
003	Vt Proportion: M	*ENG	
004	Vt Proportion: Y	*ENG	

3450	<b>[Toner Supply PID: Setting]</b>		
	Sets supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
011	Pixel Proportion: K	*ENG	[0.00 to 2.55 / <b>0.47</b> / 0.01/step]
012	Pixel Proportion: C	*ENG	
013	Pixel Proportion: M	*ENG	
014	Pixel Proportion: Y	*ENG	
3450	<b>[Toner Supply PID: Setting]</b>		
	Displays current value of pixel proportionality coefficient 2 for supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
021	Pixel Proportion 2: K	*ENG	[0.00 to 2.55 / <b>1.00</b> / 0.01/step]
022	Pixel Proportion 2: C	*ENG	
023	Pixel Proportion 2: M	*ENG	
024	Pixel Proportion 2: Y	*ENG	
3450	<b>[Toner Supply PID: Setting]</b>		
	Sets supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
031	Correction Coefficient: 1	*ENG	[0.00 to 2.55 / <b>1.00</b> / 0.01/step]
032	Correction Coefficient: 2	*ENG	[0.00 to 2.55 / <b>0.50</b> / 0.01/step]
033	Correction Coefficient: 3	*ENG	[0.00 to 2.55 / <b>0.00</b> / 0.01/step]
034	Correction Coefficient: 4	*ENG	[0.00 to 2.55 / <b>0.25</b> / 0.01/step]
035	Correction Coefficient: 5	*ENG	[0.00 to 2.55 / <b>0.50</b> / 0.01/step]
3450	<b>[Toner Supply PID: Setting]</b>		
	Displays current value of pixel proportionality coefficient 3 for supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		

041	Pixel Proportion 3: K	*ENG	[0.70 to 1.30 / <b>1.00</b> / 0.01/step]
042	Pixel Proportion 3: C	*ENG	
043	Pixel Proportion 3: M	*ENG	
044	Pixel Proportion 3: Y	*ENG	
3450	<b>[Toner Supply PID: Setting]</b>		
	Sets supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
051	Correction Value 1	*ENG	[-0.10 to 0.00 / <b>-0.01</b> / 0.01/step]
052	Correction Value 2	*ENG	[0.00 to 0.10 / <b>0.01</b> / 0.01/step]
3450	<b>[Toner Supply PID: Setting]</b>		
	Sets transformation coefficient transforming pixel (cm <sup>2</sup> ) to supply amount (g) for supplying proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
061	P_Pxl_Coef_Err	*ENG	[0.00 to 1.00 / <b>0.35</b> / 0.01/step]
3450	<b>[Toner Supply PID: Setting]</b>		
	Sets supplying coefficient to supply proportion to output image's pixel (Pxl) with toner supply control. Uses PID control for toner supply.		
071	Vt Integral Control: K	*ENG	[0 to 2550 / <b>500</b> / 1/step]
072	Vt Integral Control: C	*ENG	
073	Vt Integral Control: M	*ENG	
074	Vt Integral Control: Y	*ENG	
3450	<b>[Toner Supply PID: Setting]</b>		
	Sets supplying coefficient to supply in proportion to Diff. accumulate amount of Vt-Vtref with toner supply control. Uses PID control for toner supply.		
081	Vt Integral Value: K	*ENG	[-255.00 to 255.00 / <b>0.00</b> / 0.01/step]
082	Vt Integral Value: C	*ENG	
083	Vt Integral Value: M	*ENG	
084	Vt Integral Value: Y	*ENG	

3450	<b>[Toner Supply PID: Setting]</b>		
	Sets supplying coefficient to supply in proportion to Diff. accumulate amount of Vt-Vtref with toner supply control. Uses PID control for toner supply.		
091	Vt Sum Times: K	*ENG	[1 to 255 / <b>20</b> / 1times/step]
092	Vt Sum Times: C	*ENG	
093	Vt Sum Times: M	*ENG	
094	Vt Sum Times: Y	*ENG	

3460	<b>[TonerSupply :DANC]</b>		
011	Time_Min	*ENG	[0 to 250 / <b>0</b> / 1msec/step]
	Sets DANC min. supplying time.		
012	Time_Max	*ENG	[0 to 1000 / <b>200</b> / 1msec/step]
	Sets DANC max. supplying time.		
3460	<b>[TonerSupply :DANC]</b>		
Sets supplying amount for when creating SMITH model.			
022	SMITH_Weight:K	*ENG	[1 to 500 / <b>71</b> / 1mg/step]
023	SMITH_Weight:CMY	*ENG	
3460	<b>[TonerSupply :DANC]</b>		
Sets transferring rate for to compensate reverse transfer amount of ANC term (pixel term).			
111	Rev_Fix:K	*ENG	[1.00 to 1.50 / <b>1.00</b> / 0.01/step]
112	Rev_Fix:C	*ENG	
113	Rev_Fix:M	*ENG	
114	Rev_Fix:Y	*ENG	
3460	<b>[TonerSupply :DANC]</b>		
Sets delay time of from toner supplying door to sensor for SMITH model, by control sample count.			
121	TnrSplyDelay:StdSpd:K	*ENG	[0 to 200 / <b>27</b> / 1/step]

122	TnrSplyDelay:MidSpd:K	*ENG	[0 to 200 / <b>27</b> / 1/step]
123	TnrSplyDelay:LowSpd:K	*ENG	[0 to 200 / <b>53</b> / 1/step]
131	TnrSplyDelay:StdSpd:CMY	*ENG	[0 to 200 / <b>27</b> / 1/step]
132	TnrSplyDelay:MidSpd:CMY	*ENG	[0 to 200 / <b>27</b> / 1/step]
133	TnrSplyDelay:LowSpd:CMY	*ENG	[0 to 200 / <b>53</b> / 1/step]

<b>3461</b>	<b>[TonerSupply :DANC]</b>		
001	Pl:Power	*ENG	[5 to 200 / <b>100</b> / 1%/step]
	Changes all demand value of PI term.		
011	Pl:P Gain:K	*ENG	[0.0000 to 1.0000 / <b>0.0100</b> / 0.0001/step]
	Sets P gain (K).		
012	Pl:P Limits:Up:K	*ENG	[0.00 to 1.00 / <b>0.10</b> / 0.01/step]
	Sets limit against P term demanding value. (Supply plus side, K)		
013	Pl:P Limits:Low:K	*ENG	[0.00 to 1.00 / <b>0.10</b> / 0.01/step]
	Sets limit against P term demanding value. (Supply minus side, K)		
021	Pl:I Gain:K	*ENG	[0.0000 to 1.0000 / <b>0.0005</b> / 0.0001/step]
	Sets I gain (K).		
022	Pl:I Limits:Up:K	*ENG	[0.00 to 1.00 / <b>0.20</b> / 0.01/step]
	Sets limit against I term demanding value. (Supply plus side, K)		
023	Pl:I Limits:Low:K	*ENG	[0.00 to 1.00 / <b>0.20</b> / 0.01/step]
	Sets limit against I term demanding value. (Supply minus side, K)		
031	Pl:P Gain:CMY	*ENG	[0.0000 to 1.0000 / <b>0.0010</b> / 0.0001/step]
	Sets P gain (CMY).		



032	Pl:P Limits:Up:CMY	*ENG	[0.00 to 1.00 / <b>0.10</b> / 0.01/step]
	Sets limit against P term demanding value. (Supply plus side, CMY)		
033	Pl:P Limits:Low:CMY	*ENG	[0.00 to 1.00 / <b>0.10</b> / 0.01/step]
	Sets limit against P term demanding value. (Supply minus side, CMY)		
041	Pl:I Gain:CMY	*ENG	[0.0000 to 1.0000 / <b>0.0005</b> / 0.0001/step]
	Sets I gain (CMY).		
042	Pl:I Limits:Up:CMY	*ENG	[0.00 to 1.00 / <b>0.20</b> / 0.01/step]
	Sets limit against I term demanding value. (Supply plus side, CMY)		
043	Pl:I Limits:Low:CMY	*ENG	[0.00 to 1.00 / <b>0.20</b> / 0.01/step]
	Sets limit against I term demanding value. (Supply minus side, CMY)		
051	AW:AWllow:K	*ENG	[0 to 10000 / <b>1000</b> / 1/step]
	Sets AW gain (K). (Normally reciprocal of P gain)		
052	AW:AWlpni:K	*ENG	[0 to 2000 / <b>100</b> / 1/step]
	Sets rate to rapidly decrease accumulate value of difference between toner density and target value. (K: Supply plus side)		
061	AW:AWllow:CMY	*ENG	[0 to 10000 / <b>1000</b> / 1/step]
	Sets AW gain (CMY). (Normally reciprocal of P gain)		
062	AW:AWlpni:CMY	*ENG	[0 to 2000 / <b>100</b> / 1/step]
	Sets rate to rapidly decrease accumulate value of difference between toner density and target value. (CMY: Supply plus side)		
<b>3461</b>	<b>[TonerSupply :DANC]</b>		
	Corrects line speed for demand value of PI term.		
102	Pl:LineSpdCoef:MidSpd:K	*ENG	[0.05 to 1.00 / <b>0.50</b> / 0.01/step]
103	Pl:LineSpdCoef:LowSpd:K	*ENG	
112	Pl:LineSpdCoef:StdSpd:CMY	*ENG	
113	Pl:LineSpdCoef:LowSpd:CMY	*ENG	

3461		[TonerSupply :DANC]	
121	SMITH:Gain:K	*ENG	[0.00 to 2.00 / <b>1.00</b> / 0.01/step]
	Changes gain (amplitude of model) for SMITH model. (K)		
122	SMITH:MidSpd:K	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Corrects line speed for gain of SMITH model. (Middle speed, K)		
123	SMITH:LowSpd:K	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Corrects line speed for gain of SMITH model. (Low speed, K)		
131	SMITH:Gain:CMY	*ENG	[0.00 to 2.00 / <b>1.00</b> / 0.01/step]
	Changes gain (amplitude of model) for SMITH model. (CMY)		
132	SMITH:MidSpd:CMY	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Corrects line speed for gain of SMITH model. (Middle speed, CMY)		
133	SMITH:LowSpd:CMY	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Corrects line speed for gain of SMITH model. (Low speed, CMY)		

3462		[TonerSupply :DANC]	
001	ANC:Power	*ENG	[0 to 200 / <b>100</b> / 1%/step] 100: Standard control 0: No ANC
	Changes all ANC filters demand value of ANC term.		
101	ANC:Gain:K	*ENG	[0.00 to 2.00 / <b>1.00</b> / 0.01/step]
	Sets gain for all ANC filters. (K)		
102	ANC:MidSpd:K	*ENG	[0.05 to 1.00 / <b>1.00</b> / 0.01/step]
	Corrects line speed for gain of all ANC filters. (Middle speed, K)		
103	ANC:LowSpd:K	*ENG	[0.05 to 1.00 / <b>1.00</b> / 0.01/step]
	Corrects line speed for gain of all ANC filters. (Low speed, K)		

111	ANC:Gain:CMY	*ENG	[0.00 to 2.00 / <b>1.00</b> / 0.01/step]
	Sets gain for all ANC filters. (CMY)		
112	ANC:MidSpd:CMY	*ENG	[0.05 to 1.00 / <b>1.00</b> / 0.01/step]
	Corrects line speed for gain of all ANC filters. (Middle speed, CMY)		
113	ANC:LowSpd:CMY	*ENG	[0.05 to 1.00 / <b>1.00</b> / 0.01/step]
	Corrects line speed for gain of all ANC filters. (Low speed, CMY)		

3463	<b>[TonerSupply :DANC]</b>		
	Saves l term corresponding to power OFF/ON.		
101	Int:l:K	*ENG	[-1000.0000 to 1000.0000 / <b>0.0000</b> / 0.0001/step]
102	Int:l:C	*ENG	
103	Int:l:M	*ENG	
104	Int:l:Y	*ENG	
3463	<b>[TonerSupply :DANC]</b>		
	Saves ANC term (pixel term) corresponding to power OFF/ON.		
111	ANC:ref Sum:K	*ENG	[-1000.0000 to 1000.0000 / <b>0.0000</b> / 0.0001/step]
112	ANC:ref Sum:C	*ENG	
113	ANC:ref Sum:M	*ENG	
114	ANC:ref Sum:Y	*ENG	
3463	<b>[TonerSupply :DANC]</b>		
	Displays image area for the latest page.		
201	ImgArea:K	*ENG	[0 to 9999 / <b>0</b> / 1cm2/step]
202	ImgArea:C	*ENG	
203	ImgArea:M	*ENG	
204	ImgArea:Y	*ENG	
3500	<b>[ImgQtyAdj :ON/OFF]</b>		

001	ALL	*ENG	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
	Sets execution judge to OFF of all imaging system adjustments.		
002	ProCon	*ENG	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
	Sets execution judge to OFF of electric potential control.		
003	MUSIC Condition:Auto Exe	*ENG	[0 or 1 / 1 / 1/step]
	Forcedly sets MUSIC auto execution to OFF.		
004	Init TD Sensor	*ENG	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
	Sets execution judge to OFF for initial setting of TD sensor.		

3510	<b>[ImgQtyAdj :ExeFlag]</b>		
	Sets execution flag for toner recovery (Executes toner recovery with setting to "1" and power OFF/ON, or close front cover.)		
	001	Toner Recovery: K	*ENG
	002	Toner Recovery: C	*ENG
	003	Toner Recovery: M	*ENG
004	Toner Recovery: Y	*ENG	[0 to 3 / 0 / 1/step]
3510	<b>[ImgQtyAdj :ExeFlag]</b>		
	Sets execution flag for initial setting of TD sensor. (TD sensor's initial setting will be executed by setting to "1" and power OFF/ON)		

011	Init TD Sensor :K	*ENG	[0 or 1 / 0 / 1/step]
012	Init TD Sensor :C	*ENG	
013	Init TD Sensor :M	*ENG	
014	Init TD Sensor :Y	*ENG	
<b>3510</b>	<b>[ImgQltyAdj :ExeFlag]</b>		
021	Process Control	*ENG	[0 to 2 / 0 / 1/step]
	Sets execution flag for Pro-Con (Executes Pro-Con with setting to "1" and power OFF/ON, or close front cover.)		
022	Developer Agitating	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for developer stir (Executes developer stir with setting to "1" and power OFF/ON, or close front cover.)		
023	Blade Damage Prevention	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for blade burr prevent mode (Executes blade burr prevent mode with setting to "1" and power OFF/ON or closing front cover.)		
024	MUSIC	*ENG	[0 to 3 / 0 / 1/step] 0: OFF 1: Mode:b 2: Mode:a 3: Mode:e
	Sets execution flag for MUSIC (MUSIC (1time) with setting "1" and power OFF/ON or closing font cover, MUSIC (2times) with setting "2", real time MUSIC with setting "3")		
025	Vsg Adj.	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for Vsg adjust (Executes Vsg adjust with setting to "1" and power OFF/ON, or close front cover.)		
026	Charge AC Adj.	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for Electrify roller cleaning (K) (Executes Electrify roller cleaning (K) with setting to "1" and power OFF/ON, or close from cover.)		
<b>3510</b>	<b>[ImgQltyAdj :ExeFlag]</b>		

031	Init Toner Replenish: K	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for toner initial filler (K) (Executes toner recovery (K) with setting to "1" and power OFF/ON, or close front cover.)		
032	Init Toner Replenish: C	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for toner initial filler (C) (Executes toner recovery (C) with setting to "1" and power OFF/ON, or close front cover.)		
033	Init Toner Replenish: M	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for toner initial filler (M) (Executes toner recovery (M) with setting to "1" and power OFF/ON, or close front cover.)		
034	Init Toner Replenish: Y	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for toner initial filler (Y) (Executes toner recovery (Y) with setting to "1" and power OFF/ON, or close front cover.)		
042	IBACC	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for toner initial filler (Y) (Executes toner recovery (Y) with setting to "1" and power OFF/ON, or close front cover.)		
043	Vsg in TrnsBlt:corr	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for toner initial filler (Y) (Executes toner recovery (Y) with setting to "1" and power OFF/ON, or close front cover.)		
044	Dev. AC Adj.	*ENG	[0 or 1 / 0 / 1/step]
	Sets execution flag for develop AC adjust (Executes with setting to "1" and power OFF/ON, or close from cover.)		
045	BIT1	*ENG	[0 or 1 / 0 / 1/step]
	Execution flag for image adjust of BIT 1 control.		

<b>3520</b>	<b>[ImgQtyAdj :Interval]</b>		
001	During Job	*ENG	[0 to 100 / 30 / 1page/step]
	Sets image adjust judgment page interval for during print.		
002	During Stand-by	*ENG	[0 to 100 / 5 / 1minute/step]
	Sets image adjust judgment time interval for during standby.		

<b>3521</b>	<b>[Drum Stop Time :Disp]</b>		
	Displays finish imaging time.		
001	Year	*ENG	[0 to 99 / <b>0</b> / 1year/step]
002	Month	*ENG	[1 to 12 / <b>1</b> / 1month/step]
003	Day	*ENG	[1 to 31 / <b>1</b> / 1day/step/step]
004	Hour	*ENG	[0 to 23 / <b>0</b> / 1hour/step]
005	Minute	*ENG	[0 to 59/ <b>0</b> / 1 minutes/step]

<b>3522</b>	<b>[Drum Stop Environ :Disp]</b>		
	Displays (temperature) of when imaging finished.		
001	Temperature	*ENG	[-1280.0 to 1270.0 / <b>0.0</b> / 0.1 deg]
002	Rel Humidity	*ENG	[0.0 to 1000.0 / <b>0.0</b> / 0.1%RH/step]
	Displays (relative humidity) of when imaging finished.		
003	Abs Humidity	*ENG	[0.0 to 1000.0 / <b>0.0</b> / 0.1g/m3/step]
	Displays (absolute humidity) of when imaging finished.		

<b>3529</b>	<b>[ProCon Interval Control :Set]</b>		
	Sets ON/OFF develop gamma correction for Pro-Con auto execute interval.		
001	Gamma Corr	*ENG	[0 or 1 / <b>1</b> / 1/step] 0: OFF 1: ON
002	Environ Corr	*ENG	[0 or 1 / <b>1</b> / 1/step] 0: OFF 1: ON
	Sets ON/OFF environment correction for Pro-Con auto execute interval.		
003	AbsHum Threshold	*ENG	[0.0 to 99.0 / <b>4.3</b> / 0.1g/m3/step]
	Sets absolute humidity threshold of environment correction for Pro-Con auto execute interval.		

004	Max Cnt Threshold	*ENG	[0 to 99 / <b>2</b> / 1 counts/step]
	Sets max. count threshold of Interrupt Pro-Con/Job end Pro-Con.		
005	Exe Cnt	ENG	[0 to 255 / <b>0</b> / 1 counts/step]
	Sets max. count counter of Interrupt Pro-Con/Job end Pro-Con.		
006	Page Cnt:BW	*ENG	[0 to 5000 / <b>0</b> / 1 sheet/step]
	Displays Pro-Con (BW) sheets count.		
007	Page Cnt:FC	*ENG	[0 to 5000 / <b>0</b> / 1 sheet/step]
	Displays Pro-Con (FC) sheets count.		

<b>3530</b>	<b>[PowerON ProCon :Se]</b>		
001	Non-use Time Setting	*ENG	[0 to 1440 / <b>360</b> / 1 minute/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
002	Temperature Range	*ENG	[0 to 99 / <b>10</b> / 1 deg/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
003	Relative Humidity Range	*ENG	[0 to 99 / <b>50</b> / 1%RH/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
004	Absolute Humidity Range	*ENG	[0 to 99 / <b>6</b> / 1g/m3/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
005	Interval:BW	*ENG	[0 to 5000 / <b>250</b> / 1 sheet/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
006	Interval:FC	*ENG	[0 to 5000 / <b>100</b> / 1 sheet/step]
	Sets Pro-Con execute judgment threshold of when Power ON.		
007	Page Cnt:BW	*ENG	[0 to 5000 / <b>0</b> / 1 sheet/step]
	Sets sheets count for Power ON Pro-Con (BW).		
008	Page Cnt:FC	*ENG	[0 to 5000 / <b>0</b> / 1 sheet/step]
	Sets sheets count for Power ON Pro-Con (FC).		



<b>3531</b>	<b>[Non-useTime Procon :Set]</b>		
	Sets Pro-Con execute judgment threshold for during standby.		
001	Non-use Time Setting	*ENG	[0 to 1440 / <b>360</b> / 1 minute/step]
002	Temperature Range	*ENG	[0 to 99 / <b>10</b> / 1 deg/step]
003	Relative Humidity Range	*ENG	[0 to 99 / <b>50</b> / 1%RH/step]
004	Absolute Humidity Range	*ENG	[0 to 99 / <b>6</b> / 1g/m3/step]
<b>3531</b>	<b>[Non-useTime Procon :Set]</b>		
	Sets upper limit of continuously executing count for Pro-Con during standby.		
005	Maximum Execution Number	*ENG	[0 to 99 / <b>10</b> / 1times/step]
<b>3533</b>	<b>[Interrupt ProCon :Set]</b>		
001	Interval:Set:BW	*ENG	[0 to 5000 / <b>500</b> / 1 sheet/step]
	Sets number of sheets interval for Interrupt Pro-Con (BW).		
002	Interval:Disp:BW	*ENG	[0 to 5000 / <b>500</b> / 1 sheet/step]
	Displays number of sheets interval for Interrupt Pro-Con (BW).		
003	Corr(Short):BW	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets correcting coefficient (Short) of number of sheets interval for Interrupt Pro-Con (BW).		
004	Corr(Mid):BW	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets correcting coefficient (Mid) of number of sheets interval for Interrupt Pro-Con (BW).		
011	Interval:Set:FC	*ENG	[0 to 5000 / <b>200</b> / 1 sheet/step]
	Sets number of sheets interval for Interrupt Pro-Con (FC).		
012	Interval:Disp:FC	*ENG	[0 to 5000 / <b>200</b> / 1 sheet/step]
	Displays number of sheets interval for Interrupt Pro-Con (FC).		
013	Corr(Short):FC	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets correcting coefficient (Short) of number of sheets interval for Interrupt Pro-Con (FC).		

014	Corr(Mid):FC	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets correcting coefficient (Mid) of number of sheets interval for Interrupt Pro-Con (FC).		

<b>3534</b>	<b>[JobEnd ProCon :Set]</b>		
001	Interval:Set:BW	*ENG	[0 to 5000 / <b>500</b> / 1 sheet/step]
	Sets number of sheets interval for Job end Pro-Con (BW).		
002	Interval:Disp:BW	*ENG	[0 to 5000 / <b>500</b> / 1 sheet/step]
	Displays number of sheets interval for Job end Pro-Con (BW).		
003	Corr(Short):BW	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets correcting coefficient (Short) of number of sheets interval for Job end Pro-Con (BW).		
004	Corr(Mid):BW	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets correcting coefficient (Mid) of number of sheets interval for Job end Pro-Con (BW).		
011	Interval:Set:FC	*ENG	[0 to 1000 / <b>200</b> / 1 sheet/step]
	Sets number of sheets interval for Job end Pro-Con (FC).		
012	Interval:Disp:FC	*ENG	[0 to 5000 / <b>200</b> / 1 sheet/step]
	Displays number of sheets interval for Job end Pro-Con (FC).		
013	Corr(Short):FC	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets correcting coefficient (Short) of number of sheets interval for Job end Pro-Con (FC).		
014	Corr(Mid):FC	*ENG	[0.00 to 1.00 / <b>1.00</b> / 0.01/step]
	Sets correcting coefficient (Mid) of number of sheets interval for Job end Pro-Con (FC).		

<b>3539</b>	<b>[Dev Agitating Time :Set]</b>		
001	Time	*ENG	[0 to 3000 / <b>10</b> / 1sec/step]
	Sets Developer Agitating Time.		
010	ON/OFF(by RelHum)	*ENG	[0 or 1 / <b>1</b> / 1/step]
	Sets ON/OFF for Absolute Humidity Correction for Developer Agitating Time.		

<b>3539</b>	<b>[Dev Agitating Time :Set]</b>		
	Sets stirring time based on relative humidity of developer stirring time.		
011	by RelHum:1	*ENG	[0 to 3000 / 0 / 1sec/step]
012	by RelHum:2	*ENG	[0 to 3000 / 5 / 1sec/step]
013	by RelHum:3	*ENG	
014	by RelHum:4	*ENG	
015	by RelHum:5	*ENG	
016	by RelHum:6	*ENG	
021	RelHum Threshold:1	*ENG	[0 to 1000 / 4 / 1%RH/step]
022	RelHum Threshold:2	*ENG	[0 to 1000 / 8 / 1%RH/step]
023	RelHum Threshold:3	*ENG	[0 to 1000 / 12 / 1%RH/step]
024	RelHum Threshold:4	*ENG	[0 to 1000 / 16 / 1%RH/step]
025	RelHum Threshold:5	*ENG	[0 to 1000 / 24 / 1%RH/step]
<b>3539</b>	<b>[Dev Agitating Time :Set]</b>		
030	ON/OFF(by Non-use Time)	*ENG	[0 or 1 / 1 / 1/step]
	Sets ON/OFF exposure time correction of developer stirring time.		
050	ON/OFF(by Non-use Time)	*ENG	[0 or 1 / 1 / 1/step]
	Sets ON/OFF image area correction of developer stirring time.		
<b>3539</b>	<b>[Dev Agitating Time :Set]</b>		
	Sets stirring time based on image area of developer stirring time.		
051	by DotCoverage :1	*ENG	[0 to 3000 / 0 / 1sec/step]
052	by DotCoverage :2	*ENG	
053	by DotCoverage :3	*ENG	[0 to 3000 / 5 / 1sec/step]
054	by DotCoverage :4	*ENG	
055	by DotCoverage :5	*ENG	
056	by DotCoverage :6	*ENG	

3539	<b>[Dev Agitating Time :Set]</b>		
	Sets image area threshold of developer stirring time.		
061	DotCoverage Threshold:1	*ENG	[0 to 5000 / <b>10</b> / 1 min/step]
062	DotCoverage Threshold:2	*ENG	[0 to 5000 / <b>20</b> / 1 min/step]
063	DotCoverage Threshold:3	*ENG	[0 to 5000 / <b>30</b> / 1 min/step]
064	DotCoverage Threshold:4	*ENG	[0 to 5000 / <b>40</b> / 1 min/step]
065	DotCoverage Threshold:5	*ENG	[0 to 5000 / <b>50</b> / 1 min/step]
3539	<b>[Dev Agitating Time :Set]</b>		
	099	UpperLimit	*ENG [0 to 3600 / <b>3600</b> / 1 sec/step]
	Sets upper limit of developer stirring time.		

3540	<b>[PowerON Music :Set]</b>		
	Sets sheets count for Power ON MUSIC.		
001	Page Cnt:BW	*ENG	[0 to 5000 / <b>0</b> / 1 sheet/step]
002	Page Cnt:FC	*ENG	

3541	<b>[Music Interval :Set]</b>		
	Sets sheets count for Power ON MUSIC.		
001	Page Cnt:BW	*ENG	[0 to 5000 / <b>0</b> / 1 sheet/step]
002	Page Cnt:FC	*ENG	
3541	<b>[Realtime Music Interval :Set]</b>		
	Saves / Updates this SP with print count in B&W + color mode since the last MUSIC for to use with real time MUSIC.		
003	Page Cnt:BW+FC	*ENG	[0 to 5000 / <b>0</b> / 1 sheet/step]

3550	<b>[Refresh Mode]</b>		
	Display image area needs to be refreshed. Consumes toner with density adjust or when print finished if this value is larger than set.		

001	Required Area: K	*ENG	[0 to 65535 / 0 / 1cm <sup>2</sup> ]
002	Required Area: C	*ENG	
003	Required Area: M	*ENG	
004	Required Area: Y	*ENG	
<b>3550</b>	<b>[Refresh Mode]</b>		
	Uses for to calculate discharge amount when discharging toner at end of print.		
011	Dev. Unit Rotation: Display: Bk	*ENG	[0.0 to 1000.0 / 0.0 / 0.1m/step]
012	Dev. Unit Rotation: Display: C	*ENG	
013	Dev. Unit Rotation: Display: M	*ENG	
014	Dev. Unit Rotation: Display: Y	*ENG	
<b>3550</b>	<b>[Refresh Mode]</b>		
021	Rotation Threshold	*ENG	[0.0 to 1000.0 / 0.1 / 0.1m/step]
	Uses for execute judging of discharging toner at end of print.		
<b>3550</b>	<b>[Refresh Mode]</b>		
	Uses for to calculate discharge amount when discharging toner at end of print. With increasing the value, more will be discharged.		
031	Reflesh Threshold: Bk	*ENG	[0 to 255 / D176: 75, D177: 84 / 1 cm <sup>2</sup> /step]
032	Reflesh Threshold: C	*ENG	[0 to 255 / D176: 52, D177: 56 / 1 cm <sup>2</sup> /step]
033	Reflesh Threshold: M	*ENG	
034	Reflesh Threshold: Y	*ENG	
<b>3550</b>	<b>[Refresh Mode]</b>		
035	Mode Selection Coefficient	ENG	[0 or 1 / 1 / 1/step]
	Uses for to calculate discharge amount when discharging toner at end of print.		
<b>3550</b>	<b>[Refresh Mode]</b>		
	Uses for to calculate discharge amount when discharging toner at end of print. With increasing the value, more will be discharged.		

041	Job End Area Coefficient:K	*ENG	[0.1 to 25.5 / <b>D176: 4.4,D177: 4.9</b> / 0.1/step]
042	Job End Vb Coefficient:K	*ENG	[0 to 100 / <b>40</b> / 1%/step]
043	Job End Length:K	*ENG	[0 to 255 / <b>10</b> / 1mm/step]
044	Job End Supply	*ENG	[0.000 to 1.000 / <b>0.090</b> / 0.001mg/cm <sup>2</sup> ]
045	Job End Area Coefficient:YMC	*ENG	[0.1 to 25.5 / <b>D176: 3.1, D177: 3.3</b> / 0.1/step]
046	Job End Vb Coefficient:YMC	*ENG	[0 to 100 / <b>40</b> / 1%/step]
047	Job End Length:YMC	*ENG	[0 to 255 / <b>10</b> / 1mm/step]
<b>3550</b>	<b>[Refresh Mode]</b>		
081	TC Adj. Consume(Upp Limit)	*ENG	[0 to 255 / <b>0</b> / 1times/step]
	Sets consume counts (upper limit) for toner density adjusting Pro-Con.		
<b>3552</b>	<b>[Blade damage prevention mode]</b>		
001	Execution Temp. Threshold	*ENG	[0 to 50 / <b>40</b> / 1deg/step]
	Sets temperature threshold for creating blade Tear off prevent pattern.		
<b>3553</b>	<b>[Transfer belt cleaning]</b>		
001	TransferIdleTime Temperature:H	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 revolutions/step]
	Prevents poor cleaning by racing the image transfer when going over temperature threshold t2 and poor cleaning occurred right after Pro-Con/MUSIC etc... adjust pattern was entered.		
002	TransferIdleTime Temperature:M	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 revolutions/step]
	Prevents poor cleaning by racing the image transfer when between temperature threshold t1 to t2 and poor cleaning occurred right after Pro-Con/MUSIC etc... adjust pattern was entered.		

003	TransferIdleTime Temperature:L	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 revolutions/step]
	Prevents poor cleaning by racing the image transfer when smaller than temperature threshold t1 and poor cleaning occurred right after Pro-Con/MUSIC etc... adjust pattern was entered.		
004	TransferIdleTime Temperature:L:ON	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 revolutions/step]
	Prevents poor cleaning by racing the image transfer when smaller than temperature threshold t1 and poor cleaning occurred right after Pro-Con/MUSIC etc... adjust pattern was entered when starting up machine fist in the morning.		
005	Temperature Threshold:T2	*ENG	[20 to 30 / <b>25</b> / 1 deg/step]
	Adjusts temperature threshold of poor cleaning to occur after Pro-Con/MUSIC etc... adjusting pattern was entered.		
006	Temperature Threshold:T1	*ENG	[0 to 15 / <b>15</b> / 1 deg/step]
	Adjusts temperature threshold of poor cleaning to occur after Pro-Con/MUSIC etc... adjusting pattern was entered.		
007	Temperature Threshold:T3	*ENG	[0 to 30 / <b>5</b> / 1 deg/step]
	Adjusts threshold for wide stripes to occur in the image of the next job caused by image transfer belt cleaning after job stops.		

<b>3554</b>	<b>[TransBlitCleanBladeReplMode:Exe]</b>		
001	Execute	ENG	[0 or 1 / <b>0</b> / 1/step]
	Executes replace mode of paper transfer cleaning blade. * Specification unapplied SP, No use.		
<b>3554</b>	<b>[Transfer Idle Time:Set]</b>		
002	Idle Time	ENG	[0.1 to 60.0 / <b>10.0</b> / 0.1 sec/step]
	Sets paper transfer racing time for when replace mode of paper transfer cleaning blade. * Specification unapplied SP, No use.		

<b>3555</b>	<b>[ImageQuality Adj. Counter:Disp]</b>		
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001	Charge AC Control	*ENG	[0 to 2000 / 0 / 1page/step]
	For to use with adjusting control of electrify AC bias.		

<b>3600</b>	<b>[Select ProCon]</b>		
001	Potential Control	*ENG	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
	Sets electric potential control method.		
002	LD Control	*ENG	[0 to 3 / 1 / 1/step] 0: OFF 1: ON
	Sets LD control method.		
003	TC Adj. Mode	*ENG	[0 to 3 / 3 / 1/step] 0: Do Not Execute 1: 1st Power On 2: 1st Power On & Job End 3: 1st P_On & JE &printing
	Sets Execution timing of toner density adjusting Pro-Con.		
004	ACC Before ProCon	*ENG	[0 to 3 / 2 / 1/step] 0: NotExecute 1: ProcessControl 2: TCControl
	Executes same action as Pro-Con executed before ACC, from SP.		
006	Pattern Cal. Method	*ENG	[0 to 3 / 0 / 1/step] 0: FIXED 1: INITIALIZED 2: CALCULATED
	Executes same action as Pro-Con executed before ACC, from SP.		



010	ActivePotentialControl	*ENG	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
	Sets electric potential control method for during printing.		
030	IBACC:ON/OFF	*ENG	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
	Sets execute ON/OFF of IBACC.		
060	Vsg ITB Internal Circumference Correction	*ENG	[0 or 1 / 0 / 1/step] 0: OFF 1: ON
	Sets execute ON/OFF of Vsg paper transfer internal rotate correction.		

3610	<b>[Chrg AC Control]</b>		
	Displays electrify AC control value decided with electrify AC control.		
001	Std Speed: K	*ENG	[0.00 to 3.00 / 2.20 / 0.01kV]
002	Std Speed: C	*ENG	
003	Std Speed: M	*ENG	
004	Std Speed: Y	*ENG	

3611	<b>[Chrg DC Control]</b>		
	Displays electrify DC bias decided with Pro-Con.		

001	Std Speed: K	*ENG	[300 to 1000 / <b>690</b> / 1-V/step]
002	Std Speed: C	*ENG	
003	Std Speed: M	*ENG	
004	Std Speed: Y	*ENG	
011	Mid Speed: K	*ENG	
012	Mid Speed: C	*ENG	
013	Mid Speed: M	*ENG	
014	Mid Speed: Y	*ENG	
021	Low Speed: K	*ENG	
022	Low Speed: C	*ENG	
023	Low Speed: M	*ENG	
024	Low Speed: Y	*ENG	
3611	<b>[Chrg DC Control]</b>		
	Displays electrify DC bias decided with Pro-Con.		
201	Now:Std Speed: K	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
202	Now:Std Speed: C	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
203	Now:Std Speed: M	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
204	Now:Std Speed: Y	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
3611	<b>[Chrg DC Control]</b>		
	Electrify bias to actually set including value corrected with RTP.		
211	Now:Mid Speed: K	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
212	Now:Mid Speed: C	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
213	Now:Mid Speed: M	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
214	Now:Mid Speed: Y	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
221	Now:Low Speed: K	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
222	Now:Low Speed: C	ENG	[300 to 1000 / <b>690</b> / 1-V/step]

223	Now:Low Speed: M	ENG	[300 to 1000 / <b>690</b> / 1-V/step]
224	Now:Low Speed: Y	ENG	[300 to 1000 / <b>690</b> / 1-V/step]

<b>3612</b>	<b>[Dev DC Control]</b>		
	Displays develop bias decided with Pro-Con.		
001	Std Speed: K	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
002	Std Speed: C	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
003	Std Speed: M	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
004	Std Speed: Y	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
011	Mid Speed: K	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
012	Mid Speed: C	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
013	Mid Speed: M	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
014	Mid Speed: Y	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
021	Low Speed: K	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
022	Low Speed: C	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
023	Low Speed: M	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
024	Low Speed: Y	*ENG	[200 to 800 / <b>550</b> / 1-V/step]
<b>3612</b>	<b>[Dev DC Control]</b>		
120	Set:Vb Limit	*ENG	[0 to 500 / <b>50</b> / 1V/step]
	Controls bias variable amount when Pro-Con interrupting.		
<b>3612</b>	<b>[Dev DC Control]</b>		
	Sets upper limit develop Vb.		
121	Set:Limit TC1	*ENG	[1.0 to 15.0 / <b>6.5</b> / 0.1wt%/step]
122	Set:Limit TC2	*ENG	[1.0 to 15.0 / <b>7.0</b> / 0.1wt%/step]
123	Set:Page Thresh	*ENG	[0 to 999999 / <b>35000</b> / 1 page/step]

131	Set:Upper Vb Current:K	*ENG	[0 to 800 / <b>600</b> / 1V/step]
132	Set:Upper Vb Current:C	*ENG	
133	Set:Upper Vb Current:M	*ENG	
134	Set:Upper Vb Current:Y	*ENG	
<b>3612</b>	<b>[Dev DC Control]</b>		
	Develop bias to actually set including value corrected with RTP.		
201	Now:Std Speed: K	ENG	[200 to 800 / <b>690</b> / 1-V/step]
202	Now:Std Speed: C	ENG	[200 to 800 / <b>690</b> / 1-V/step]
203	Now:Std Speed: M	ENG	[200 to 800 / <b>690</b> / 1-V/step]
204	Now:Std Speed: Y	ENG	[200 to 800 / <b>690</b> / 1-V/step]
211	Now:Mid Speed: K	ENG	[200 to 800 / <b>690</b> / 1-V/step]
212	Now:Mid Speed: C	ENG	[200 to 800 / <b>690</b> / 1-V/step]
213	Now:Mid Speed: M	ENG	[200 to 800 / <b>690</b> / 1-V/step]
214	Now:Mid Speed: Y	ENG	[200 to 800 / <b>690</b> / 1-V/step]
221	Now:Low Speed: K	ENG	[200 to 800 / <b>690</b> / 1-V/step]
222	Now:Low Speed: C	ENG	[200 to 800 / <b>690</b> / 1-V/step]
223	Now:Low Speed: M	ENG	[200 to 800 / <b>690</b> / 1-V/step]
224	Now:Low Speed: Y	ENG	[200 to 800 / <b>690</b> / 1-V/step]

<b>3613</b>	<b>[LD Power Control]</b>		
	Displays LD power decided with Pro-Con.		
001	Std Speed: K	*ENG	[0 to 200 / <b>100</b> / 1%/step]
002	Std Speed: C	*ENG	[0 to 200 / <b>100</b> / 1%/step]
003	Std Speed: M	*ENG	[0 to 200 / <b>100</b> / 1%/step]
004	Std Speed: Y	*ENG	[0 to 200 / <b>100</b> / 1%/step]
011	Mid Speed: K	*ENG	[0 to 200 / <b>100</b> / 1%/step]

012	Mid Speed: C	*ENG	[0 to 200 / 100 / 1%/step]
013	Mid Speed: M	*ENG	[0 to 200 / 100 / 1%/step]
014	Mid Speed: Y	*ENG	[0 to 200 / 100 / 1%/step]
021	Std Speed: K	*ENG	[0 to 200 / 100 / 1%/step]
022	Std Speed: C	*ENG	[0 to 200 / 100 / 1%/step]
023	Std Speed: M	*ENG	[0 to 200 / 100 / 1%/step]
024	Std Speed: Y	*ENG	[0 to 200 / 100 / 1%/step]
<b>3613</b>	<b>[LD Power Control]</b>		
	LD Power of Pro-Con pattern part.		
101	PrcsCntrlCorrect:K	ENG	[0 to 200 / 140 / 1%/step]
102	PrcsCntrlCorrect:C	ENG	[0 to 200 / 140 / 1%/step]
103	PrcsCntrlCorrect:M	ENG	[0 to 200 / 140 / 1%/step]
104	PrcsCntrlCorrect:Y	ENG	[0 to 200 / 140 / 1%/step]
<b>3613</b>	<b>[LD Power Control]</b>		
	Ld Power to actually set including value corrected with RTP.		
201	Now:Std Speed: K	ENG	[0 to 200 / 100 / 1%/step]
202	Now:Std Speed: C	ENG	[0 to 200 / 100 / 1%/step]
203	Now:Std Speed: M	ENG	[0 to 200 / 100 / 1%/step]
204	Now:Std Speed: Y	ENG	[0 to 200 / 100 / 1%/step]
211	Now:Mid Speed: K	ENG	[0 to 200 / 100 / 1%/step]
212	Now:Mid Speed: C	ENG	[0 to 200 / 100 / 1%/step]
213	Now:Mid Speed: M	ENG	[0 to 200 / 100 / 1%/step]
214	Now:Mid Speed: Y	ENG	[0 to 200 / 100 / 1%/step]
221	Now:Low Speed: K	ENG	[0 to 200 / 100 / 1%/step]
222	Now:Low Speed: C	ENG	[0 to 200 / 100 / 1%/step]
223	Now:Low Speed: M	ENG	[0 to 200 / 100 / 1%/step]

224	Now:Low Speed: Y	ENG	[0 to 200 / <b>100</b> / 1%/step]
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<b>3619</b>	<b>[Bias:Spd Corr]</b>		
	Sets correction conditions per line speed of develop bias.		
001	VbCoef:Std Spd: K	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
002	VbCoef:Std Spd: C	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
003	VbCoef:Std Spd: M	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
004	VbCoef:Std Spd: Y	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
011	VbCoef:Mid Spd: K	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
012	VbCoef:Mid Spd: C	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
013	VbCoef:Mid Spd: M	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
014	VbCoef:Mid Spd: Y	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
021	VbCoef:Low Spd: K	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
022	VbCoef:Low Spd: C	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
023	VbCoef:Low Spd: M	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
024	VbCoef:Low Spd: Y	*ENG	[0.50 to 1.50 / <b>1.00</b> / 0.01/step]
051	Offset: Std Spd: K	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
052	Offset: Std Spd: C	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
053	Offset: Std Spd: M	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
054	Offset: Std Spd: Y	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
061	Offset: Mid Spd: K	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
062	Offset: Mid Spd: C	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
063	Offset: Mid Spd: M	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
064	Offset: Mid Spd: Y	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
071	Offset: Low Spd: K	*ENG	[-128 to 127 / <b>2</b> / 1V/step]
072	Offset: Low Spd: C	*ENG	[-128 to 127 / <b>2</b> / 1V/step]

073	Offset: Low Spd: M	*ENG	[-128 to 127 / 2 / 1V/step]
074	Offset: Low Spd: Y	*ENG	[-128 to 127 / 2 / 1V/step]

<b>3620</b>	<b>[ProCon Target M/A]</b>		
001	Maximum M/A:K	*ENG	[0.250 to 0.750 / <b>0.370</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets solid deposit (K).		
002	Maximum M/A:C	*ENG	[0.250 to 0.750 / <b>0.400</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets solid deposit (C).		
003	Maximum M/A:M	*ENG	[0.250 to 0.750 / <b>0.450</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets solid deposit (M).		
004	Maximum M/A:Y	*ENG	[0.250 to 0.750 / <b>0.400</b> / 0.001 mg/cm <sup>2</sup> /step]
	Sets solid deposit (Y).		

<b>3621</b>	<b>[Backgroud Pot:Set]</b>		
	<ul style="list-style-type: none"> <li>• Sets background potential</li> <li>• Default: 100V, carrier deposit will occur when setting value too high.</li> </ul>		
001	Slope:K	*ENG	[-1000 to 1000 / 0 / 1/step]
002	Slope:C	*ENG	
003	Slope:M	*ENG	
004	Slope:Y	*ENG	
011	intercept:K	*ENG	[0 to 255 / 120 / 1V/step]
012	intercept:C	*ENG	
013	intercept:M	*ENG	
014	intercept:Y	*ENG	

3621	<b>[Backgroud Pot:Set]</b>		
	Sets background potential. (Upper/lower limit).		
051	UpperLimit	*ENG	[100 to 1000 / <b>150</b> / 1V/step]
052	LowerLimit	*ENG	[0 to 100 / <b>100</b> / 1V/step]

3622	<b>[Dev Pot :Set]</b>		
001	Current:K	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Current Value (K).		
002	Current:C	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Current Value (C).		
003	Current:M	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Current Value (M).		
004	Current:Y	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Current Value (Y).		
011	Current:F_K	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Target Value (K).		
012	Current:F_C	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Target Value (C).		
013	Current:F_M	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Target Value (M).		
014	Current:F_Y	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Target Value (Y).		
021	Current:C_K	ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays develop potential (K).		
022	Current:C_C	ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays develop potential (C).		



023	Current:C_M	ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays develop potential (M).		
024	Current:C_Y	ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays develop potential (Y).		
031	Current:R_K	ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays develop potential (K).		
032	Current:R_C	ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays develop potential (C).		
033	Current:R_M	ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays develop potential (M).		
034	Current:R_Y	ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays develop potential (Y).		
051	UpperLimit	*ENG	[400 to 800 / <b>700</b> / 1V/step]
	Sets Development Potential (Upper Limit) (K).		
052	UpperLimit	*ENG	[400 to 800 / <b>700</b> / 1V/step]
	Sets Development Potential (Upper Limit) (C).		
053	UpperLimit	*ENG	[400 to 800 / <b>700</b> / 1V/step]
	Sets Development Potential (Upper Limit) (M).		
054	UpperLimit	*ENG	[400 to 800 / <b>700</b> / 1V/step]
	Sets Development Potential (Upper Limit) (Y).		
061	LowerLimit	*ENG	[0 to 400 / <b>200</b> / 1V/step]
	Sets Development Potential (Lower Limit) (K).		
062	LowerLimit	*ENG	[0 to 400 / <b>200</b> / 1V/step]
	Sets Development Potential (Lower Limit) (C).		
063	LowerLimit	*ENG	[0 to 400 / <b>200</b> / 1V/step]
	Sets Development Potential (Lower Limit) (M).		

064	LowerLimit	*ENG	[0 to 400 / <b>200</b> / 1V/step]
	Sets Development Potential (Lower Limit) (Y).		
101	Target:K	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Current Value (K) according to paper.		
102	Target:C	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Current Value (C) according to paper.		
103	Target:M	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Current Value (M) according to paper.		
104	Target:Y	*ENG	[0 to 800 / <b>0</b> / 1V/step]
	Displays Development Potential: Current Value (Y) according to paper.		
111	Target Corr:K	*ENG	[-128 to 127 / <b>0</b> / 1/step]
	Displays develop potential target value correction amount (K).		
112	Target Corr:C	*ENG	[-128 to 127 / <b>0</b> / 1/step]
	Displays develop potential target value correction amount (C).		
113	Target Corr:M	*ENG	[-128 to 127 / <b>0</b> / 1/step]
	Displays develop potential target value correction amount (M).		
114	Target Corr:Y	*ENG	[-128 to 127 / <b>0</b> / 1/step]
	Displays develop potential target value correction amount (Y).		
121	Vk:Upper_K	*ENG	[0 to 255 / <b>30</b> / 1-V/step]
	Regulates upper limit of start developing voltage value (K).		
122	Vk:Upper_Col	*ENG	[0 to 255 / <b>30</b> / 1-V/step]
	Regulates upper limit of start developing voltage value (Col).		
123	Vk:Lower_K	*ENG	[-128 to 0 / <b>-90</b> / 1-V/step]
	Regulates lower limit of start developing voltage value (K).		
124	Vk:Lower_Col	*ENG	[-128 to 0 / <b>-60</b> / 1-V/step]
	Regulates lower limit of start developing voltage value (Col).		

3623	<b>[LD Power :Set]</b>		
	Sets background potential <ul style="list-style-type: none"> <li>• Default: 100V</li> <li>• Carrier deposit will occur when setting value too high.</li> </ul>		
001	Std Speed Slope:K	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
002	Std Speed Slope:C	*ENG	
003	Std Speed Slope:M	*ENG	
004	Std Speed Slope:Y	*ENG	
011	Std Speed intercept:K	*ENG	[-1000 to 1000 / <b>31</b> / 1/step]
012	Std Speed intercept:C	*ENG	
013	Std Speed intercept:M	*ENG	
014	Std Speed intercept:Y	*ENG	
021	Mid Speed Slope:K	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
022	Mid Speed Slope:C	*ENG	
023	Mid Speed Slope:M	*ENG	
024	Mid Speed Slope:Y	*ENG	
031	Mid Speed intercept:K	*ENG	[-1000 to 1000 / <b>31</b> / 1/step]
032	Mid Speed intercept:C	*ENG	
033	Mid Speed intercept:M	*ENG	
034	Mid Speed intercept:Y	*ENG	
041	Low Speed Slope:K	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
042	Low Speed Slope:C	*ENG	
043	Low Speed Slope:M	*ENG	
044	Low Speed Slope:Y	*ENG	

051	Low Speed intercept:K	*ENG	[-1000 to 1000 / <b>18</b> / 1/step]
052	Low Speed intercept:C	*ENG	
053	Low Speed intercept:M	*ENG	
054	Low Speed intercept:Y	*ENG	

<b>3624</b>	<b>[TC Adj. Mode]</b>		
001	Target(Upp Limit)	*ENG	[0.00 to 1.00 / <b>0.15</b> / 0.01 mg/cm2/-kV/step]
	Sets Development gamma Adjustment Target (Upp Limit) for Toner Density Adjustment.		
002	Target(Lwr Limit)	*ENG	[-1 to 0.00 / <b>-0.15</b> / 0.01 mg/cm2/-kV/step]
	Sets Development gamma Adjustment Target (Lwr Limit) for Toner Density Adjustment.		
005	Force Consume Threshold	*ENG	[1.00 to 6.00 / <b>1.50</b> / 0.01 mg/cm2/-kV/step]
	Sets Force Consume Threshold for Density Adjustment.		
006	Consume(Upp Limit)	*ENG	[10 to 2550 / <b>294</b> / 1cm^2]
	Sets Consume (Upp Limit) for Density Adjustment.		
007	Consume(Upp Limit)	*ENG	[0 to 255 / <b>20</b> / 1times/step]
	Sets Consume (Upp Limit) for Density Adjustment.		
008	Force Supply Threshold	*ENG	[0.00 to 1.00 / <b>0.50</b> / 0.01 mg/cm2/-kV/step]
	Sets Force Consume Threshold for Density Adjustment.		
009	Supply(Upp Limit)	*ENG	[0.0 to 50.0 / <b>3.0</b> / 0.1g/step]
	Sets Supply (Upp Limit) for Density Adjustment.		
010	Supply(Lwr Limit)	*ENG	[0.0 to 50.0 / <b>1.0</b> / 0.1g/step]
	Sets Supply (Lwr Limit) for Density Adjustment.		

021	Consumption Pat: DUTY: K	*ENG	[0 to 15 / <b>15</b> / 1/step]
022	Consumption Pat: DUTY: C	*ENG	
023	Consumption Pat: DUTY: M	*ENG	
024	Consumption Pat: DUTY: Y	*ENG	
<b>3624</b>	<b>[TC Adj. Mode]</b>		
031	Max Counts:PowerON	*ENG	[0 to 50 / <b>0</b> / 1/step]
	Sets consume counts (upper limit) for toner density adjusting Pro-Con.		
<b>3624</b>	<b>[TC Adj. Mode]</b>		
Sets adjust counts for toner density adjusting Pro-Con.			
033	Max Counts:Printing	*ENG	[0 to 50 / <b>0</b> / 1/step]
034	Max Counts:Job End	*ENG	
035	Max Counts:ACC	*ENG	[0 to 50 / <b>3</b> / 1/step]
036	Max Counts:Initial Setting	*ENG	
037	Max Counts:Replenishment	*ENG	
038	Max Counts:Recovery	*ENG	
<b>3624</b>	<b>[TC Adj. Mode]</b>		
Sets execute threshold for density adjust Pro-Con against absolute humidity.			
071	AbsHumThresh(Upp)	*ENG	[0.00 to 100.00 / <b>16.00</b> / 0.01g/m3/step]
072	AbsHumThresh(Low)	*ENG	[0.00 to 100.00 / <b>4.00</b> / 0.01g/m3/step]
073	AbsHumThresh(Range)	*ENG	[0.00 to 100.00 / <b>12.00</b> / 0.01g/m3/step]
101	AbsHum: Threshold 2	*ENG	[0 to 100 / <b>15.00</b> / 0.01 g/m3/step]
102	Delta AbsHum : Threshold 2	*ENG	[0 to 100 / <b>5.50</b> / 0.01 g/m3/step]
111	Development DC Divition Table	*ENG	[0 to 99 / <b>11</b> / 1/step]
112	Consumption Coefficient	*ENG	[0 to 1 / <b>0.0</b> / 0.1/step]

113	Consumption: Threshold 1	*ENG	[0 to 10000 / <b>150</b> / 1/mg / Step]
114	Consumption: Threshold 2	*ENG	[0 to 10000 / <b>300</b> / 1/mg / Step]
115	Consumption: Threshold 3	*ENG	[0 to 10000 / <b>450</b> / 1/mg / Step]
116	Consumption: Threshold 4	*ENG	[0 to 10000 / <b>600</b> / 1/mg / Step]
117	Consumption: Threshold 5	*ENG	[0 to 10000 / <b>750</b> / 1/mg / Step]
118	Consumption: Threshold 6	*ENG	[0 to 10000 / <b>900</b> / 1/mg / Step]
121	Consumption: Threshold (Upp)	*ENG	[0 to 10000 / <b>150</b> / 1/mg / Step]

<b>3625</b>	<b>[LDP Correction]</b>		
001	Std Speed Slope a : Slope : K	*ENG	[-1000 to 1000 / <b>818</b> / 1/step]
002	Std Speed Slope a : Slope : C	*ENG	[-1000 to 1000 / <b>818</b> / 1/step]
003	Std Speed Slope a : Slope : M	*ENG	[-1000 to 1000 / <b>818</b> / 1/step]
004	Std Speed Slope a : Slope : Y	*ENG	[-1000 to 1000 / <b>818</b> / 1/step]
005	Std Speed Slope a : Intercept : K	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
006	Std Speed Slope a : Intercept : C	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
007	Std Speed Slope a : Intercept : M	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
008	Std Speed Slope a : Intercept : Y	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
009	Std Speed Slope a : Temp Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
010	Std Speed Slope a : Temp Slope : C	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
011	Std Speed Slope a : Temp Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
012	Std Speed Slope a : Temp Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
013	Std Speed Slope a : Rel Humidity Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]

014	Std Speed Slope a : Rel Humidity Slope : C	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
015	Std Speed Slope a : Rel Humidity Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
016	Std Speed Slope a : Rel Humidity Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
021	Std Speed Slope b : Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
022	Std Speed Slope b : Slope C:	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
023	Std Speed Slope b : Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
024	Std Speed Slope b : Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
025	Std Speed Slope b : Intercept : K	*ENG	[-1000 to 1000 / <b>31</b> / 1/step]
026	Std Speed Slope b : Intercept : C	*ENG	[-1000 to 1000 / <b>31</b> / 1/step]
027	Std Speed Slope b : Intercept : M	*ENG	[-1000 to 1000 / <b>31</b> / 1/step]
028	Std Speed Slope b : Intercept : Y	*ENG	[-1000 to 1000 / <b>31</b> / 1/step]
029	Std Speed Slope b : Temp Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
030	Std Speed Slope b : Temp Slope : C	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
031	Std Speed Slope b : Temp Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
032	Std Speed Slope b : Temp Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
033	Std Speed Slope b : Rel Humidity Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
034	Std Speed Slope b : Rel Humidity Slope : C	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
035	Std Speed Slope b : Rel Humidity Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]

036	Std Speed Slope b : Rel Humidity Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
041	Low Speed Slope a : Slope : K	*ENG	[-1000 to 1000 / <b>818</b> / 1/step]
042	Low Speed Slope a : Slope : C	*ENG	[-1000 to 1000 / <b>818</b> / 1/step]
043	Low Speed Slope a : Slope : M	*ENG	[-1000 to 1000 / <b>818</b> / 1/step]
044	Low Speed Slope a : Slope : Y	*ENG	[-1000 to 1000 / <b>818</b> / 1/step]
045	Low Speed Slope a : Intercept : K	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
046	Low Speed Slope a : Intercept : C	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
047	Low Speed Slope a : Intercept : M	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
048	Low Speed Slope a : Intercept : Y	*ENG	[-1000 to 1000 / <b>128</b> / 1/step]
049	Low Speed Slope a : Temp Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
050	Low Speed Slope a : Temp Slope : C	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
051	Low Speed Slope a : Temp Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
052	Low Speed Slope a : Temp Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
053	Low Speed Slope a : Rel Humidity Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
054	Low Speed Slope a : Rel Humidity Slope : C	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
055	Low Speed Slope a : Rel Humidity Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
056	Low Speed Slope a : Rel Humidity Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
061	Low Speed Slope b : Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]



062	Low Speed Slope b : Slope C:	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
063	Low Speed Slope b : Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
064	Low Speed Slope b : Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
065	Low Speed Slope b : Intercept : K	*ENG	[-1000 to 1000 / <b>18</b> / 1/step]
066	Low Speed Slope b : Intercept : C	*ENG	[-1000 to 1000 / <b>18</b> / 1/step]
067	Low Speed Slope b : Intercept : M	*ENG	[-1000 to 1000 / <b>18</b> / 1/step]
068	Low Speed Slope b : Intercept : Y	*ENG	[-1000 to 1000 / <b>18</b> / 1/step]
069	Low Speed Slope b : Temp Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
070	Low Speed Slope b : Temp Slope : C	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
071	Low Speed Slope b : Temp Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
072	Low Speed Slope b : Temp Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
073	Low Speed Slope b : Rel Humidity Slope : K	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
074	Low Speed Slope b : Rel Humidity Slope : C	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
075	Low Speed Slope b : Rel Humidity Slope : M	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]
076	Low Speed Slope b : Rel Humidity Slope : Y	*ENG	[-1000 to 1000 / <b>0</b> / 1/step]

<b>3627</b>	<b>[P Pattern Extraction :Set]</b>		
	Sets edge detect threshold for ID sensor.		
001	Edge Detection Threshold :K	*ENG	[0.0 to 5.0 / <b>2.0</b> / 0.1V/step]

002	Edge Detection Threshold :C	*ENG	[0.0 to 5.0 / <b>2.5</b> / 0.1V/step]
003	Edge Detection Threshold :M	*ENG	
004	Edge Detection Threshold :Y	*ENG	
011	Edge Upper Limit:Potential Control	*ENG	[7.0 to 10.0 / <b>9.0</b> / 0.1mm/step]
	Sets upper limit value of edge interval sampling count of P pattern by electric potential control. (Processes an error when exceeding upper limit)		
012	Edge Upper Limit:IBACC	*ENG	[10.0 to 13.0 / <b>12.0</b> / 0.1mm/step]
	Sets upper limit value of edge interval sampling count of P pattern by IBACC. (Processes an error when exceeding upper limit)		
013	Edge Upper Limit:RTP		[50 to 80 / <b>7.0</b> / 0.1 mm/step]
021	Edge Lower Limit:Potential Control	*ENG	[4.0 to 7.0 / <b>5.0</b> / 0.1mm/step]
	Sets lower limit value of edge interval sampling count of P pattern by electric potential control. (Keeps searching when below lower limit value)		
022	Edge Lower Limit:IBACC	*ENG	[7.0 to 10.0 / <b>8.0</b> / 0.1mm/step]
	Sets lower limit value of edge interval sampling count of P pattern IBACC. (Keeps searching when below lower limit value)		
023	Edge Lower Limit:RTP	*ENG	[2.0 to 5.0 / <b>3.0</b> / 0.1mm/step]
	Sets lower limit value of edge interval sampling count of P pattern RTP. (Keeps searching when below lower limit value)		
<b>3628</b>	<b>[ID Pattern Timing :Set]</b>		
001	Scan: YCMK	*ENG	[-500.0 to 500.0 / <b>0.0</b> / 0.1mm/step]
	Adjusts timing of Pro-Con pattern detect by P sensor.		
002	Detection Delay Time	*ENG	[0 to 2500 / <b>0</b> / 1msec/step]
	Adjusts alienation start timing of paper transfer.		

003	Delay Time	*ENG	[0 to 2500 / <b>778</b> / 1msec/step]
	Adjusts start write timing of P pattern.		
004	MUSIC Delay Time	*ENG	[0 to 2500 / <b>150</b> / 1msec/step]
	Adjusts start write timing of MUSIC.		

<b>3629</b>	<b>[ProCon Pattern:Set]</b>		
	Sets imaging conditions for electric potential control pattern.		
001	ChargeDC: Pattern1: Bk	*ENG	[0 to 999 / <b>170</b> / 1V/step]
002	ChargeDC: Pattern2: Bk	*ENG	[0 to 999 / <b>210</b> / 1V/step]
003	ChargeDC: Pattern3: Bk	*ENG	[0 to 999 / <b>250</b> / 1V/step]
004	ChargeDC: Pattern4: Bk	*ENG	[0 to 999 / <b>290</b> / 1V/step]
005	ChargeDC: Pattern5: Bk	*ENG	[0 to 999 / <b>330</b> / 1V/step]
006	ChargeDC: Pattern6: Bk	*ENG	[0 to 999 / <b>370</b> / 1V/step]
007	ChargeDC: Pattern7: Bk	*ENG	[0 to 999 / <b>410</b> / 1V/step]
008	ChargeDC: Pattern8: Bk	*ENG	[0 to 999 / <b>450</b> / 1V/step]
009	ChargeDC: Pattern9: Bk	*ENG	[0 to 999 / <b>490</b> / 1V/step]
010	ChargeDC: Pattern10: Bk	*ENG	[0 to 999 / <b>530</b> / 1V/step]
011	ChargeDC: Pattern1: C	*ENG	[0 to 999 / <b>170</b> / 1V/step]
012	ChargeDC: Pattern2: C	*ENG	[0 to 999 / <b>230</b> / 1V/step]
013	ChargeDC: Pattern3: C	*ENG	[0 to 999 / <b>290</b> / 1V/step]
014	ChargeDC: Pattern4: C	*ENG	[0 to 999 / <b>350</b> / 1V/step]
015	ChargeDC: Pattern5: C	*ENG	[0 to 999 / <b>410</b> / 1V/step]
016	ChargeDC: Pattern6: C	*ENG	[0 to 999 / <b>470</b> / 1V/step]
017	ChargeDC: Pattern7: C	*ENG	[0 to 999 / <b>530</b> / 1V/step]
018	ChargeDC: Pattern8: C	*ENG	[0 to 999 / <b>590</b> / 1V/step]
019	ChargeDC: Pattern9: C	*ENG	[0 to 999 / <b>650</b> / 1V/step]

020	ChargeDC: Pattern10: C	*ENG	[0 to 999 / <b>710</b> / 1V/step]
021	ChargeDC: Pattern1: M	*ENG	[0 to 999 / <b>170</b> / 1V/step]
022	ChargeDC: Pattern2: M	*ENG	[0 to 999 / <b>230</b> / 1V/step]
023	ChargeDC: Pattern3: M	*ENG	[0 to 999 / <b>290</b> / 1V/step]
024	ChargeDC: Pattern4: M	*ENG	[0 to 999 / <b>350</b> / 1V/step]
025	ChargeDC: Pattern5: M	*ENG	[0 to 999 / <b>410</b> / 1V/step]
026	ChargeDC: Pattern6: M	*ENG	[0 to 999 / <b>470</b> / 1V/step]
027	ChargeDC: Pattern7: M	*ENG	[0 to 999 / <b>530</b> / 1V/step]
028	ChargeDC: Pattern8: M	*ENG	[0 to 999 / <b>590</b> / 1V/step]
029	ChargeDC: Pattern9: M	*ENG	[0 to 999 / <b>650</b> / 1V/step]
030	ChargeDC: Pattern10: M	*ENG	[0 to 999 / <b>710</b> / 1V/step]
031	ChargeDC: Pattern1: Y	*ENG	[0 to 999 / <b>170</b> / 1V/step]
032	ChargeDC: Pattern2: Y	*ENG	[0 to 999 / <b>230</b> / 1V/step]
033	ChargeDC: Pattern3: Y	*ENG	[0 to 999 / <b>290</b> / 1V/step]
034	ChargeDC: Pattern4: Y	*ENG	[0 to 999 / <b>350</b> / 1V/step]
035	ChargeDC: Pattern5: Y	*ENG	[0 to 999 / <b>410</b> / 1V/step]
036	ChargeDC: Pattern6: Y	*ENG	[0 to 999 / <b>470</b> / 1V/step]
037	ChargeDC: Pattern7: Y	*ENG	[0 to 999 / <b>530</b> / 1V/step]
038	ChargeDC: Pattern8: Y	*ENG	[0 to 999 / <b>590</b> / 1V/step]
039	ChargeDC: Pattern9: Y	*ENG	[0 to 999 / <b>650</b> / 1V/step]
040	ChargeDC: Pattern10: Y	*ENG	[0 to 999 / <b>710</b> / 1V/step]
101	DevelopmentDC: Pattern1: Bk	*ENG	[0 to 999 / <b>50</b> / 1V/step]
102	DevelopmentDC: Pattern2: Bk	*ENG	[0 to 999 / <b>90</b> / 1V/step]
103	DevelopmentDC: Pattern3: Bk	*ENG	[0 to 999 / <b>130</b> / 1V/step]
104	DevelopmentDC: Pattern4: Bk	*ENG	[0 to 999 / <b>170</b> / 1V/step]
105	DevelopmentDC: Pattern5: Bk	*ENG	[0 to 999 / <b>210</b> / 1V/step]

106	DevelopmentDC: Pattern6: Bk	*ENG	[0 to 999 / <b>250</b> / 1V/step]
107	DevelopmentDC: Pattern7: Bk	*ENG	[0 to 999 / <b>290</b> / 1V/step]
108	DevelopmentDC: Pattern8: Bk	*ENG	[0 to 999 / <b>330</b> / 1V/step]
109	DevelopmentDC: Pattern9: Bk	*ENG	[0 to 999 / <b>370</b> / 1V/step]
110	DevelopmentDC: Pattern10: Bk	*ENG	[0 to 999 / <b>410</b> / 1V/step]
111	DevelopmentDC: Pattern1: C	*ENG	[0 to 999 / <b>50</b> / 1V/step]
112	DevelopmentDC: Pattern2: C	*ENG	[0 to 999 / <b>110</b> / 1V/step]
113	DevelopmentDC: Pattern3: C	*ENG	[0 to 999 / <b>170</b> / 1V/step]
123	DevelopmentDC: Pattern3: M	*ENG	[0 to 999 / <b>170</b> / 1V/step]
124	DevelopmentDC: Pattern4: M	*ENG	[0 to 999 / <b>230</b> / 1V/step]
125	DevelopmentDC: Pattern5: M	*ENG	[0 to 999 / <b>290</b> / 1V/step]
133	DevelopmentDC: Pattern3: Y	*ENG	[0 to 999 / <b>170</b> / 1V/step]
134	DevelopmentDC: Pattern4: Y	*ENG	[0 to 999 / <b>230</b> / 1V/step]
135	DevelopmentDC: Pattern5: Y	*ENG	[0 to 999 / <b>290</b> / 1V/step]
136	DevelopmentDC: Pattern6: Y	*ENG	[0 to 999 / <b>350</b> / 1V/step]
137	DevelopmentDC: Pattern7: Y	*ENG	[0 to 999 / <b>410</b> / 1V/step]
138	DevelopmentDC: Pattern8: Y	*ENG	[0 to 999 / <b>470</b> / 1V/step]
139	DevelopmentDC: Pattern9: Y	*ENG	[0 to 999 / <b>530</b> / 1V/step]
140	DevelopmentDC: Pattern10: Y	*ENG	[0 to 999 / <b>590</b> / 1V/step]

<b>3630</b>	<b>[Dev gamma :Disp/Set]</b>		
001	Current:K	*ENG	[0.10 to 6.00 / <b>0.95</b> / 0.01 mg/cm2/-kV/step]
	Displays the latest Development gamma (K).		
002	Current:C	*ENG	[0.10 to 6.00 / <b>0.95</b> / 0.01 mg/cm2/-kV/step]
	Displays the latest Development gamma (C).		

003	Current:M	*ENG	[0.10 to 6.00 / <b>1.05</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays the latest Development gamma (M).		
004	Current:Y	*ENG	[0.10 to 6.00 / <b>0.95</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays the latest Development gamma (Y).		
011	Target:K	*ENG	[0.50 to 2.55 / <b>0.95</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays Target Value for Development gamma (K).		
	Displays environment correction amount of develop gamma.		
012	Target:C	*ENG	[0.50 to 2.55 / <b>0.95</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays Target Value for Development gamma (C)		
013	Target:M	*ENG	[0.50 to 2.55 / <b>0.95</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays Target Value for Development gamma (M)		
014	Target:Y	*ENG	[0.50 to 2.55 / <b>0.95</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays Target Value for Development gamma (Y)		
042	Environ Corr:Col	*ENG	[-1.00 to 1.00 / <b>0.00</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays environment correction amount of develop gamma.		
051	TnrDensity Corr:K	*ENG	[-1.00 to 1.00 / <b>0.00</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays toner density correction amount of develop gamma. (K)		
052	TnrDensity Corr:C	*ENG	[-1.00 to 1.00 / <b>0.00</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays toner density correction amount of develop gamma. (C)		

053	TnrDensity Corr:M	*ENG	[-1.00 to 1.00 / <b>0.00</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays toner density correction amount of develop gamma. (M)		
054	TnrDensity Corr:Y	*ENG	[-1.00 to 1.00 / <b>0.00</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Displays toner density correction amount of develop gamma. (Y)		
061	TnrDensity:K	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1 wt%/step]
	Displays Toner Density (K) converted based on TD Sensor output.		
062	TnrDensity:C	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1 wt%/step]
	Displays Toner Density (C) converted based on TD Sensor output.		
063	TnrDensity:M	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1 wt%/step]
	Displays Toner Density (M) converted based on TD Sensor output.		
064	TnrDensity:Y	*ENG	[0.0 to 25.5 / <b>0.0</b> / 0.1 wt%/step]
	Displays Toner Density (Y) converted based on TD Sensor output.		
071	Environ Corr1:K	*ENG	[-1.00 to 1.00 / <b>0.00</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 1) of develop gamma.		
072	Environ Corr2:K	*ENG	[-1.00 to 1.00 / <b>0.04</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 2) of develop gamma.		
073	Environ Corr3:K	*ENG	[-1.00 to 1.00 / <b>0.06</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 3) of develop gamma.		
074	Environ Corr4:K	*ENG	[-1.00 to 1.00 / <b>0.08</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 4) of develop gamma.		

075	Environ Corr5:K	*ENG	[-1.00 to 1.00 / <b>0.10</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 5) of develop gamma.		
076	Environ Corr6:K	*ENG	[-1.00 to 1.00 / <b>0.10</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 6) of develop gamma		
081	Environ Corr1:Col	*ENG	[-1.00 to 1.00 / <b>0.00</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 1) of develop gamma.		
082	Environ Corr2:Col	*ENG	[-1.00 to 1.00 / <b>0.04</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 2) of develop gamma.		
083	Environ Corr3:Col	*ENG	[-1.00 to 1.00 / <b>0.06</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 3) of develop gamma.		
084	Environ Corr4:Col	*ENG	[-1.00 to 1.00 / <b>0.08</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 4) of develop gamma.		
085	Environ Corr5:Col	*ENG	[-1.00 to 1.00 / <b>0.10</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 5) of develop gamma.		
086	Environ Corr6:Col	*ENG	[-1.00 to 1.00 / <b>0.10</b> / 0.01 mg/cm <sup>2</sup> /-kV/step]
	Sets environment correction table value (environment section 6) of develop gamma.		
090	TC-Gamma	*ENG	[0.10 to 0.25 / <b>0.20</b> / 0.01/step]
	Slope of TC-develop gamma.		
091	TC Corr ThreshHold:K	*ENG	[7.0 to 12.0 / <b>9.0</b> / 0.1wt%/step]
	Sets toner density threshold for correction using TC correction term of develop gamma (target).		



092	TC Corr ThreshHold:C	*ENG	[7.0 to 12.0 / <b>9.0</b> / 0.1wt%/step]
	Sets toner density threshold for correction using TC correction term of develop gamma (target).		
093	TC Corr ThreshHold:M	*ENG	[7.0 to 12.0 / <b>9.0</b> / 0.1wt%/step]
	Sets toner density threshold for correction using TC correction term of develop gamma (target).		
094	TC Corr ThreshHold:Y	*ENG	[7.0 to 12.0 / <b>9.0</b> / 0.1wt%/step]
	Sets toner density threshold for correction using TC correction term of develop gamma (target).		
<b>3630</b>	<b>[Dev gamma :Disp/Set]</b>		
101	UpperLimit	*ENG	[1.00 to 5.00 / <b>5.00</b> / 0.01mg/cm2/-kV/step]
	Displays initial value of develop gamma (K).		
102	LowerLimit	*ENG	[0.10 to 1.00 / <b>0.15</b> / 0.01mg/cm2/-kV/step]
	Displays initial value of develop gamma (C).		
<b>3630</b>	<b>[Dev gamma :Disp/Set]</b>		
	Displays latest develop gamma.		
111	Current:F_K	ENG	[0.10 to 6.00 / <b>0.90</b> / 0.01mg/cm2/-kV/step]
112	Current:F_C	ENG	[0.10 to 6.00 / <b>0.80</b> / 0.01mg/cm2/-kV/step]
113	Current:F_M	ENG	
114	Current:F_Y	ENG	
121	Current:C_K	ENG	[0.10 to 6.00 / <b>0.90</b> / 0.01mg/cm2/-kV/step]
122	Current:C_C	ENG	[0.10 to 6.00 / <b>0.80</b> / 0.01mg/cm2/-kV/step]
123	Current:C_M	ENG	
124	Current:C_Y	ENG	

131	Current:R_K	ENG	[0.10 to 6.00 / <b>0.90</b> / 0.01mg/cm2/-kV/step]
132	Current:R_C	ENG	[0.10 to 6.00 / <b>0.80</b> / 0.01mg/cm2/-kV/step]
133	Current:R_M	ENG	
134	Current:R_Y	ENG	
<b>3630</b>	<b>[Dev gamma :Disp/Set]</b>		
	Regulates valid deposit amount range for calculating develop gamma.		
141	Range M/A Upp:K	*ENG	[0.20 to 1.00 / <b>0.40</b> / 0.01mg/cm2/step]
142	Range M/A Low:K	*ENG	[0.00 to 0.20 / <b>0.05</b> / 0.01mg/cm2/step]
143	Range M/A Upp:Col	*ENG	[0.20 to 1.00 / <b>0.50</b> / 0.01mg/cm2/step]
144	Range M/A Low:Col	*ENG	[0.00 to 0.20 / <b>0.05</b> / 0.01mg/cm2/step]

<b>3631</b>	<b>[Vk :Disp]</b>		
	Displays latest develop start voltage.		
001	Current:K	*ENG	[-300 to 300 / <b>0</b> / 1-V/step]
002	Current:C	*ENG	
003	Current:M	*ENG	
004	Current:Y	*ENG	
111	Current:F_K	ENG	[-300 to 300 / <b>0</b> / 1-V/step]
112	Current:F_C	ENG	
113	Current:F_M	ENG	
114	Current:F_Y	ENG	

121	Current:C_K	ENG	[-300 to 300 / 0 / 1-V/step]
122	Current:C_C	ENG	
123	Current:C_M	ENG	
124	Current:C_Y	ENG	
131	Current:R_K	ENG	[-300 to 300 / 0 / 1-V/step]
132	Current:R_C	ENG	
133	Current:R_M	ENG	
134	Current:R_Y	ENG	

<b>3650</b>	<b>[APC: Set]</b>		
001	Interval	*ENG	[0 to 200 / 0 / 1page/step]
	Sets executing interval of electric potential control during printing.		
<b>3650</b>	<b>[APC: Set]</b>		
	Displays execution times counter for correction gain 3 of electric potential control during printing.		
071	ADJUST Exe Cnt:K	*ENG	[0 to 99 / 0 / 1pages]
072	ADJUST Exe Cnt:C	*ENG	
073	ADJUST Exe Cnt:M	*ENG	
074	ADJUST Exe Cnt:Y	*ENG	
<b>3650</b>	<b>[APC: Set]</b>		
	Sets delta Vt value to decide Vt threshold of electric potential during printing.		
081	Vt Thresh:Range:K	*ENG	[0.00 to 1.00 / 0.20 / 0.01V/step]
082	Vt Thresh:Range:C	*ENG	
083	Vt Thresh:Range:M	*ENG	
084	Vt Thresh:Range:Y	*ENG	
<b>3650</b>	<b>[APC: Set]</b>		

101	limit:LDP	*ENG	[0 to 10 / 10 / 1%/step]
	Upper limit threshold for LDP variable amount of APC.		
102	limit:Bias	*ENG	[0 to 30 / 10 / 1V/step]
	Upper limit threshold for bias variable amount of APC.		

3660	<b>[IBACC:Disp/Set]</b>		
	Density target value per IBACC pattern.		
001	TargetValue:K_P1	*ENG	[0 to 1023 / 869 / 1/step]
002	TargetValue:K_P2	*ENG	[0 to 1023 / 702 / 1/step]
003	TargetValue:K_P3	*ENG	[0 to 1023 / 522 / 1/step]
004	TargetValue:K_P4	*ENG	[0 to 1023 / 323 / 1/step]
005	TargetValue:K_P5	*ENG	[0 to 1023 / 196 / 1/step]
006	TargetValue:K_P6	*ENG	[0 to 1023 / 254 / 1/step]
021	TargetValue:C_P1	*ENG	[0 to 1023 / 965 / 1/step]
022	TargetValue:C_P2	*ENG	[0 to 1023 / 909 / 1/step]
023	TargetValue:C_P3	*ENG	[0 to 1023 / 832 / 1/step]

3680	<b>[Shading Compensation]</b>		
001	Plus image quantity:K	*ENG	[-10 to 10 / 0 / 1/step]
002	Plus image quantity:C	*ENG	[-10 to 10 / 0 / 1/step]
003	Plus image quantity:M	*ENG	[-10 to 10 / 0 / 1/step]
004	Plus image quantity:Y	*ENG	[-10 to 10 / 0 / 1/step]
011	Minus image quantity:K	*ENG	[-10 to 10 / 0 / 1/step]
012	Minus image quantity:C	*ENG	[-10 to 10 / 0 / 1/step]
013	Minus image quantity:M	*ENG	[-10 to 10 / 0 / 1/step]
014	Minus image quantity:Y	*ENG	[-10 to 10 / 0 / 1/step]

3700	[New Unit Detection]		
	001	ON/OFF Setting	*ENG [0 to 1 / 1 / 1/step]

3701	[Manual New Unit Set]		
	002	# DPU:K	*ENG [0 to 1 / 0 / 1/step]
003	# Dev Unit:K	*ENG [0 to 1 / 0 / 1/step]	
025	# DPU:C	*ENG [0 to 1 / 0 / 1/step]	
026	# Dev Unit:C	*ENG [0 to 1 / 0 / 1/step]	
048	# DPU:M	*ENG [0 to 1 / 0 / 1/step]	
049	# Dev Unit:M	*ENG [0 to 1 / 0 / 1/step]	
071	# DPU:Y	*ENG [0 to 1 / 0 / 1/step]	
072	# Dev Unit:Y	*ENG [0 to 1 / 0 / 1/step]	
093	# ITB Unit	*ENG [0 to 1 / 0 / 1/step]	
102	# ITB Cleaning Unit	*ENG [0 to 1 / 0 / 1/step]	
109	# PTR Unit	*ENG [0 to 1 / 0 / 1/step]	
115	# Fusing Unit	*ENG [0 to 1 / 0 / 1/step]	
116	Fusing Belt	*ENG [0 to 1 / 0 / 1/step]	
118	Pressure Roller	*ENG [0 to 1 / 0 / 1/step]	
131	Dust Filter: Ozone Duct	*ENG [0 to 1 / 0 / 1/step]	
132	Dust Filter: Fan Duct	*ENG [0 to 1 / 0 / 1/step]	
142	Waste Toner Bottle	*ENG [0 to 1 / 0 / 1/step]	
206	ADF Pick-up Roller	*ENG [0 to 1 / 0 / 1/step]	
207	ADF Supply Belt	*ENG [0 to 1 / 0 / 1/step]	
208	ADF Reverse Roller	*ENG [0 to 1 / 0 / 1/step]	
220	Toner Sub Hopper:K	*ENG [0 to 1 / 0 / 1/step]	

221	Toner Sub Hopper:C	*ENG	[0 to 1 / 0 / 1/step]
222	Toner Sub Hopper:M	*ENG	[0 to 1 / 0 / 1/step]
223	Toner Sub Hopper:Y	*ENG	[0 to 1 / 0 / 1/step]

<b>3704</b>	<b>[PCU Voltage Correction]</b>		
001	ON/OFF Setting	*ENG	[0 to 1 / 0 / 1/step]

SP3800  
RTB 153

<b>3800</b>	<b>[Waste Toner Full Detection]</b>		
001	Condition	*ENG	[0 to 4 / 0 / 1/step]
002	Page Count 1 After Near Full	*ENG	[0 to 10000000 / 0 / 1/sheet]
003	Volume Count 1 After Near Full	*ENG	[0 to 10000000 / 0 / 0.1/mg]
004	Volume Count 1 After Replacement	*ENG	[0 to 10000000 / 0 / 0.1/mg]
005	Volume Count 2 After Replacement	*ENG	[0 to 10000000 / 0 / 0.1/mg]
006	Page Count 2 After Near Full	*ENG	[0 to 10000000 / 0 / 1/sheet]
007	Volume Count 2 After Near Full	*ENG	[0 to 10000000 / 0 / 0.1/mg]
014	Threshold : Remainder days	*ENG	[1 to 255 / 15 / 1 /step]
022	Background M/A	*ENG	[0 to 1000000 / 20 / 0.000001mg/mm2/step]
023	Percentage of Transfer Ratio	*ENG	[0 to 1000 / 810 / 0.1%/step]
024	Date of detection for near full	*ENG	[0 or 1 / 0 / 1/step]
	Displays latest date done mechanical detect.		

<b>3810</b>	<b>[Lubricant End Detection]</b>		
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001	Near End Detection Distance: Thres1:Bk	*ENG	[0 to 999999999 / 0 / 1cm/step]
	*No use for this machine. Rotation distance threshold: Bk from near end detect to near end detect 2.		
003	End Detection Distance: Thres2:Bk	*ENG	[0 to 999999999 / 0 / 1cm/step]
	*No use for this machine. Rotation distance threshold: Bk from near end detect to end detect.		
005	Conduction Detection Times:Thres3	*ENG	[0 to 9 / 2 / 1/step]
006	New Unit Conduction Detection Times: Thres4	*ENG	[0 to 9 / 4 / 1/step]
011	Conduction Detection Times Counter:K	*ENG	[0 to 9 / 0 / 1/step]
	*No use for this machine. Accumulation of continues detecting times.		
015	Near End Distance:K	*ENG	[0 to 999999999 / 0 / 1cm/step]
	*No use for this machine. PCU rotation distance of when detecting near end: saving SP		
021	Detection Flag:K	*ENG	[0 to 3 / 0 / 1/step] 0: Undetected 1: mechanically detected 2: Near end detected 3: End detected.
	*No use for this machine. Detect flag		

025	New Unit Detection Flag:K	*ENG	[0 or 1 / 0 / 1/step] 0: Normal state 1: New article detected
	*No use for this machine. New article detect flag		

3905	<b>[Recycled Parts: New/Old Flag]</b>		
	Sets a flag able to recognize whether PCU is New or recycled per machine unit. (Set to "1" for recycled)		
001	OPC:K	*ENG	[0 or 1 / 0 / 1/step]
002	OPC:C	*ENG	
003	OPC:M	*ENG	
004	OPC:Y	*ENG	



# Main SP Tables - 4

## SP4-XXX (Scanner)

2

4008	[Sub Scan Magnification Adj]		
	Adjusts Sub Scan Magnification by 0.1% each step.		
001	-	*ENG	[-1.0 to 1.0 / <b>0.0</b> / 0.1 %/step] Picture will stretch as value increases. Picture will shrink as value decreases.

4010	[Sub Scan Registration Adj]		
	Adjusts Sub Scan Registration position of book scanner by 0.1mm each step.		
001	-	*ENG	[-2.0 to 2.0 / <b>0.0</b> / 0.1 mm/step] Picture will move to back edge of sub scan as value increases. Picture will move to front edge of sub scan as value decreases.

4011	[Main Scan Reg]		
	Adjust Main Scan Registration position by 0.1 mm each step.		
001	-	*ENG	[-2.5 to 2.5 / <b>0.0</b> / 0.1 mm/step] Picture moves to right as value increases. Picture moves to left as value decreases.

4012	[Set Scale Mask]		
	Adjusts scanning margins for the leading and trailing edges (sub scan) and right and left edge (main scan).		
<p><b>Note</b></p> <ul style="list-style-type: none"> <li>Do not adjust unless the customer desires a scanner margin greater than the printer margin. These settings are adjusted to erase shadows caused by the gap between the original and the scale of the scanner unit.</li> </ul>			

001	Book:Sub LEdge	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase scale shadow of sub scan leading edge (left side or original table) when scanning with book scanner.		
002	Book:Sub TEdge	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase scale shadow of sub scan trailing edge (right side or original table) when scanning with book scanner.		
003	Book:Main:LEdge	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase scale shadow of main scan leading edge (rear side or original table) when scanning with book scanner.		
004	Book:Main:TEdge	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase scale shadow of main scan trailing edge (front side or original table) when scanning with book scanner.		
005	ADF: Leading Edge	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase scale shadow of sub scan leading edge when scanning with ADF.		
007	ADF: Right	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase scale shadow of main scan leading edge when scanning with ADF.		
008	ADF: left	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase scale shadow of main scan trailing edge when scanning with ADF.		

4013	<b>[Scanner Free Run]</b>		
	<div style="border: 1px solid blue; border-radius: 10px; padding: 2px; display: inline-block;"> <b>Note</b> </div> <ul style="list-style-type: none"> <li>• Scan operation amount will depend of the latest scanning size</li> </ul>		
001	Book mode :Lamp Off	ENG	[0 or 1 / <b>0</b> / 1/step] 0: OFF 1: ON
	Repeats carriage reciprocating motion with lamp off.		


002	Book mode :Lamp On	ENG	[0 or 1 / 0 / 1/step] 0: OFF 1: ON
	Repeats carriage reciprocating motion with lamp on.		

<b>4014</b>	<b>[Scan]</b>		
001	HP Detection Enable	ENG	[0 or 1 / 0 / 1/step] 0:OFF, 1:ON
	Runs Scanner (HP Detection Enable). Reading size, speed is same as the most recent run(Default is FC, A3, Actual size)		
002	HP Detection Disable	ENG	[0 or 1 / 0 / 1/step] 0:OFF, 1:ON
	Runs Scanner (HP Detection Disable). Reading size, speed is same as the most recent run(Default is FC, A3, Actual size)		

<b>4020</b>	<b>[Dust Check]</b>		
001	Dust Detect:On/Off	*ENG	[0 or 1 / 0 / 1/step] 0: OFF, 1: ON
	Sets DF Dust Detection ON/OFF.		
002	Dust Detect:Lvl	*ENG	[0 to 8 / 4 / 1/step] 0: lowest detection level 8: highest detection level
	Sets DF Dust Detect Level. Easier to Detect as Value increases.		
<b>4020</b>	<b>[Dust Check Lvl]</b>		
003	Dust Reject:Lvl	*ENG	[0 to 4 / 0 / 1/step]
	Sets ON/OFF and switches level of Vertical stripes correction. 0=OFF, sets level to 1 from 4. Stronger correction as value increases.		
<b>4020</b>	<b>[DF Dust Check]</b>		

011	Dust Detect Level:Rear	*ENG	[0 or 1 / 0 / 1/step] 0: OFF, 1: ON
	Sets ON/OFF DF: Rear dust detection setting.		
012	Correction Level:Rear	*ENG	[0 to 8 / 4 / 1/step] 0:Lowest level 8:Highest level
	Sets DF: Rear dust detection level. As the value enlarges, easier to detect.		

<b>4201</b>	<b>[LoCPP edge level:K]</b>		
001	600dpi 2bit edge 1	*ENG	[0 to 15 / 11 / 1/step] Value increase: Tonner adhesion amount will increase for Bk picture edge. Toner decrease: Toner adhesion amount will decrease for Bk picture edge.
	Upper limit threshold parameter for smaller edge: 600dpi 2bit		
002	600dpi 2bit edge23	*ENG	[0 to 15 / 11 / 1/step] Value increase: Tonner adhesion amount will increase for Bk picture edge. Toner decrease: Toner adhesion amount will decrease for Bk picture edge
	Upper limit threshold parameter for larger edge: 600dpi 2bit		
003	600dpi 4bit edge 1	*ENG	[0 to 15 / 11 / 1/step] Value increase: Tonner adhesion amount will increase for Bk picture edge. Toner decrease: Toner adhesion amount will decrease for Bk picture edge.
	Upper limit threshold parameter for smaller edge: 600dpi 4bit		

004	600dpi 4bit edge23	*ENG	[0 to 15 / 11 / 1/step] Value increase: Toner adhesion amount will increase for Bk picture edge. Toner decrease: Toner adhesion amount will decrease for Bk picture edge.
	Upper limit threshold parameter for larger edge: 600dpi 4bit		
4201	<b>[LoCPP edge off/on:K]</b>		
	Off/on for Smaller/larger edge: 1200dpi 1bit		
011	1200dpi 1bit edge12	*ENG	[0 or 1 / 0 / 1/step]
	ON/OFF for smaller edge: 1200dpi 1bit Select ON/OFF for low CPP edge correction with 1200dpi 1bit.		
012	1200dpi 1bit edge345	*ENG	[0 or 1 / 0 / 1/step]
	ON/OFF for larger edge: 1200dpi 1bit Select ON/OFF for low CPP edge correction with 1200dpi 1bit.		
4301	<b>[Operation Check APS Sensor]</b>		
001	Operation Check APS Sensor	*ENG	[0 to 255 / 0 / 1/step] 0: Not detected 1: Detected
	SP for testing APS Sensor function.		
4303	<b>[Min Size for APS]</b>		
001	Min Size for APS	*ENG	[0 or 1 / 0 / 1/step] 0 : No Original 1: A5-Lengthwise
	Sets display when non-standard (small size) size original is detected.		
 <b>Note</b> <ul style="list-style-type: none"> <li>Sets display when non-standard (small size) size original is detected.</li> <li>When "2:EU" is selected at SP5-131-001 and "3:8K 16K" with SP4-305-001, Decision of SP4-303-001 will be "1:16K Vertical"</li> </ul>			

<b>4305</b>	<b>[8K/16K Detection]</b>		
001	-	*ENG	[0 to 3 / <b>0</b> / 1/step] 0: Normal Detection 1: A4-Sideways LT-Lengthwise 2: LT-Sideways A4-Lengthwise 3: 8K 16K
Sets assign of decision size when original size is detected.			
<div style="border: 1px solid black; border-radius: 10px; padding: 2px; display: inline-block;"> <b>Note</b> </div> <ul style="list-style-type: none"> <li>• When "0: JA" or "1: NA" is set at SP5-131-001, "3: 8K 16K series" can not be selected with SP4-305-001.</li> </ul>			

<b>4308</b>	<b>[Scan Size Detection]</b>		
001	Detection ON/OFF	*ENG	[0 to 2 / <b>1</b> / 1/step] 0: OFF 1: ON 2: APS
Switch Original size detection ON/OFF.			

<b>4309</b>	<b>[Scan Size Detect:Setting]</b>		
001	Original Density Thresh	*ENG	[0 to 255 / <b>18</b> / 1digit/step]
Sets scan image density Thresh for Scan size detection.			
002	Detection Time	*ENG	[20 to 100 / <b>60</b> / 20 msecstep]
Detection time for scan size detection.			
003	Lamp ON:Delay Time	*ENG	[40 to 200 / <b>40</b> / 10 msec/step]
Adjusts lamp light timing for scan size detection.			
004	LED PWM Duty	*ENG	[0 to 100 / <b>60</b> / 1/step]
Adjusts lamp light timing for scan size detection.			

<b>4310</b>	<b>[Scan Size Detect Value]</b>		
	Checks the density of scanning data for the scan size detection.		
001	S1:R	ENG	[0 to 255 / 0 / 1 digit/step]
002	S1:G	ENG	
003	S1:B	ENG	
004	S2:R	ENG	
005	S2:G	ENG	
006	S2:B	ENG	
007	S3:R	ENG	
008	S3:G	ENG	
009	S3:B	ENG	

<b>4350</b>	<b>[Intermittent Shading : BW]</b>		
001	Switch On/Off	ENG	[0 or 1 / 1 / 1/step] 0: Every time shading 1: Interval shading
	Switches On/OFF for Intermittent Shading when scanning BW (Simplex/Duplex).		
002	Interval 1	ENG	[0 to 65535 / 180 / 1sec/step]
	Sets Intermittent Shading interval 1 (from light on to the times done in Intermittent Shading interval set with SP4-350-003) when scanning BW.		
003	Interval 1 Repetitions	ENG	[1 to 60 / 1 / 1/step]
	Sets Shading time within Interval1 when scanning BW.		
004	Interval 2	ENG	[0 to 65535 / 180 / 1sec/step]
	Sets Intermittent Shading interval 2 (Intermittent Shading interval after interval1 is done) when scanning BW.		

<b>4351</b>	<b>[Intermittent Shading : FC]</b>		
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001	Switch On/Off	ENG	[0 or 1 / 1 / 1/step] 0: Every time shading 1: Interval shading
	Selects shading operation for color scanning.		
002	Interval 1	ENG	[0 to 65535 / 180 / 1sec/step]
	Sets interval shading interval 1 for Color scanning (Duplex/Simplex).		
003	Interval 1 Repetitions	ENG	[1 to 60 / 1 / 1/step]
	Sets operating times of interval shading interval 1 for color scanning (Duplex/Simplex).		
004	Interval 2	ENG	[0 to 65535 / 180 / 1sec/step]
	Sets interval shading interval 2 for Color scanning (Duplex/Simplex).		

<b>4400</b>	<b>[Org Edge Mask]</b>		
001	Book:Sub:LEdge(Left)	*ENG	[0.0 to 3.0 / 0.0 / 0.1 mm/step]
	Sets mask area to erase original shadow of sub scan leading edge (left side or original table) when scanning with book scanner.		
002	Book:Sub:TEdge(Right)	*ENG	[0.0 to 3.0 / 0.0 / 0.1 mm/step]
	Sets mask area to erase original shadow of sub scan trailing edge (right side or original table) when scanning with book scanner.		
003	Book:Main:LEdge(Rear)	*ENG	[0.0 to 3.0 / 0.0 / 0.1 mm/step]
	Sets mask area to erase original shadow of main scan leading edge (rear side or original table) when scanning with book scanner.		
004	Book:Main:Tedge(Front)	*ENG	[0.0 to 3.0 / 0.0 / 0.1 mm/step]
	Sets mask area to erase original shadow of main scan trailing edge (front side or original table) when scanning with book scanner.		
<b>4400</b>	<b>[Scanner Erase Margin]</b>		
005	ADF:Sub:LEdge(Left)	*ENG	[0.0 to 3.0 / 0.0 / 0.1 mm/step]
	Sets mask area to erase original shadow of sub scan leading edge when scanning with ADF.		



007	ADF:Main:LEdge(Rear)	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase original shadow of main scan leading edge when scanning with ADF.		
008	ADF:Main:TEdge(Front)	*ENG	[0.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Sets mask area to erase original shadow of main scan trailing edge when scanning with ADF.		

<b>4417</b>	<b>[IPU Test Pattern]</b>		
001	Test Pattern	ENG	[0 to 8 / <b>0</b> / 1/step] 0: Scanned image 1: Gradation main scan A 2: Patch 16C 3: Grid pattern A 4: Slant grid pattern B 5: Slant grid pattern C 6: Slant grid pattern D 7: Scanned+Slant Grid C 8: Scanned+Slant Grid D
			Selects test pattern packaged with IPU ASIC. Pattern is for design purpose, content of pattern will be omit,

<b>4429</b>	<b>[Select Copy Data Security]</b>		
001	Copying	*ENG	[0 to 3 / <b>3</b> / 1/step]
	Switches unjust copy output pattern density for copy. As the value enlarges, gets deeper.		
002	Scanning	*ENG	[0 to 3 / <b>3</b> / 1/step]
	Switches unjust copy output pattern density for scan. As the value enlarges, gets deeper.		
003	Fax Operation	*ENG	[0 to 3 / <b>3</b> / 1/step]
	Switches unjust copy output pattern density for fax. As the value enlarges, gets deeper.		

<b>4450</b>	<b>[Scan Image Pass Selection]</b>		
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001	Black Subtraction ON/OFF	* ENG	[0 or 1 / 1 / 1/step] 0:OFF 1:ON(Normal)
	Switches IPU Scanner image pass ON/OFF (black reduction). Use to evaluate design, analyze cause of malfunction (image error).		
002	SH ON/OFF	* ENG	[0 or 1 / 0 / 1/step] 0: ON(Normal) 1: OFF
	Switches IPU Scanner image pass ON/OFF (shading). Use to evaluate design, analyze cause of malfunction (image error).		

<b>4460</b>	<b>[Digital AE]</b>		
001	Low Limit Value	* ENG	[0 to 1023 / <b>364</b> / 1/step]
	Sets lower limit threshold to detect background when scanning with DF front/ Book. Considers as background when an area of input image is brighter (larger value) than threshold.		
002	Background level	* ENG	[512 to 1535 / <b>932</b> / 1/step]
	Sets background level to decide output value of background erase when scanning DF front / Book. As the value enlarges, gets thinner.		

<b>4501</b>	<b>[ACC Target Den]</b>		
001	Copy:K:Text	* ENG	[0 to 10 / <b>5</b> / 1/step]
	Sets target value of copy ACC against letter (edge) part Black plate.		
002	Copy:C:Text	* ENG	[0 to 10 / <b>5</b> / 1/step]
	Sets target value of copy ACC against letter (edge) part Cyan plate.		
003	Copy:M:Text	* ENG	[0 to 10 / <b>5</b> / 1/step]
	Sets target value of copy ACC against letter (edge) part Magenta plate.		
004	Copy:Y:Text	* ENG	[0 to 10 / <b>5</b> / 1/step]
	Sets target value of copy ACC against letter (edge) part Yellow plate.		

005	Copy:K:Photo	*ENG	[0 to 10 / 5 / 1/step]
	Sets target value of copy ACC against photo (non edge) part Black plate.		
006	Copy:C:Photo	*ENG	[0 to 10 / 5 / 1/step]
	Sets target value of copy ACC against photo (non edge) part Cyan plate.		
007	Copy:M:Photo	*ENG	[0 to 10 / 5 / 1/step]
	Sets target value of copy ACC against photo (non edge) part Magenta plate.		
008	Copy:Y:Photo	*ENG	[0 to 10 / 5 / 1/step]
	Sets target value of copy ACC against photo (non edge) part Yellow plate.		

<b>4505</b>	<b>[ACC Cor:Bright]</b>		
001	Master:K	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Black plate (Highlight area) depending on setting value (-128 to 127).		
002	Master:C	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Cyan plate (Highlight area) depending on setting value (-128 to 127).		
003	Master:M	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Magenta plate (Highlight area) depending on setting value (-128 to 127).		
004	Master:Y	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Yellow plate (Highlight area) depending on setting value (-128 to 127).		
005	Slave:K	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Black plate (Highlight area) depending on setting value (-128 to 127).		
006	Slave:C	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Cyan plate (Highlight area) depending on setting value (-128 to 127).		

007	Slave:M	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Magenta plate (Highlight area) depending on setting value (-128 to 127).		
008	Slave:Y	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Yellow plate (Highlight area) depending on setting value (-128 to 127).		

<b>4506</b>	<b>[ACC Cor:Dark]</b>		
001	Master:K	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Black plate (Shadow area) depending on setting value (-128 to 127).		
002	Master:C	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Cyan plate (Shadow area) depending on setting value (-128 to 127).		
003	Master:M	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Magenta plate (Shadow area) depending on setting value (-128 to 127).		
004	Master:Y	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against letter (edge) part Yellow plate (Shadow area) depending on setting value (-128 to 127).		
005	Slave:K	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Black plate (Shadow area) depending on setting value (-128 to 127).		
006	Slave:C	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Cyan plate (Shadow area) depending on setting value (-128 to 127).		
007	Slave:M	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Magenta plate (Shadow area) depending on setting value (-128 to 127).		

008	Slave:Y	*ENG	[-128 to 127 / 0 / 1/step]
	Adjusts target value (larger, thinner) of copy ACC against photo (non edge) part Yellow plate (Shadow area) depending on setting value (-128 to 127).		
4520	<b>[IBACC:DetectedValue]</b>		
	Latest density detecting value per IBACC pattern.		

001	Latest:K_P1	*ENG	[0 to 1023 / 0 / 1/step]
002	Latest:K_P2	*ENG	
003	Latest:K_P3	*ENG	
004	Latest:K_P4	*ENG	
005	Latest:K_P5	*ENG	
006	Latest:K_P6	*ENG	
021	Latest:C_P1	*ENG	
022	Latest:C_P2	*ENG	
023	Latest:C_P3	*ENG	
024	Latest:C_P4	*ENG	
025	Latest:C_P5	*ENG	
026	Latest:C_P6	*ENG	
041	Latest:M_P1	*ENG	
042	Latest:M_P2	*ENG	
043	Latest:M_P3	*ENG	
044	Latest:M_P4	*ENG	
045	Latest:M_P5	*ENG	
046	Latest:M_P6	*ENG	
061	Latest:Y_P1	*ENG	
062	Latest:Y_P2	*ENG	
063	Latest:Y_P3	*ENG	
064	Latest:Y_P4	*ENG	
065	Latest:Y_P5	*ENG	
066	Latest:Y_P6	*ENG	
4520	[IBACC:DetectedValue]		
	Last density detecting value per IBACC pattern.		

101	Previous:K_P1	*ENG	[0 to 1023 / 0 / 1/step]
102	Previous:K_P2	*ENG	
103	Previous:K_P3	*ENG	
104	Previous:K_P4	*ENG	
105	Previous:K_P5	*ENG	
106	Previous:K_P6	*ENG	
121	Previous:C_P1	*ENG	
122	Previous:C_P2	*ENG	
123	Previous:C_P3	*ENG	
124	Previous:C_P4	*ENG	
125	Previous:C_P5	*ENG	
126	Previous:C_P6	*ENG	
141	Previous:M_P1	*ENG	
142	Previous:M_P2	*ENG	
143	Previous:M_P3	*ENG	
144	Previous:M_P4	*ENG	
145	Previous:M_P5	*ENG	
146	Previous:M_P6	*ENG	
161	Previous:Y_P1	*ENG	
162	Previous:Y_P2	*ENG	
163	Previous:Y_P3	*ENG	
164	Previous:Y_P4	*ENG	
165	Previous:Y_P5	*ENG	
166	Previous:Y_P6	*ENG	

4540

[Print Coverage]

001	RY Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of R (to Y) Phase.		
002	RY Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding R (to Y) Phase. Larger the darker.		
003	RY Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding R (to Y) Phase. Larger the darker.		
004	RY Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding R (to Y) Phase. Larger the darker.		
005	YR Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of Y (to R) Phase.		
006	YR Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding Y (to R) Phase. Larger the darker.		
007	YR Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding Y (to R) Phase. Larger the darker.		
008	YR Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding Y (to R) Phase. Larger the darker.		



009	YG Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of Y (to G) Phase.		
010	YG Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding Y (to G) Phase. Larger the darker.		
011	YG Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding Y (to G) Phase. Larger the darker.		
012	YG Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding Y (to G) Phase. Larger the darker.		
013	GY Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of G (to Y) Phase.		
014	GY Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding G (to Y) Phase. Larger the darker.		
015	GY Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding G (to Y) Phase. Larger the darker.		
016	GY Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding G (to Y) Phase. Larger the darker.		

017	GC Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of G (to C) Phase.		
018	GC Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding G (to C) Phase. Larger the darker.		
019	GC Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding G (to C) Phase. Larger the darker.		
020	GC Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding G (to C) Phase. Larger the darker.		
021	CG Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of C (to G) Phase.		
022	CG Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding C (to G) Phase. Larger the darker.		
023	CG Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding C (to G) Phase. Larger the darker.		
024	CG Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding C (to G) Phase. Larger the darker.		

025	CB Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of C (to B) Phase.		
026	CB Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding C (to B) Phase. Larger the darker.		
027	CB Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding C (to B) Phase. Larger the darker.		
028	CB Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding C (to B) Phase. Larger the darker.		
029	BC Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of B (to C) Phase.		
030	BC Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding B (to C) Phase. Larger the darker.		
031	BC Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding B (to C) Phase. Larger the darker.		
032	BC Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding B (to C) Phase. Larger the darker.		

033	BM Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of B (to M) Phase.		
034	BM Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding B (to M) Phase. Larger the darker.		
035	BM Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding B (to M) Phase. Larger the darker.		
036	BM Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding B (to M) Phase. Larger the darker.		
037	MB Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of M (to B) Phase.		
038	MB Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding M (to B) Phase. Larger the darker.		
039	MB Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding M (to B) Phase. Larger the darker.		
040	MB Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding M (to B) Phase. Larger the darker.		

041	MR Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of M (to R) Phase.		
042	MR Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding M (to R) Phase. Larger the darker.		
043	MR Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding M (to R) Phase. Larger the darker.		
044	MR Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding M (to R) Phase. Larger the darker.		
045	RM Phase: Option	*ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of R (to M) Phase.		
046	RM Phase: R	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding R (to M) Phase. Larger the darker.		
047	RM Phase: G	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding R (to M) Phase. Larger the darker.		
048	RM Phase: B	*ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding R (to M) Phase. Larger the darker.		

049	WHITE: Option	* ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of highlight area.		
050	WHITE:R	* ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding highlight area. Larger the darker.		
051	WHITE:G	* ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding highlight area. Larger the darker.		
052	WHITE:B	* ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding highlight area. Larger the darker.		
053	BLACK: Option	* ENG	[0 to 255 / 0 / 1/step] 0:OFF 1:ON
	Sets ON/OFF (0: OFF, 1: ON) for copy output color adjust (each corresponding picture quality mode) of shadow area.		
054	BLACK:R	* ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (C ingredient) corresponding shadow area. Larger the darker.		
055	BLACK:G	* ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (M ingredient) corresponding shadow area. Larger the darker.		
056	BLACK:B	* ENG	[-256 to 255 / 0 / 1/step]
	Adjusts Value (-256 to +255) for copy output color (Y ingredient) corresponding shadow area. Larger the darker.		
4550	[Scan Apli:Txt/Print]		

005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / <b>8</b> / 1/step]
	Sets emphasis level for Scan Apli: Text/Chart mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>4</b> / 1/step]
	Sets Smoothing level for Scan Apli: Text/ Chart mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Text/ Chart mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Text/ Chart mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>0</b> / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Text/ Chart mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4551</b>	<b>[Scan Apli:Txt]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / <b>8</b> / 1/step]
	Sets emphasis level for Scan Apli: Text mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>4</b> / 1/step]
	Sets Smoothing level for Scan Apli: Text mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Text mode. 128 is for No Correction, Larger the value, the Brighter.		

008	Contrast: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Text mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>0</b> / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Text mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4552</b>	<b>[Scan Apli:Txt Dropout]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / <b>8</b> / 1/step]
	Sets emphasis level for Scan Apli: Text (Drop Out Color) mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>4</b> / 1/step]
	Sets Smoothing level for Scan Apli: Text (Drop Out Color) mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Text (Drop Out Color) mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Text (Drop Out Color) mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>0</b> / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Text (Drop Out Color) mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4553</b>	<b>[Scan Apli:Txt/Photo]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / <b>8</b> / 1/step]
	Sets emphasis level for Scan Apli: Text/Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		



006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for Scan Apli: Text/Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Text/Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Text/Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Text/Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4554</b>	<b>[Scan Apli:Photo]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for Scan Apli: Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for Scan Apli: Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		

009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4565</b>	<b>[Scan Apli:GrayScale]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for Scan Apli: GrayScale mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for Scan Apli: GrayScale mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: GrayScale mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: GrayScale mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for Scan Apli: GrayScale mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4570</b>	<b>[Scan Apli:Col Txt/Photo]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for Scan Apli: Color Text/Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		

006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>4</b> / 1/step]
	Sets Smoothing level for Scan Apli: Color Text/Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Color Text/Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Color Text/Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>0</b> / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Color Text/Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4571</b>	<b>[Scan Apli:Col Gloss Photo]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / <b>8</b> / 1/step]
	Sets emphasis level for Scan Apli: Color Gloss Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>4</b> / 1/step]
	Sets Smoothing level for Scan Apli: Color Gloss Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Color Gloss Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Color Gloss Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		

009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Color Gloss Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		

**4572 [Scan Apli:AutoCol]**

005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for Scan Apli: Auto Color mode. 0 is for OFF, Larger the value, Stronger the emphasis.		

006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for Scan Apli: Auto Color mode. 0 is for OFF, Larger the value, the Smoother.		

007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for Scan Apli: Auto Color mode. 128 is for No Correction, Larger the value, the Brighter.		

008	Contrast: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Contrast level (1 to 255) for Scan Apli: Auto Color mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		

009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for Scan Apli: Auto Color mode. 0 is for OFF, Larger the value, Stronger the Erase.		

**4580 [Fax Apli:Txt/Chart]**

005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for FAX Apli: Text/Chart mode. 0 is for OFF, Larger the value, Stronger the emphasis.		

006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for FAX Apli: Text/Chart mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Text/Chart mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Text/Chart mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Text/Chart mode. 0 is for OFF, Larger the value, Stronger the Erase.		
010	Texture Erase: 0	*ENG	[0 to 2 / 0 / 1/step]
	Sets Texture Erase for FAX Apli: Text/Chart mode. 0: Fixed Threshold, 1: Variable Threshold, 2: Variable Threshold (Threshold type used for 1 and 2 are different)		

<b>4581</b>	<b>[Fax Apli:Txt]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for FAX Apli: Text mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for FAX Apli: Text mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Text mode. 128 is for No Correction, Larger the value, the Brighter.		

008	Contrast: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Text mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>0</b> / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Text mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4582</b>	<b>[Fax Apli:Txt/Photo]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / <b>8</b> / 1/step]
	Sets emphasis level for FAX Apli: Text/Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>4</b> / 1/step]
	Sets Smoothing level for FAX Apli: Text/Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Text/Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / <b>128</b> / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Text/Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / <b>0</b> / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Text/Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		
010	Texture Erase: 0	*ENG	[0 to 2 / <b>0</b> / 1/step]
	Sets Texture Erase for FAX Apli: Text/Photo mode. 0: Fixed Threshold, 1: Variable Threshold, 2: Variable Threshold (Threshold type used for 1 and 2 are different)		

<b>4583</b>	<b>[Fax Apli:Photo]</b>		
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005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for FAX Apli: Photo mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for FAX Apli: Photo mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Photo mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Photo mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Photo mode. 0 is for OFF, Larger the value, Stronger the Erase.		
010	Texture Erase: 0	*ENG	[0 to 2 / 0 / 1/step]
	Sets Texture Erase for FAX Apli: Photo mode. 0: Fixed Threshold, 1: Variable Threshold, 2: Variable Threshold (Threshold type used for 1 and 2 are different)		

<b>4584</b>	<b>[Fax Apli:Original 1]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for FAX Apli: Special Original 1 mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for FAX Apli: Special Original 1 mode. 0 is for OFF, Larger the value, the Smoother.		

007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Special Original 1 mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Special Original 1 mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Ind Dot Erase: 0(Off) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Special Original 1 mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4585</b>	<b>[Fax Apli:Original 2]</b>		
005	MTF: 0(Off) 1-15 (Weak-Strong)	*ENG	[0 to 15 / 8 / 1/step]
	Sets emphasis level for FAX Apli: Special Original 2 mode. 0 is for OFF, Larger the value, Stronger the emphasis.		
006	Smoothing: 0(x1) 1-7 (Weak-Strong)	*ENG	[0 to 7 / 4 / 1/step]
	Sets Smoothing level for FAX Apli: Special Original 2 mode. 0 is for OFF, Larger the value, the Smoother.		
007	Brightness: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Brightness level (1 to 255) for FAX Apli: Special Original 2 mode. 128 is for No Correction, Larger the value, the Brighter.		
008	Contrast: 1-255	*ENG	[1 to 255 / 128 / 1/step]
	Sets Contrast level (1 to 255) for FAX Apli: Special Original 2 mode. 128 is for No Correction, Larger the value, Stronger the Contrast.		
009	Independent Dot Erase (0)/ 1-7 (Strong)	*ENG	[0 to 7 / 0 / 1/step]
	Sets Independent Dot Erase level for FAX Apli: Special Original 2 mode. 0 is for OFF, Larger the value, Stronger the Erase.		

<b>4600</b>	<b>[SBU Version Display]</b>		
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001	SBU ID	ENG	[0x00 to 0xFF / 0 / 1/step]
	In case of SBU's ID is irregular due to SBU malfunction, or wrong part is set, sets a cause flag to SP 4-647-001 and makes SC 144-00.		
002	SCAT ID	ENG	[0x00 to 0xFF / 0 / 1/step]
	Displays ID of SBU (SCAT). In case of SBU's ID is irregular due to SBU malfunction, or wrong part is set, sets a cause flag to SP 4-647-001 and makes SC 144-00.		

4602	<b>[Scanner Memory Access]</b>		
	Read/Writes register of ASIC: GASBU mount to SBU. Use for design evaluation/failure analysis.		
001	-	ENG	[0x000000 to 0xFFFFF / 0x000000 / -]
002	Scanner Memory Access	ENG	[0x0 to 0x000000FF / 0x000000 / -]
003	Data Set	ENG	-

4603	<b>[Auto Adjustment Operation]</b>		
	Runs SBU adjustment (light quantity adjust, SSCG correct, checking back level, adjusting white level) normally done when scanner powers on from SP. Use for process adjust/design evaluation/error analyze.		
001	HP Detection Enable	ENG	[0 or 1 / 0 / 1/step]
002	HP Detection Disable	ENG	[0 or 1 / 0 / 1/step]

4604	<b>[FGATE Open/Close]</b>		
001		ENG	[0 or 1 / 0 / 1/step] 0: OFF 1: ON
	Used for to forcedly open/close FGATE to input scanner image data when doing scanner optical adjustment during the process. Use for process adjust/design evaluation/error analyze.		

<b>4609</b>	<b>[Gray Balance Set: R]</b>		
001	Book Scan	*ENG	[-384 to 255 / -100 / 1 digit/step]
	Displays/Saves gray balance adjustment value (RED) of scanners face side (Book). Adjusted value during the scanner unit Warranty process is saved.		
002	DF Scan	*ENG	[-384 to 255 / -100 / 1 digit/step]
	Displays/Saves gray balance adjustment value (RED) of scanners face side (ADF). Adjusted value during the scanner unit Warranty process is saved.		
	 <b>Note</b> <ul style="list-style-type: none"> <li>Gray balance adjustment value of DF scan can be corrected with SP4-688-001/002: DF density adjust. (temperature difference correction of Book scan and DF face side scan)</li> </ul>		

<b>4610</b>	<b>[Gray Balance Set: G]</b>		
001	Book Scan	*ENG	[-384 to 255 / -100 / 1 digit/step]
	Displays/Saves gray balance adjustment value (GREEN) of scanners face side (Book). Adjusted value during the scanner unit Warranty process is saved.		
002	DF Scan	*ENG	[-384 to 255 / -100 / 1 digit/step]
	Displays/Saves gray balance adjustment value (GREEN) of scanners face side (ADF). Adjusted value during the scanner unit Warranty process is saved.		
	 <b>Note</b> <ul style="list-style-type: none"> <li>Gray balance adjustment value of DF scan can be corrected with SP4-688-001/002: DF density adjust. (temperature difference correction of Book scan and DF face side scan)</li> </ul>		

<b>4611</b>	<b>[Gray Balance Set: B]</b>		
001	Book Scan	*ENG	[-384 to 255 / -100 / 1 digit/step]
	Displays/Saves gray balance adjustment value (BLUE) of scanners face side (Book). Adjusted value during the scanner unit Warranty process is saved.		

	DF Scan	*ENG	[-384 to 255 / -100 / 1 digit/step]
002	<p>Displays/Saves gray balance adjustment value (BLUE) of scanners face side (ADF). Adjusted value during the scanner unit Warranty process is saved.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>Gray balance adjustment value of DF scan can be corrected with SP4-688-001/002: DF density adjust. (temperature difference correction of Book scan and DF face side scan)</li> </ul>		

<b>4635</b>	<b>[SSCG Correction Set]</b>		
001	Mode Selection	*ENG	<p>[0 to 3 / 1 / 1/step]</p> <p>0: Do not noise correct SSCG. 1: Only adjust analog (initial value) 2: Only adjust digital 3: Adjust both analog/digital</p>
	<p>Selects SSCG noise correction mode.</p> <p>Use when setting SSCG adjust OFF as a temporarily proceed when SSCG does not work correctly due to an unexpected malfunction.</p> <p>Temporarily use if by changing settings improves wide stripes, side stripes caused by scanner when SSCG correction does not work correctly.</p>		

<b>4637</b>	<b>[SSCG Correction Value (Ana.)]</b>		
001	Latest:RE	ENG	[-31 to 31 / 0 / 1 digit/step]
	<p>Displays SSCG analog correction value (F Side/RED/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).</p>		
002	Latest:RO	ENG	[-31 to 31 / 0 / 1 digit/step]
	<p>Displays SSCG analog correction value (F Side/RED/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).</p>		

003	Latest:GE	ENG	[-31 to 31 / 0 / 1 digit/step]
	Displays SSCG analog correction value (F Side/GREEN/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
004	Latest:GO	ENG	[-31 to 31 / 0 / 1 digit/step]
	Displays SSCG analog correction value (F Side/GREEN/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
005	Latest:BE	ENG	[-31 to 31 / 0 / 1 digit/step]
	Displays SSCG analog correction value (F Side/BLUE/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
006	Latest:BO	ENG	[-31 to 31 / 0 / 1 digit/step]
	Displays SSCG analog correction value (F Side/BLUE/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

<b>4638</b>	<b>[SSCG Correction Value (Dig.)]</b>		
001	Latest:RE	*ENG	[-255 to 255 / 0 / 1 digit/step]
	Displays SSCG Digital correction value (F Side/RED/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
002	Latest:RO	*ENG	[-255 to 255 / 0 / 1 digit/step]
	Displays SSCG Digital correction value (F Side/RED/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

003	Latest:GE	*ENG	[-255 to 255 / 0 / 1 digit/step]
	Displays SSCG Digital correction value (F Side/GREEN/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
004	Latest:GO	*ENG	[-255 to 255 / 0 / 1 digit/step]
	Displays SSCG Digital correction value (F Side/GREEN/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
005	Latest:BE	*ENG	[-255 to 255 / 0 / 1 digit/step]
	Displays SSCG Digital correction value (F Side/BLUE/EVEN pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
006	Latest:BO	*ENG	[-255 to 255 / 0 / 1 digit/step]
	Displays SSCG Digital correction value (F Side/BLUE/ODD pixel). Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

<b>4639</b>	<b>[SSCG Noise Cancel (Ana.)]</b>		
001	Factory Setting:RE	*ENG	[-31 to 31 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/RED/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
002	Factory Setting:RO	*ENG	[-31 to 31 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/RED/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		

003	Factory Setting:GE	*ENG	[-31 to 31 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/GREEN/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
004	Factory Setting:GO	*ENG	[-31 to 31 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/GREEN/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
005	Factory Setting:BE	*ENG	[-31 to 31 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/BLUE/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
006	Factory Setting:BO	*ENG	[-31 to 31 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Analog correction value (F Side/BLUE/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		

<b>4640</b>	<b>[SSCG Correction Value (Dig.)]</b>		
001	Factory Setting:RE	ENG	[-255 to 255 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/RED/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
002	Factory Setting:RO	ENG	[-255 to 255 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/RED/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		

003	Factory Setting:GE	ENG	[-255 to 255 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/GREEN/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
004	Factory Setting:GO	ENG	[-255 to 255 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/GREEN/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
005	Factory Setting:BE	ENG	[-255 to 255 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/BLUE/EVEN pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		
006	Factory Setting:BO	ENG	[-255 to 255 / 0 / 1 digit/step]
	Display/Saves Factory SSCG Digital correction value (F Side/BLUE/ODD pixel). Adjusted SSCG correction Value during the main unit warranty process is saved. Use for analyzing malfunction, comparing factory / current value.		

<b>4641</b>	<b>[SSCG Noise Amplitude]</b>		
001	RE	ENG	[0 to 1023 / 0 / 1 digit/step]
	Displays SSCG Nose Amplitude (F Side/RED/EVEN pixel) when adjusting SSCG. Correction value will be decided depending on detected Noise Amplitude when adjusting. Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		
002	RO	ENG	[0 to 1023 / 0 / 1 digit/step]
	Displays SSCG Nose Amplitude (F Side/RED/ODD pixel) when adjusting SSCG. Correction value will be decided depending on detected Noise Amplitude when adjusting. Adjustment will be done when scanner turns on. Use for design evaluation, analyzing malfunction (abnormal images).		

003	GE	ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays SSCG Nose Amplitude (F Side/GREEN/EVEN pixel) when adjusting SSCG.                  Correction value will be decided depending on detected Noise Amplitude when adjusting.                  Adjustment will be done when scanner turns on.                  Use for design evaluation, analyzing malfunction (abnormal images).</p>		
004	GO	ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays SSCG Nose Amplitude (F Side/GREEN/ODD pixel) when adjusting SSCG.                  Correction value will be decided depending on detected Noise Amplitude when adjusting.                  Adjustment will be done when scanner turns on.                  Use for design evaluation, analyzing malfunction (abnormal images).</p>		
005	BE	ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays SSCG Nose Amplitude (F Side/BLUE/EVEN pixel) when adjusting SSCG.                  Correction value will be decided depending on detected Noise Amplitude when adjusting.                  Adjustment will be done when scanner turns on.                  Use for design evaluation, analyzing malfunction (abnormal images).</p>		
006	BO	ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays SSCG Nose Amplitude (F Side/BLUE/ODD pixel) when adjusting SSCG.                  Correction value will be decided depending on detected Noise Amplitude when adjusting.                  Adjustment will be done when scanner turns on.                  Use for design evaluation, analyzing malfunction (abnormal images).</p>		
4646	<b>[Scan Adjust Error]</b>		
	Displays error value of scanning adjustment.		



001	White level	ENG	<p>[0 to 65535 / 0 / 1/step]</p> <p>Bit15:Unused</p> <p>Bit14: Unused</p> <p>Bit13:White level abnormal (F side/RED/EVEN pixel)</p> <p>Bit12: White level abnormal (F side /RED/ODD pixel)</p> <p>Bit11: White level abnormal (F side / GREEN/EVEN pixel)</p> <p>Bit10: White level abnormal (F side / GREEN/ODD pixel)</p> <p>Bit9: White level abnormal (F side / BLUE/EVEN pixel)</p> <p>Bit8:White level abnormal (F side / BLUE/ODD pixel)</p> <p>Bit7: Unused</p> <p>Bit6: Unused</p> <p>Bit5:gain abnormal (F side /RED/EVEN pixel)</p> <p>Bit4: gain abnormal (F side /RED/ODD pixel)</p> <p>Bit3: gain abnormal (F side /GREEN/ EVEN pixel)</p> <p>Bit2: gain abnormal (F side / GREEN/ODD pixel)</p> <p>Bit1: gain abnormal (F side /BLUE/ EVEN pixel)</p> <p>Bit0: gain abnormal (F side / BLUE/ODD pixel)</p>
<p>Shows cause of error when an error occurs during the white level adjustment when scanner turns on.</p> <p>When an error, SC142-00(F side/white level adjustment error)will be given.[format] binary</p> <p>Scan adjust error (F side/White level) flag= (b15,b14,b13,b12,b11,b10,b9,b8,b7,b6,b5,b4,b3,b2,b1,b0)</p>			

002	Black level	ENG	<p>[0 to 65535 / 0 / 1/step]</p> <p>Bit7: Unused</p> <p>Bit6: Unused</p> <p>Bit5: Black level abnormal (F side/RED/EVEN Pixel)</p> <p>Bit4: Black level abnormal (F side /RED/ODD Pixel)</p> <p>Bit3: Black level abnormal (F side / GREEN/EVEN Pixel)</p> <p>Bit2: Black level abnormal (F side / GREEN/ODD Pixel)</p> <p>Bit1: Black level abnormal (F side / BLUE/EVEN Pixel)</p> <p>Bit0: Black level abnormal (F side / BLUE/ODD Pixel)</p>
<p>Shows cause of error when an error occurs With the Black level check when scanner turns on.</p> <p>When an error, SC141-00(F side/Black level adjustment error) will be given.</p> <p>[format] binary</p> <p>Scan adjust error (F side/Black level) flag=(b7,b6,b5,b4,b3,b2,b1,b0)</p>			

003	SSCG Correction	ENG	<p>[0 to 65535 / 0 / 1/step]</p> <p>Bit7: Unused</p> <p>Bit6: Unused</p> <p>Bit5: SSCG correction error (Fside/RED/EVEN Pixel)</p> <p>Bit4: SSCG correction error (Fside/RED/ODD Pixel)</p> <p>Bit3: SSCG correction error (Fside/GREEN/EVEN Pixel)</p> <p>Bit2: SSCG correction error (Fside/GREEN/ODD Pixel)</p> <p>Bit1: SSCG correction error (Fside/BLUE/EVEN Pixel)</p> <p>Bit0: SSCG correction error (Fside/BLUE/ODD Pixel)</p>
<p>Shows cause of error when an error occurs With the SSCG Noise correction when scanner turns on.</p> <p>When an error, Correction turns off.</p> <p>[format] binary</p> <p>Scan adjust error (F side/SSCG correction) flag= (b7,b6,b5,b4,b3,b2,b1,b0)</p>			
4647	<p><b>[Scanner Hard Error]</b></p> <p>Displays result of SBU connection check.</p>		

001	Power-ON	ENG	<p>[0 to 65535 / 0 / 1/step]</p> <p>Bit15: Unused</p> <p>Bit14:SBU hardware error (Power ON/un-reset error)</p> <p>Bit13:SBU hardware error (Serial communication error: F side)</p> <p>Bit12:SBU hardware error (Reset error: F side)</p> <p>Bit11: Unused</p> <p>Bit10: Unused</p> <p>Bit9:SBU hardware error (Version error)</p> <p>Bit8: Unused</p> <p>Bit7: Unused</p> <p>Bit6: Unused</p> <p>Bit5:SBU hardware error (Serial communication error: L side)</p> <p>Bit4:SBU hardware error (Reset error:Lside)</p> <p>Bit3: Unused</p> <p>Bit2: Unused</p> <p>Bit1: Unused</p>
	<p>Shows cause of error when an error occurs with the SBU connection detect when Scanner turns on..</p> <p>When an error, SC144-00 (SBU Communication error) will be given.</p> <p>[format] binary</p> <p>Scan adjust error (SSCG correction) flag= (b15,b14,b13,b12,b11,b10,b9,b8,b7,b6,b5,b4,b3,b2,b1,b0)</p>		

<b>4651</b>	<b>[Black Level Adj. Value (Ana.)]</b>		
001	Latest: RE Color	ENG	[0 to 127 / 0 / 1 digit/step]
	<p>Displays black level analog adjustment value (RED/EVEN pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

	Latest: RO Color	ENG	[0 to 127 / 0 / 1 digit/step]
002	<p>Displays black level analog adjustment value (RED/ODD pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4652</b>	<b>[Black Level Adj. Value (Ana.)]</b>		
	Latest: GE Color	ENG	[0 to 127 / 0 / 1 digit/step]
001	<p>Displays black level analog adjustment value (GREEN/EVEN pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
	Latest: GO Color	ENG	[0 to 127 / 0 / 1 digit/step]
002	<p>Displays black level analog adjustment value (GREEN/ODD pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4653</b>	<b>[Black Level Adj. Value (Ana.)]</b>		
	Latest: BE Color	ENG	[0 to 127 / 0 / 1 digit/step]
001	<p>Displays black level analog adjustment value (BLUE/EVEN pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
	Latest: BO Color	ENG	[0 to 127 / 0 / 1 digit/step]
002	<p>Displays black level analog adjustment value (BLUE/ODD pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

4654	[Black Level Adj. Value (Dig.)]		
001	Latest: RE Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	<p>Displays black level digital adjustment value (RED/EVEN pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Latest: RO Color	*ENG	0 to 16383 / 0 / 1digit/step]
	<p>Displays black level digital adjustment value (RED/ODD pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

4655	[Black Level Adj. Value (Dig.)]		
001	Latest: GE Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	<p>Displays black level digital adjustment value (GREEN/EVEN pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Latest: GO Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	<p>Displays black level digital adjustment value (GREEN/ODD pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

4656	[Black Level Adj. Value (Dig.)]		
001	Latest: BE Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	<p>Displays black level digital adjustment value (BLUE/EVEN pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

	Latest: BO Color	*ENG	[0 to 16383 / 0 / 1 digit/step]
002	<p>Displays black level digital adjustment value (BLUE/ODD pixel).</p> <p>Black level adjust is regularly done hardwarely by ASIC (SCAT) of SBU.</p> <p>Adjusted value will be given from checking the black level when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4658</b>	<b>[Analog Gain Adjust]</b>		
	Latest: R Color	*ENG	[0 to 14 / 0 / 1 digit/step]
001	<p>Displays analog gain adjustment value (RED pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4659</b>	<b>[Analog Gain Adjust]</b>		
	Latest: G Color	*ENG	[0 to 14 / 0 / 1 digit/step]
001	<p>Displays analog gain adjustment value (GREEN pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4660</b>	<b>[Analog Gain Adjust]</b>		
	Latest: B Color	*ENG	[0 to 14 / 0 / 1 digit/step]
001	<p>Displays analog gain adjustment value (BLUE pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4661</b>	<b>[Digital Gain Adjust]</b>		
001	Latest: RE Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays digital gain adjustment value (RED/EVEN pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Latest: RO Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays digital gain adjustment value (RED/ODD pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4662</b>	<b>[Digital Gain Adjust]</b>		
001	Latest: GE Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays digital gain adjustment value (GREEN/EVEN pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Latest: GO Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays digital gain adjustment value (GREEN/ODD pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		



<b>4663</b>	<b>[Digital Gain Adjust]</b>		
001	Latest: BE Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays digital gain adjustment value (BLUE/EVEN pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Latest: BO Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays digital gain adjustment value (BLUE/ODD pixel).</p> <p>White level adjust is done when scanner powers ON to keep the dynamic range of image signal.</p> <p>Image signal will be amplified or attenuated with white level adjust, therefore gain adjust will be done by ASIC (SCAT) of SBU hardwarely, and adjusted value will be given.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
<b>4670</b>	<b>[Black Level Adj. Value (Ana.)]</b>		
001	Factory Setting: RE Color	*ENG	[0 to 127 / 0 / 1 digit/step]
	<p>Displays/Saves factory default black level analog adjust value (RED/EVEN pixel).</p> <p>Factory default black level analog adjustment value is saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Factory Setting: RO Color	*ENG	[0 to 127 / 0 / 1 digit/step]
	<p>Displays/Saves factory default black level analog adjust value (RED/ODD pixel).</p> <p>Factory default black level analog adjustment value is saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
<b>4671</b>	<b>[Black Level Adj. Value (Ana.)]</b>		

001	Factory Setting: GE Color	*ENG	[0 to 127 / 0 / 1 digit/step]
	Displays/Saves factory default black level analog adjust value (GREEN/EVEN pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: GO Color	*ENG	[0 to 127 / 0 / 1 digit/step]
	Displays/Saves factory default black level analog adjust value (GREEN/ODD pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4672</b>	<b>[Black Level Adj. Value (Ana.)]</b>		
001	Factory Setting: BE Color	*ENG	[0 to 127 / 0 / 1 digit/step]
	Displays/Saves factory default black level analog adjust value (BLUE/EVEN pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: BO Color	*ENG	[0 to 127 / 0 / 1 digit/step]
	Displays/Saves factory default black level analog adjust value (BLUE/ODD pixel). Factory default black level analog adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4673</b>	<b>[Black Level Adj. Value (Dig.)]</b>		
001	Factory Setting: RE Color	*ENG	[0 to 16383 / 0 / 1 digit/step]
	Displays/Saves factory default black level digital adjust value (RED/EVEN pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

002	Factory Setting: RO Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	Displays/Saves factory default black level digital adjust value (RED/ODD pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4674</b>	<b>[Black Level Adj. Value (Dig.)]</b>		
001	Factory Setting: GE Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	Displays/Saves factory default black level digital adjust value (GREEN/EVEN pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: GO Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	Displays/Saves factory default black level digital adjust value (GREEN/ODD pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4675</b>	<b>[Black Level Adj. Value (Dig.)]</b>		
001	Factory Setting: BE Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	Displays/Saves factory default black level digital adjust value (BLUE/EVEN pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: BO Color	*ENG	[0 to 16383 / 0 / 1digit/step]
	Displays/Saves factory default black level digital adjust value (BLUE/ODD pixel). Factory default black level digital adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4677</b>	<b>[Analog Gain Adjust]</b>		
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001	Factory Setting: R Color	*ENG	[0 to 14 / 0 / 1 digit/step]
	Displays/Saves factory default analog gain adjust value (RED pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4678</b>	<b>[Analog Gain Adjust]</b>		
001	Factory Setting: G Color	*ENG	[0 to 14 / 0 / 1 digit/step]
	Displays/Saves factory default analog gain adjust value (GREEN pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4679</b>	<b>[Analog Gain Adjust]</b>		
001	Factory Setting: B Color	*ENG	[0 to 14 / 0 / 1 digit/step]
	Displays/Saves factory default analog gain adjust value (BLUE pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4680</b>	<b>[Digital Gain Adjust]</b>		
001	Factory Setting: RE Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	Displays/Saves factory default digital gain adjust value (RED/EVEN pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: RO Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	Displays/Saves factory default digital gain adjust value (RED/ODD pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		

<b>4681</b>	<b>[Digital Gain Adjust]</b>		
001	Factory Setting: GE Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	Displays/Saves factory default digital gain adjust value (GREEN/EVEN pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: GO Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	Displays/Saves factory default digital gain adjust value (GREEN/ODD pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
<b>4682</b>	<b>[Digital Gain Adjust]</b>		
001	Factory Setting: BE Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	Displays/Saves factory default digital gain adjust value (BLUE/EVEN pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
002	Factory Setting: BO Color	*ENG	[0 to 1023 / 0 / 1 digit/step]
	Displays/Saves factory default digital gain adjust value (BLUE/ODD pixel). Factory default analog gain adjustment value is saved during the main unit warranty process. Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).		
<b>4688</b>	<b>[DF Density Adjustment]</b>		
001	ARDF	*ENG	[80 to 120 / 106 / 1 %/step] Value increase: ADF density deeper. Value decrease: ADF density thinner.
	For Oversetters only. Adjusts density difference between Book and ADF.		
<b>4688</b>	<b>[Scan Image Density Adjustment]</b>		

002	1-pass DF	*ENG	[80 to 120 / <b>103</b> / 1 %/step]
	For Single-Pass simultaneous duplex models only. Adjusts density difference between Book and ADF.		
<b>4690</b>	<b>[White Level Peak Read]</b>		
001	RE	ENG	[0 to 1023 / <b>0</b> / 1 digit/step]
	<p>Displays white level peak scanning value (RED/EVEN pixel).</p> <p>White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.</p> <p>Scanning level of white reference plate from white level adjusting is given.</p> <p>When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	RO	ENG	[0 to 1023 / <b>0</b> / 1 digit/step]
	<p>Displays white level peak scanning value (RED/ODD pixel).</p> <p>White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.</p> <p>Scanning level of white reference plate from white level adjusting is given.</p> <p>When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
<b>4691</b>	<b>[White Level Peak Read]</b>		

	GE	ENG	[0 to 1023 / 0 / 1 digit/step]
001	<p>Displays white level peak scanning value (GREEN/EVEN pixel).</p> <p>White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.</p> <p>Scanning level of white reference plate from white level adjusting is given.</p> <p>When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
	GO	ENG	[0 to 1023 / 0 / 1 digit/step]
002	<p>Displays white level peak scanning value (GREEN/ODD pixel).</p> <p>White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.</p> <p>Scanning level of white reference plate from white level adjusting is given.</p> <p>When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4692</b>	<b>[White Level Peak Read]</b>		
	BE	ENG	[0 to 1023 / 0 / 1 digit/step]
001	<p>Displays white level peak scanning value (BLUE/EVEN pixel).</p> <p>White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.</p> <p>Scanning level of white reference plate from white level adjusting is given.</p> <p>When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

	BO	ENG	[0 to 1023 / 0 / 1 digit/step]
002	<p>Displays white level peak scanning value (BLUE/ODD pixel).</p> <p>White level adjust is done by scanning the white reference plate when scanner powers ON to keep the dynamic range of image signal.</p> <p>Scanning level of white reference plate from white level adjusting is given.</p> <p>When white level peak scanning value is an error (adjustment not finishing correctly) SC142-00 is given.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4693</b>	<b>[Black Level Peak Read]</b>		
	RE	ENG	[0 to 1023 / 0 / 1 digit/step]
001	<p>Displays black level scanning value (RED/EVEN pixel).</p> <p>Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.</p> <p>Check whether the offset adjustment of SBU (SCAT) is working correctly.</p> <p>Gives SC141-00 if the black level scanning value is an error.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
	RO	ENG	[0 to 1023 / 0 / 1 digit/step]
002	<p>Displays black level scanning value (RED/ODD pixel).</p> <p>Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.</p> <p>Check whether the offset adjustment of SBU (SCAT) is working correctly.</p> <p>Gives SC141-00 if the black level scanning value is an error.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4694</b>	<b>[Black Level Peak Read]</b>		
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001	GE	ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays black level scanning value (GREEN/EVEN pixel).</p> <p>Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.</p> <p>Check whether the offset adjustment of SBU (SCAT) is working correctly.</p> <p>Gives SC141-00 if the black level scanning value is an error.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	GO	ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays black level scanning value (GREEN/EVEN pixel).</p> <p>Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.</p> <p>Check whether the offset adjustment of SBU (SCAT) is working correctly.</p> <p>Gives SC141-00 if the black level scanning value is an error.</p> <p>Cause of error will be displayed on SP4-646-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

4695	<b>[Black Level Peak Read]</b>		
	-		
001	BE	ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays black level scanning value (BLUE/EVEN pixel).</p> <p>Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.</p> <p>Check whether the offset adjustment of SBU (SCAT) is working correctly.</p> <p>Gives SC141-00 if the black level scanning value is an error.</p> <p>Cause of error will be displayed on SP4-646-002.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

	BO	ENG	[0 to 1023 / 0 / 1 digit/step]
002	<p>Displays black level scanning value (BLUE/ODD pixel).</p> <p>Black level check is done when scanner powers ON, then offset level of image signal is checked and that value will be given.</p> <p>Check whether the offset adjustment of SBU (SCAT) is working correctly.</p> <p>Gives SC141-00 if the black level scanning value is an error.</p> <p>Cause of error will be displayed on SP4-646-002.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

4698	<b>[Factory Setting Input]</b>		
	-		
001	On/Off	*ENG	[0 to 1 / 0 / 1/step]

4699	<b>[SBU Test Pattern Change]</b>		
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001	-	ENG	[0 to 255 / 0 / 1/step]

4795	<b>[CIS Black Level Data: B]</b>		
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	<p>Displays black level; data of CIS.</p> <p>When DF powers ON, black level of CIS is checked, then detect the black level per chip and display scanning level.</p> <p>Cause of error will be displayed on SP4-745-001.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
001	Chip1	ENG	[0 to 255 / 0 / 1 digit/step]
002	Chip2	ENG	[0 to 255 / 0 / 1 digit/step]
003	Chip3	ENG	[0 to 255 / 0 / 1 digit/step]
004	Chip4	ENG	[0 to 255 / 0 / 1 digit/step]
005	Chip5	ENG	[0 to 255 / 0 / 1 digit/step]
006	Chip6	ENG	[0 to 255 / 0 / 1 digit/step]

007	Chip7	ENG	[0 to 255 / 0 / 1 digit/step]
008	Chip8	ENG	[0 to 255 / 0 / 1 digit/step]
009	Chip9	ENG	[0 to 255 / 0 / 1 digit/step]
010	Chip10	ENG	[0 to 255 / 0 / 1 digit/step]
011	Chip11	ENG	[0 to 255 / 0 / 1 digit/step]
012	Chip12	ENG	[0 to 255 / 0 / 1 digit/step]
013	Chip13	ENG	[0 to 255 / 0 / 1 digit/step]
014	Chip14	ENG	[0 to 255 / 0 / 1 digit/step]
015	Chip15	ENG	[0 to 255 / 0 / 1 digit/step]
016	Chip16	ENG	[0 to 255 / 0 / 1 digit/step]
017	Chip17	ENG	[0 to 255 / 0 / 1 digit/step]
018	Chip18	ENG	[0 to 255 / 0 / 1 digit/step]
019	Chip19	ENG	[0 to 255 / 0 / 1 digit/step]
020	Chip20	ENG	[0 to 255 / 0 / 1 digit/step]
021	Chip21	ENG	[0 to 255 / 0 / 1 digit/step]
022	Chip22	ENG	[0 to 255 / 0 / 1 digit/step]
023	Chip23	ENG	[0 to 255 / 0 / 1 digit/step]
024	Chip24	ENG	[0 to 255 / 0 / 1 digit/step]

4796	[Low Density Color Correction]
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	Front Side	*ENG	[0 to 3 / 0 / 1/step] 0: OFF 1: WEAK 2: MEDIUM 3: STRONG
001	<p>Corrects low chroman area of front side.</p> <p>With Single-Pass duplex models, coloring might change between the front side and the rear side of the gray half tone area, due to scanning system difference.</p> <p>if user points out this difference, by changing this setting, difference can be reduced.</p> <p>Adjusts intensity of correction depending on coloring difference.</p> <p>For a side effect, low chroman area's reproducibility will spoil as stronger the intensity gets.</p>		
	Rear Side	*ENG	[0 to 3 / 0 / 1/step] 0: OFF 1: WEAK 2: MEDIUM 3: STRONG
002	<p>Corrects low chroman area of rear side.</p> <p>With Single-Pass duplex models, coloring might change between the front side and the rear side of the gray half tone area, due to scanning system difference.</p> <p>if user points out this difference, by changing this setting, difference can be reduced.</p> <p>Adjusts intensity of correction depending on coloring difference.</p> <p>For a side effect, low chroman area's reproducibility will spoil as stronger the intensity gets.</p>		

<b>4797</b>	<b>[Rear Side: Digital AE]</b>		
	Low Limit Setting	*ENG	[0 to 1023 / 364 / 1/step]
001	Sets lower limit threshold to detect background when scanning with DF rear. Considers as background when an area of input image is brighter (larger value) than threshold.		
	Background Erase Level	*ENG	[512 to 1535 / 932 / 1/step]
002	Sets background level to decide output value of background erase when scanning with DF rear. As the value enlarges, gets thinner.		

<b>4798</b>	<b>[CIS LED Duty]</b>		
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001	-	*ENG	[0 to 65535 / 0 / 1/step]
	<p>Displays/Saves LED lighting Duty of CIS.</p> <p>Value set with the shipping test of CIS is saved.</p> <p>Normally do not change setting.</p>		

<b>4799</b>	<b>[CIS TEST Pattern]</b>		
001	select	ENG	<p>[0 to 5 / 0 / 1/step]</p> <p>Sets CIS test pattern output.</p> <p>0: Scanned Image</p> <p>1: Fixed Value Pattern</p> <p>2: EO Fixed Value Pattern</p> <p>3: Main Scan Gradation</p> <p>4: Sub Scan Gradation</p> <p>5: Grid Pattern</p>
	<p>To print the test pattern selected with this SP, after setting SP, press the interrupt key, and set paper size, scale, image processing conditions etc... from the panel as like a regular copy job, then set original and press copy button.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Even Output Level Setting	ENG	[0 to 4095 / 0 / 1 digit/step]
	<p>Sets test pattern fixed value output level (Even) of CIS.</p> <p>Fixed value will be displayed / set when SP4-799-001-1: full side fixed value, or SP4-799-001-2: Fixed value per EO is selected.</p>		
003	Odd Output Level Setting	ENG	[0 to 4095 / 0 / 1 digit/step]
	<p>Sets test pattern fixed value output level (ODD) of CIS.</p> <p>Fixed value will be displayed / set when SP4-799-001-1: full side fixed value, or SP4-799-001-2: Fixed value per EO is selected.</p>		

<b>4802</b>	<b>[Scanner Free run]</b>		
001	DF mode :Lamp Off	ENG	[0 or 1 / 0 / 1/step]
	Repeat DF shading with lamp off.		

002	DF mode :Lamp On	ENG	[0 or 1 / 0 / 1/step]
	Repeat DF shading with lamp on.		
<b>4803</b>	<b>[Home Position Adj Value]</b>		
001	-	ENG	[-2 to 2 / 0 / 0.1mm/step]
	Run Home position operation (Homing).		
<b>4804</b>	<b>[Home Position Operation]</b>		
001	-	ENG	[0 or 1 / 0 / 1/step]
	Run Home position operation (Homing).		
<b>4806</b>	<b>[Scan Carriage Retract Op]</b>		
001	-	ENG	[0 or 1 / 0 / 1/step]
	Run Carriage retract operation.		
<b>4807</b>	<b>[SBU Off Mode]</b>		
001	On/Off	ENG	[0 or 1 / 1 / 0] 0:OFF 1:ON(default)
	Switch ON/OFF for stopping CCD drive clock of SBU when scanner is standby. Use for process adjustment/design evaluation.		
<b>4813</b>	<b>[ALC Selection]</b>		

	FC	* ENG	[0 or 1 / 1 / 1/step] 0:OFF 1:ON(default)
001	<p>Sets ON/OFF variable correction for scanning level of original when continuously scanning multiple originals using ADF.</p> <p>For increasing productivity of ADF, creating correction data is done at a certain (3min) interval.</p> <p>If shade correcting data is not updated, original scanning level will change affected by the light source brightness changing, therefore, variable will be corrected by scanning the guide plate (white) of ADF from between originals.</p> <p>This SP setting (enable/disable) will apply to color scan.</p> <p>In an occasion of an unexpected malfunction and level correcting does not work, or background density disorderly changes among multiple scanned originals, and by changing setting these will improve; then temporarily set correction OFF.</p> <p>By setting interval shading OFF with SP4-351-001, even when ALC is set to OFF, shading will be done each time, and will prevent density change when having level correction OFF.</p> <p>But in this case, shading data is created (moving carriage) with original interval of ADF scanning, therefore Productivity will drop</p>		
	BW	* ENG	[0 or 1 / 1 / 1/step] 0:OFF 1:ON(default)
002	<p>Sets ON/OFF variable correction for scanning level of original when continuously scanning multiple originals using ADF.</p> <p>For increasing productivity of ADF, creating correction data is done at a certain (3min) interval.</p> <p>If shade correcting data is not updated, original scanning level will change affected by the light source brightness changing, therefore, variable will be corrected by scanning the guide plate (white) of ADF from between originals.</p> <p>This SP setting (enable/disable) will apply to B&amp;W scan.</p> <p>In an occasion of an unexpected malfunction and level correcting does not work, or background density disorderly changes among multiple scanned originals, and by changing setting these will improve; then temporarily set correction OFF.</p> <p>By setting interval shading OFF with SP4-351-001, even when ALC is set to OFF, shading will be done each time, and will prevent density change when having level correction OFF.</p> <p>But in this case, shading data is created (moving carriage) with original interval of ADF scanning, therefore Productivity will drop</p>		

<b>4850</b>	<b>[PMW]</b>		
001	Latest	* ENG	[0 to 8191 / 0 / 1 digit/step]
	<p>Displays LED lighting Duty (PWM) adjustment values of LED light quantity adjust.</p> <p>When output of CCD is overflowed from the amount of light, Reduces light quantity by adjusting LED light source lighting duty when scanner powers ON.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Factory Setting	* ENG	[0 to 8191 / 0 / 1 digit/step]
	<p>Displays LED lighting Duty (PWM) adjustment values of factory default LED light quantity adjust.</p> <p>Factory default LED lighting Duty (PWM) adjustment value is saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4851</b>	<b>[LED White Level Peak Read]</b>		
001	Latest: RE	* ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays white level peak scanning value (RED/EVEN pixel) of LED light quantity adjustment.</p> <p>Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted.</p> <p>SC102-00 is given when LED light quantity does not complete.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Latest: RO	* ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays white level peak scanning value (RED/ODD pixel) of LED light quantity adjustment.</p> <p>Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted.</p> <p>SC102-00 is given when LED light quantity does not complete.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		



003	Latest: GE	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays white level peak scanning value (GREEN/EVEN pixel) of LED light quantity adjustment.</p> <p>Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted.</p> <p>SC102-00 is given when LED light quantity does not complete.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
004	Latest: GO	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays white level peak scanning value (GREEN/ODD pixel) of LED light quantity adjustment.</p> <p>Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted.</p> <p>SC102-00 is given when LED light quantity does not complete.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
005	Latest: BE	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays white level peak scanning value (BLUE/EVEN pixel) of LED light quantity adjustment.</p> <p>Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted.</p> <p>SC102-00 is given when LED light quantity does not complete.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
006	Latest: BO	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays white level peak scanning value (BLUE/ODD pixel) of LED light quantity adjustment.</p> <p>Displays scanning levels of White reference plate when scanner powers on and LED light source lighting duty (PWM) is adjusted.</p> <p>SC102-00 is given when LED light quantity does not complete.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
4852	[LED White Level Peak Read]		

001	Factory Setting: RE	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays/Saves white level peak scanning value (RED/EVEN pixel) of factory default LED light quantity adjustment.</p> <p>Factory default white level peak scanning data will be saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
002	Factory Setting: RO	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays/Saves white level peak scanning value (RED/ODD pixel) of factory default LED light quantity adjustment.</p> <p>Factory default white level peak scanning data will be saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
003	Factory Setting: GE	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays/Saves white level peak scanning value (GREEN/EVEN pixel) of factory default LED light quantity adjustment.</p> <p>Factory default white level peak scanning data will be saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
004	Factory Setting: GO	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays/Saves white level peak scanning value (GREEN/ODD pixel) of factory default LED light quantity adjustment.</p> <p>Factory default white level peak scanning data will be saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		
005	Factory Setting: BE	*ENG	[0 to 1023 / 0 / 1 digit/step]
	<p>Displays/Saves white level peak scanning value (BLUE/EVEN pixel) of factory default LED light quantity adjustment.</p> <p>Factory default white level peak scanning data will be saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

006	Factory Setting: BO	*ENG	[0 to 1023 / 0 / 1digit/step]
	<p>Displays/Saves white level peak scanning value (BLUE/ODD pixel) of factory default LED light quantity adjustment.</p> <p>Factory default white level peak scanning data will be saved during the main unit warranty process.</p> <p>Use for design evaluation/analyzing cause of malfunction (abnormal image, SC).</p>		

<b>4902</b>	<b>[Disp ACC Data]</b>		
001	R_DATA1	*ENG	[0 to 255 / 0 / 1/step]
	Displays (0 to 255) scan value (R component) of scanner for AAC pattern (white background area)		
002	G_DATA1	*ENG	[0 to 255 / 0 / 1/step]
	Displays (0 to 255) scan value (G component) of scanner for AAC pattern (white background area)		
003	B_DATA1	*ENG	[0 to 255 / 0 / 1/step]
	Displays (0 to 255) scan value (B component) of scanner for AAC pattern (white background area)		
004	R_DATA2	*ENG	[0 to 255 / 0 / 1/step]
	Displays (0 to 255) scan value (R component) of scanner for AAC pattern (Cyan max. density area)		
005	G_DATA2	*ENG	[0 to 255 / 0 / 1/step]
	Displays (0 to 255) scan value (G component) of scanner for AAC pattern (Magenta max. density area)		
006	B_DATA2	*ENG	[0 to 255 / 0 / 1/step]
	Displays (0 to 255) scan value (B component) of scanner for AAC pattern (Yellow max. density area)		

<b>4905</b>	<b>[Select Gradation Level]</b>		
001	-	*ENG	[0 to 255 / 0 / 1/step]
	Sets when switching threshold matrix used for tone process.		

<b>4918</b>	<b>[Man Gamma Adj]</b>		
009	-	ENG	[- / - / -] [Change]
	Adjusts manual gamma with setting value of "Option-IDmax" against highlight, middle, shadow, and IdMax.		

<b>4930</b>	<b>[Coverage Ctrl: Text]</b>		
001	Copy: Full Color 1	*ENG	[0 to 400 / <b>200</b> / 1/step]
	Sets text area total amount control value (0% to 400%) when full color copying with text/photo mode.		
002	Copy: Full Color 2	*ENG	[0 to 400 / <b>200</b> / 1/step]
	Sets text area total amount control value (0% to 400%) when full color copying with modes except text/photo mode.		
003	Copy: Single Color	*ENG	[0 to 400 / <b>100</b> / 1/step]
	Sets text area total amount control value (0% to 400%) when copying in color mode (B&W).		
004	Copy: Color Conversion	*ENG	[0 to 400 / <b>180</b> / 1/step]
	Sets text area total amount control value (0% to 400%) when copying in color mode (One color, Two colors).		
005	Coverage Ctrl OFF	*ENG	[0 to 400 / <b>400</b> / 1/step]
	Sets text area total amount control value (0% to 400%) when outputting image in other image output modes (normally, decontrolling total amount control)		

<b>4931</b>	<b>[Coverage Ctrl: Photo]</b>		
001	Copy: Full Color 1	*ENG	[0 to 400 / <b>240</b> / 1/step]
	Sets photo area total amount control value (0% to 400%) when full color copying with text/photo mode.		
002	Copy: Full Color 2	*ENG	[0 to 400 / <b>260</b> / 1/step]
	Sets photo area total amount control value (0% to 400%) when full color copying with modes except text/photo mode.		

003	Copy: Single Color	* ENG	[0 to 400 / <b>100</b> / 1/step]
	Sets photo area total amount control value (0% to 400%) when copying in color mode (B&W).		
004	Copy: Color Conversion	* ENG	[0 to 400 / <b>200</b> / 1/step]
	Sets photo area total amount control value (0% to 400%) when copying in color mode (One color, Two colors).		
005	Coverage Ctrl OFF	* ENG	[0 to 400 / <b>400</b> / 1/step]
	Sets photo area total amount control value (0% to 400%) when outputting image in other image output modes (normally, decontrolling total amount control)		

4940	[Base Gamma Ctrl Pt:Txt K]		
	-		
001	N.K.x1.y1	* ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10.y10.x11.y11	* ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12.y12.x13.y13	* ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14.y14.x15.y15	* ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16.y16	* ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4941</b>	<b>[Base Gamma Ctrl Pt: Text C]</b>		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

<b>4942</b>	<b>[Base Gamma Ctrl Pt: Text M]</b>		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4943</b>	<b>[Base Gamma Ctrl Pt: Text Y]</b>		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4944</b>	<b>[Base Gamma Ctrl Pt: Photo K]</b>		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

<b>4945</b>	<b>[Base Gamma Ctrl Pt: Photo C]</b>		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]



005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4946</b>	<b>[Base Gamma Ctrl Pt: Photo M]</b>		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4947</b>	<b>[Base Gamma Ctrl Pt: Photo Y]</b>		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

<b>4948</b>	<b>[ACC Execute Time:Present]</b>		
	-		
001	yy/mm/dd	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	hh/mm/ss	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

<b>4949</b>	<b>[ACC Execute Time:Previous]</b>		
	-		

001	yy/mm/dd	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	hh/mm/ss	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4954</b>	<b>[Restore Test Chart]</b>		
005	Chromaticity Rank	ENG	[0 to 255 / <b>0</b> / 1/step]
	Correct dispersion of scanner reading value among same models, based on the Color degree rank setting value of Scanner (front side).(Setting value0: Correction OFF)		

<b>4958</b>	<b>[Restore Test Chart: Rear]</b>		
005	Chromaticity Rank	ENG	[0 to 255 / <b>0</b> / 1/step]
	Correct dispersion of scanner reading value among same models, based on the Color degree rank setting value of Scanner (rear side).(Setting value0: Correction OFF)		

<b>4960</b>	<b>[BaseGamma Ctrl Pt:Def:TxtK]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

4961	[BaseGamma Ctrl Pt:Def:TxtC]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

4962	[BaseGamma Ctrl Pt:Def:TxtM]		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

<b>4964</b>	<b>[BaseGamma Ctrl Pt:Def:PhotoK]</b>		
	-		
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4965</b>	<b>[BaseGamma Ctrl Pt:Def:PhotoC]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4966</b>	<b>[BaseGamma Ctrl Pt:Def:PhotoM]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

4967	<b>[BaseGamma Ctrl Pt:Def:PhotoY]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4970</b>	<b>[Base Gamma Ctrl Pt:Prev:TxtK]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12 y12 x13 y13	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4971</b>	<b>[Base Gamma Ctrl Pt:Prev:TxtC]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

4972	<b>[Base Gamma Ctrl Pt:Prev:TxtM]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]



007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4973</b>	<b>[Base Gamma Ctrl Pt:Prev:TxY]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12 y12 x13 y13	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4974</b>	<b>[Base Gamma Ctrl Pt:Prev:PhotoK]</b>		
	-		
001	N K x1 y1	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

4975	<b>[Base Gamma Ctrl Pt:Prev:PhotoC]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4976</b>	<b>[Base Gamma Ctrl Pt:Prev:PhotoM]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

<b>4977</b>	<b>[Base Gamma Ctrl Pt:Prev:PhotoY]</b>		
	-		
001	N K x1 y1	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

002	x2 y2 x3 y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4 y4 x5 y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6 y6 x7 y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8 y8 x9 y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10 y10 x11 y11	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
007	x12 y12 x13 y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14 y14 x15 y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16 y16	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

4980	[IBACC Gamma Ctrl Pt: K]		
	-		
001	N.K.x1.y1	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
003	x4.y4.x5.y5	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
004	x6.y6.x7.y7	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
006	x10.y10.x11.y11	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

007	x12.y12.x13.y13	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
008	x14.y14.x15.y15	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16.y16	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

4981	[IBACC Gamma Ctrl Pt: C]		
	-		
001	N.K.x1.y1	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2.y2.x3.y3	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4.y4.x5.y5	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6.y6.x7.y7	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10.y10.x11.y11	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
007	x12.y12.x13.y13	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16.y16	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

4982	[IBACC Gamma Ctrl Pt: M]		
	-		
001	N.K.x1.y1	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4.y4.x5.y5	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6.y6.x7.y7	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8.y8.x9.y9	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10.y10.x11.y11	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
007	x12.y12.x13.y13	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
008	x14.y14.x15.y15	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
009	x16.y16	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

4983	[IIBACC Gamma Ctrl Pt: Y]		
	-		
001	N.K.x1.y1	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
002	x2.y2.x3.y3	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
003	x4.y4.x5.y5	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
004	x6.y6.x7.y7	*ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
005	x8.y8.x9.y9	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]
006	x10.y10.x11.y11	ENG	[0x00000000 to 0xFFFFFFFF / 0x00000000 / 1/step]

007	x12.y12.x13.y13	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
008	x14.y14.x15.y15	ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]
009	x16.y16	*ENG	[0x00000000 to 0xFFFFFFFF / <b>0x00000000</b> / 1/step]

4984	<b>[IBACC Target Den]</b>		
	Sets reflecting rate (0 to 10) of copy IBACC correction against K, C, M, Y plate. As value enlarges, reflecting rate increases. Copy IBACC correction will not be done when setting to 0.		
001	IBACC notch K	*ENG	[0 to 10 / <b>5</b> / 1/step]
002	IBACC notch C	*ENG	
003	IBACC notch M	*ENG	
004	IBACC notch Y	*ENG	

4990	<b>[IPU Memory Access]</b>		
	-		
001	-	*ENG	[0x000000 to 0xFFFFF / 0x000000 / - /step]

4991	<b>[IPU Memory Access]</b>		
001	RGB Frame Memory	ENG	[0 to 19 / <b>2</b> / 1/step]
002	Filter test output	*ENG	[0 to 28 / <b>24</b> / 1/step]
003	Data Setting	*ENG	[0 to 15 / <b>1</b> / 1/step]
004	Filter CPR output	ENG	[0 to 15 / <b>0</b> / 1/step]

4993	<b>[High Light Correction]</b>		
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001	Sensitivity Selection	*ENG	[0 to 9 / <b>4</b> / 1/step] 0: Weak 9: Strong
	Sets detect sensitivity for full color auto density. Larger the value, weaker (less background tracking) the sensitivity.		
002	Range Selection	*ENG	[0 to 9 / <b>4</b> / 1/step] 0: Weak 9: Strong
	Sets detect area for full color auto density. Larger the value, wider the area.		

<b>4994</b>	<b>[Adj Txt/Photo Recog Level]</b>		
001	High Compression PDF	*ENG	[0 to 2 / <b>1</b> / 1/step]
	Adjusts the guide for recognize images text area and image area. Settings are 0: textish, 1: basic 2:imageish		

<b>4996</b>	<b>[White Paper Detection Level]</b>		
001	-	*ENG	[0 to 6 / <b>3</b> / 1/step]
	Sets blank paper detect level. Larger the value, easier detecting.		




# Main SP Tables-5

## SP5-XXX (Mode)

2

5009	<b>[Add Display Language]</b>		
	Adds language available in user choice. (Only the languages registered in the machine) Refer to the displayed language list to set in the way showed below. List Number Assigned Bit Switch No.1 to 8 BIT1 to 8 (SP5009-201) No.9 to 16 BIT1 to 8 (SP5009-202) No.17 to 24 BIT1 to 8 (SP5009-203) No.25 to 32 BIT1 to 8 (SP5009-204) Example: To add American(No.3 in the list) or Czech (No.15) Turn Bit 3 of "SP5009-201" 0 to 1 for American. Turn Bit 7 of "SP5009-202" 0 to 1 for Czech. After setting, turn the main power switch off and on to make the setting valid.		
	201	1-8	*CTL [1 to 255 / 00000000 / 1/step]
	202	9-16	*CTL [1 to 255 / 00000000 / 1/step]
	203	17-24	*CTL [1 to 255 / 00000000 / 1/step]
204	25-32	*CTL [1 to 255 / 00000000 / 1/step]	
5024	<b>[mm/inch Display Selection]</b>		
	Display units (mm or inch) for custom paper sizes.		
001	0:mm 1:inch	*CTL	[0 or 1 / 1(USA), 0(Others) / 1/step] 0: mm 1: inch

5045	<b>[Accounting counter]</b>		
	Selects the counting method.		
	<div style="border: 1px solid blue; border-radius: 10px; padding: 2px; display: inline-block;">  <b>Note</b> </div> <ul style="list-style-type: none"> <li>Do not change the counter method except contract reason.</li> </ul>		
001	Counter Method	*CTL	[0 to 7 / 1 / step] 0: Developments 1: Prints 2: Coverage 7: Coverage (YMC)

5047	<b>[Paper Display]</b>		
	Turns on or off the printed paper display on the LCD.		
001	Backing Paper	*CTL	[0 or 1 / 0 / 1/step] 0: OFF 1: ON

5051	<b>[TonerRefillDetectionDisplay]</b>		
	Enables or disables the toner refill detection display.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: ON 1: OFF

5055	<b>[Display IP Address]</b>		
	Displays or does not display the IP address on the operation panel.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: OFF 1: ON

5061	<b>[Toner Remaining Icon Display Change]</b>		
	Displays or does not display the remaining toner display icon on the LCD.		

5-061-002  
added

001	-	*CTL	[0 or 1 / 0 / 1/step] 0: Not display 1: Display
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5062	<b>[Parts Replacement Alert Display]</b>		
	Displays or does not display the PM part yield on the LCD.		
002	#Drum unit:Bk	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
003	#Development unit:Bk	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
025	#Drum unit :C	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
026	#Development unit:C	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
048	#Drum unit :M	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
049	Development unit:M	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
071	#Drum unit:Y	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
072	#Development unit:Y	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display

093	Image Transfer Unit	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
102	Image Transfer Cleaning Unit	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
109	Paper Transfer Roller Unit	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
115	Fusing unit	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
116	Fusing Roller unit	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
118	Pressure Roller	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
131	Filter Ozone Duct	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
132	Filter Heat Exhaust Duct	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
142	Wast Toner bottle	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
206	ADF Pick-up Roller	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display

207	ADF Transfer Belt	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display
208	ADF Separation Roller	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display

5066	<b>[PM Parts Display]</b>		
	Displays or does not display the "PM parts" button on the LCD.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: No display 1: Display

5067	<b>[Part Replacement Operation Type]</b>		
	Selects the service maintenance or user maintenance for each PM parts. If the user service is selected, PM alert is displayed on the LCD		
002	#Drum unit:Bk	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
003	#Development unit:Bk	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
025	#Drum unit:C	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
026	#Development unit:C	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User

048	#Drum unit:M	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
049	Development unit:M	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
071	#Drum unit:Y	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
072	#Development unit:Y	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
093	Image Transfer Unit	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
102	Image Transfer Cleaning Unit	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
109	Paper Transfer Roller Unit	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
115	Fusing unit	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
116	Fusing Roller unit	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
118	Pressure Roller	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User

131	Filter Ozone Duct	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
132	Filter Heat Exhaust Duct	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
142	Wast Toner bottle	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
206	ADF Pick-up Roller	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
207	ADF Transfer Belt	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User
208	ADF Separation Roller	*CTL	[0 or 1 / 0 / 1/step] 0: Service 1: User

	<b>[Set Bypass Paper Size Display]</b>		
5071	Turn on or off the paper size confirmation pop-up on the LED. This pop-up prevents mismatching between a paper size selected by the operation panel and an actual paper size on the by-pass tray.		
001	-	CTL	[0 or 1 / 0 / 1/step] 0: Off 1: On

	<b>[Supply Part Replacement Operation Type]</b>		
5073	Selects either User or Service manages supply parts.		

001	Waste Toner Bottle	*CTL	[0 or 1 / 0 / 1/step] 0:Service 1:User
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5074	<b>[Home Key Customization]</b>		
	Sets the application that appears when the home key is pressed.		
002	Login Setting	*CTL	[FFh / 00000000 / 1/step]
050	Show Home Edit Menue	CTL	[0 to 2 / 0/ 1/step]
091	Function Setting	*CTL	[0 to 2 / 0 / 1/step] 0: Function disable 1: SDK application 2: Legacy application (reserved)
092	Product ID	*CTL	[0x00 to 0xffff / 0h / 1/step]
	Sets the Application product ID.		
093	Application Screen ID	*CTL	[0 to 255 / 0 / 1/step]
	Sets the display category of the application that is specified in the SP5075-001,002.		

5075	<b>[USB Keyboard]</b>		
	Sets the function of the external keyboard.		
001	Function Setting	*CTL	[0 or 1 / 0 / 1/step] 0: Disable 1: Enable

5081	<b>[ServiceSP Entry Code Setting]</b>		
	DFU		
001	ServiceSP Entry Code Setting	-	-

5083	<b>[LED Light Switch Setting]</b>		
	Turns LED lighting ON and OFF at Toner Near End.		



001	Toner Near End	* CTL	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
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5101	<b>[Timer Set]</b>		
	Sets whether to enable or disable to enter the low power mode.		
104	Low Power Set	* CTL	[0 or 1 / 1 / 1/step] 0: Enable 1: Disable

5113	<b>[Optional Counter Type]</b>		
001	Default Optional Counter Type	* CTL	[0 to 9 / 0 / 1/step] 0:None 1:Key Card(RK3,4) 2:Key Card(down) 3:PrepaidCard 5:MFKeyCard 4:Coin Rack 6:Coin Rack(Recommend) 8:Key Counter + Vender 9:Bar-codePrinter
			Specifies the type of an optional counter installed.
002	External Optional Counter Type	* CTL	[0 to 3 / 0 / 1/step] 0:None 1:Expansion Device 1 2:Expansion Device2 3:Expansion Device3
			Specifies the number of external device for user access control.

5114	<b>[Optional Counter I/F]</b>		
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001	MF Key Card Extension	*CTL	[0 or 1 / 0 / 1/step] 0: Not installed 1: Installed (scanning accounting)
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5118	<b>[Disable Copying]</b>		
	This program disables copying.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: Not disabled 1: Disabled

5120	<b>[Mode Clear Opt. Counter Removal]</b>		
	This program updates the information on the optional counter. When you install or remove an optional counter, check the settings.		
001	0:Yes 1:StandBy 2:No	*CTL	[0 to 2 / 0 / 1/step] 0: Yes (removed) 1: Standby (installed but not used) 2: No (not removed)

5121	<b>[Counter Up Timing]</b>		
	This program specifies when the counter goes up. The settings refer to "paper feed" and "paper exit" respectively.		
001	0:Feed 1:Exit	*CTL	[0 or 1 / 0 / 1/step] 0: Feed 1: Exit

5126	<b>[Set F-size Document]</b>		
	Larger the value, easier the detecting.		
001	-	ENG	[0 to 2 / 0 / 1/step] 0: 8 1/2 x13 1: 8 1/4 x13 2: 8 x13

5127	<b>[APS Mode]</b>		
	This program disables the APS.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: Not disabled 1: Disabled
5128	<b>[Code Mode With Key/Card Option]</b>		
	This program disables the code mode with key/card option.		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: Not disabled 1: Disabled
5131	<b>[Paper Size Type Selection]</b>		
	The program selects a paper size system from the following alternatives: the AB system (0), the LT system (1), and the AF system (2).		
001	-	*ENG	[0 to 2 / 1 (NA) , 2 (TW, KOR, EU, CHN, AS) / 1/step] 0: JP (Japan) 1: NA 2: EU
5148	<b>[Size Detection OFF]</b>		
	0: Detect 1: Not Detect		
002	Tray 1	*CTL	[0 or 1 / 0 / 1/step] 0: OFF 1: ON

5150	<b>[Bypass Length Setting]</b>		
	<p>Normally the paper length for sub scanning paper from the by-pass tray is limited to 600 mm, but this can be extended with this SP to 1260 mm.</p> <p>Image quality is not assured for the length over 600mm.</p> <p>When printing/feeding over 600mm length paper, customization request is required for a customized printer driver.</p>		
001	0: OFF 1: ON	CTL	[0 or 1 / 0 / 1/step] 0: OFF 1: ON

5162	<b>[App. Switch Method]</b>		
	<p>Determines whether the application screen is switched with a hardware switch or software switch.</p>		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: Soft Key Set 1: Hard Key Set

5166	<b>[Lump Delete FromSetting]</b>		
	<p>Writes when successive cancellation is stopped or started, and indicates the time when Zoffy was lastly executed with being written in GMT (passing time from 1970/1/1 00:00:00 - current), 1 sec/step.</p> <p>Time correction for each local time format should be required.</p>		
021	Last Deleted Time	CTL	[0 to 4294967295 / 0 / 1]

5167	<b>[Fax Printing Mode at Optional Counter Off]</b>		
	<p>Enables or disables the automatic print out without an accounting device. This SP is used when the receiving fax is accounted by an external accounting device.</p>		
001	-	*CTL	[0 or 1 / 0 / 1/step] 0: Automatic printing 1: No automatic printing

5169	<b>[CE Login]</b>		
	If you will change the printer bit switches, you must 'log in' to service mode with this SP before you go into the printer SP mode.		
001	CE Login	*CTL	[0 or 1 / 0 / 1/step] 0: Disabled 1: Enabled

5181	<b>[Size Adjust]</b>		
	001	TRAY 1	*ENG [0 to 3 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: A4 LEF 1: LT LEF 2: B5 LEF 3: A5 LEF
Fix size of tray 1 to appointed value 0: A4 LEF 1: LT LEF 2: B5 LEF 3: A5 LEF			
002	TRAY 2: 1	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: A4 LEF 1: LT LEF
Detects size of tray 2 to appointed value preferentially. 0: A4 LEF 1: LT LEF			
003	TRAY 2: 2	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: A3 1: DLT
Detects size of tray 2 to appointed value preferentially. 0: A3 1: DLT			
004	TRAY 2: 3	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: B4 1: LG
Detects size of tray 2 to appointed value preferentially. 0: B4 1: LG			

005	TRAY 2: 4	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: B5LEF 1: ExeLEF
	Detects size of tray 2 to appointed value preferentially. 0: B5 LEF 1: Exe LEF		
006	TRAY 2: 5	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: SRA3 1: 12X18
	Detects size of tray 2 to appointed value preferentially. 0: SRA3 1: 12x18		
007	TRAY 3/T-LCT: 1	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: A4LEF 1: LTLEF
	Switches auto detection size of 3rd paper feed tray 1(LCT). 0: A4 LEF 1: LT LEF		
008	TRAY 3: 2	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: A3 1: DLT
	Switches auto detection size of 3rd paper feed tray 2. 0: A3 1: DLT		
009	TRAY 3: 3	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: B4 1: LG
	Switches auto detection size of 3rd paper feed tray 3. 0: B4 1: LG		
010	TRAY 3: 4	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: B5LEF 1: ExeLEF
	Switches auto detection size of 3rd paper feed tray 4. 0: B5 LEF 1: Exe LEF		

011	TRAY 3: 5	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: 12.6X17.7 1: 12X18
	Switches auto detection size of 3rd paper feed tray 5. 0: 12.6x17.7 1: 12x18		
012	TRAY 4: 1	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: A4LEF 1: LTLEF
	Switches auto detection size of 4th paper feed tray 1. 0: A4 LEF 1: LT LEF		
013	TRAY 4: 2	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: A3 1: DLT
	Switches auto detection size of 4th paper feed tray 2. 0: A3 1: DLT		
014	TRAY 4: 3	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: B4 1: LG
	Switches auto detection size of 4th paper feed tray 3. 0: B4 1: LG		
015	TRAY 4: 4	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: B5LEF 1: ExeLEF
	Switches auto detection size of 4th paper feed tray 4. 0: B5 LEF 1: Exe LEF		
016	TRAY 4: 5	*ENG	[0 or 1 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: 12.6X17.7 1: 12X18
	Switches auto detection size of 4th paper feed tray 5. 0: 12.6x17.7 1: 12x18		

017	LCT	*ENG	[0 to 2 / 1 (NA), 0 (EU, AS, CHN, TW, KOR) / 1/step] 0: A4LEF 1: LTLEF 2: B5LEF
	Switches auto detection size of Side set LCT 0: A4 LEF, 1: LT LEF 2: B5 LEF		
5186	<b>[RK4]</b>		
	Sets whether to do the jam operation when pulling out RK4.		
001	-	*ENG	[0 or 1 / 0 / 1/step]
5188	<b>[Copy Nv Version]</b>		
	Displays the version number of the NVRAM on the controller board.		
001	-	*CTL	[- / - / -]
5191	<b>[Mode Set]</b>		
	Shifts to the power save mode or not.		
001	Power Str Set	*CTL	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
5193	<b>[External Controller Info. Settings]</b>		
	External controler settings.		



001	-	CTL	[0 to 10 / <b>0</b> / 1/step] 0: External Controller is not installed 1: EFI 2: Ratio 3: Egret 4: GJ 5:Creo 6: QX-100 7: Kurofune 8 to 10: Reserved
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5195	<b>[Limitless SW]</b>		
	Switches productivity precede limit less feed and use paper up limit less feed.		
001	-	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: Productivity Precede 1: Use paper up

5196	<b>[Copier Vendor Mode]</b>		
	-		
001	90 deg. Rotation	CTL	[- / - / -]
002	Color and Tray Selection	CTL	[- / - / -]

5199	<b>[Paper Exit After Staple End]</b>		
	Enables or disables the paper feeding out from the finisher without stapling. <ul style="list-style-type: none"> <li>• If this setting is "1: ON", paper is fed out without stapling at the maximum number of the finisher stapling when the machine gets a multiple printing job (over maximum number).</li> <li>• If this setting is "0: OFF", paper is fed out with stapling at the maximum number of the finisher stapling when the machine gets a multiple printing job (over maximum number).</li> </ul>		

001	0: OFF 1: ON	CTL	[ 0 or 1 / <b>0</b> / 1/step] 0: OFF, 1: ON
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5212	<b>[Page Numbering]</b>		
	This program adjusts the position of the second side page numbers. <ul style="list-style-type: none"> <li>• "- value" moves the page number positions to the left edge.</li> <li>• "+ value" moves the page number positions to the right edge.</li> </ul>		
003	Duplex Printout Right/Left Position	* CTL	[-10 to 10 / <b>0</b> / 1mm/step]
004	Duplex Printout High/Low Position	* CTL	[-10 to 10 / <b>0</b> / 1mm/step]

5227	<b>[Page numbering]</b>		
201	Allow Page No. Entry	* CTL	[2 to 9 / <b>9</b> / 1/step]
	Specify max. digits for "Job serial numbering start number" of optional text print.		
202	Zero Surplus Sting	* CTL	[0 or 1 / <b>0</b> / 1/step] 0:OFF 1:ON
	Specify zero suppress for "Job serial numbering start number" of optional text print.		

5302	<b>[Set Time]</b>		
	Adjusts the RTC (real time clock) time setting for the local time zone. Examples: For Japan (+9 GMT), enter 540 (9 hours x 60 min.) DOM: +540 (Tokyo) NA: -300 (New York) EU: + 60 (Paris) CH: +480 (Beijing) TW: +480 (Taipei) AS: +480 (Hong Kong)		
002	Time Difference	* CTL	[-1440 to 1440 / <b>480</b> / 1 min./step]

5305	[Auto Off Set]		
	-		
101	Auto Off Limit Set	*CTL	[0 or 1 / 0 / 1/step]

5307	[Daylight Saving Time]		
001	Setting	*CTL	[0 to 1 / 0 / 1/step] 0: Disabled 1: Enabled (Default) 1: NA and EUR 0: ASIA and others
	<p>Enables or disables the summer time mode.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>Make sure that both SP5-307-3 and -4 are correctly set. Otherwise, this SP is not activated even if this SP is set to "1".</li> </ul>		

	Rule Set(Start)	*CTL	[0 to 0xffffffff / 10500010h / 1hex/ step] (Default) NA: 0x11100200 EUR: 0x10500100 ASIA: 0x03100000 Other: 0x00000000
003	<p>Specifies the start setting for the summer time mode.</p> <p>There are 8 digits in this SP. For months 1 to 9, the "0" cannot be input in the first digit, so the eight-digit setting for -2 or -3 becomes a seven-digit setting.</p> <p>1st and 2nd digits: The month. [1 to 12]                      3rd digit: The week of the month. [1 to 5]                      4th digit: The day of the week. [0 to 6 = Sunday to Saturday]                      5th and 6th digits: The hour. [00 to 23]                      7th digit: The length of the advanced time. [0 to 9 / 1 hour /step]                      8th digit: The length of the advanced time. [0 to 5 / 10 minutes /step]</p> <ul style="list-style-type: none"> <li>The digits are counted from the left.</li> <li>Make sure that SP5-307-1 is set to "1".</li> </ul>		
	Rule Set (End)	-	[-/ 3100000h /-/-]
004	<p>Specifies the end setting for the summer time mode.</p> <p>There are 8 digits in this SP.</p> <p>1st and 2nd digits: The month. [1 to 12]                      3rd digit: The week of the month. [0 to 5]                      4th digit: The day of the week. [0 to 7 = Sunday to Saturday]                      5th and 6th digits: The hour. [00 to 23]                      The 7th and 8 digits must be set to "00".</p> <ul style="list-style-type: none"> <li>The digits are counted from the left.</li> <li>Make sure that SP5-307-1 is set to "1".</li> </ul>		

<b>5401</b>	<b>[Access Control]</b>		
103	Default Document ACL	*CTL	[0 to 0x01 / 0 / 1/step]

104	Authentication Time	* CTL	[0 to 255 / 0 / 1 sec/step]
	Note that the default value (0) indicates the logical 60 second; on the other hand, other values of the threshold show the actual seconds. So a "60-second" can be expressed in the two ways.		
162	Extend Certification Detail	* CTL	[0 to 7/ 00000000/ 0x01/step]
200	SDK1 UniqueID	* CTL	[0 to 0xffffffff/ 0/ 1/step]
201	SDK1 Certification Method	* CTL	[0 to 0xff / 0/ 1/ step]
210	SDK2 UniqueID	* CTL	[0 to 0xffffffff/ 0/ 1/step]
211	SDK2 Certification Method	* CTL	[0 to 0xff / 0/ 1/ step]
220	SDK3 UniqueID	* CTL	[0 to 0xffffffff/ 0/ 1/step]
221	SDK3 Certification Method	* CTL	[0 to 0xff / 0/ 1/ step]
230	SDK Certification Device	* CTL	[0 to 7 / 0 / power of 2/step] 0-1: SDK authentication available 0-0: Disable all functions 1-1: SKB Display 1-0: Disable 2-1: Administrator login 2-0: Disable 3 to 7-0: Reserved (set "0" only)

	Detail Option	*CTL	[0 to 7 / 0x00 / 0x01 / step]
240	<p>0: Logout confirm option -1: ON, 0: OFF</p> <p>2 to 1: Auto-logout timer(retry timer) -1: 30sec, 10: 20sec, 01: 10sec, 00: 60sec</p> <p>3: personal authority / Group authority and operation -1: ON, 0: OFF</p> <p>4: Skip password entry -1: ON, 0: OFF</p> <p>5: Set the display of the remaining Frequency -1: ON, 0: OFF</p> <p>6 to 7: Set the display time -1: ON, 0: OFF</p>		

	<b>[Access Control]</b>		
5402	<p>[Bit Switch Outline]</p> <p>0: SDKJ authentication method setting: Saves the unique information in SDKJ application as a data to associate with user authentication setting. SAS (VAS) sets this setting when an SDKJ application is installed.</p> <p>1: User code setting: Specifies whether user code is used for management in SDK application.</p> <p>2: Key counter setting: Specifies whether key counter is used for management in SDK application.</p> <p>3: External counter setting: Specifies whether external counter is used for management in SDK application.</p> <p>4: Expansion device setting: Specifies whether expansion device is used for management in SDK application.</p> <p>7: Expansion function user authentication setting: Specifies whether to do authentication in SDK application.</p> <p>Bit1 through Bit4 can be set using Bit1 through Bit4. Bit7 can be set using SP.</p>		
101	SDKJ1 Limit Setting	*CTL	[0 to 7 / 00000000 / 0x01 / step]

102	SDKJ2 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
103	SDKJ3 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
104	SDKJ4 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
105	SDKJ5 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
106	SDKJ6 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
107	SDKJ7 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
108	SDKJ8 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
109	SDKJ9 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
110	SDKJ10 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
111	SDKJ11 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
112	SDKJ12 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
113	SDKJ13 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
114	SDKJ14 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
115	SDKJ15 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
116	SDKJ16 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
117	SDKJ17 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
118	SDKJ18 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
119	SDKJ19 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
120	SDKJ20 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
121	SDKJ21 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
122	SDKJ22 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
123	SDKJ23 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
124	SDKJ24 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
125	SDKJ25 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
126	SDKJ26 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]
127	SDKJ27 Limit Setting	*CTL	[0 to 7/ 00000000/ 0x01/ step]

128	SDKJ28 Limit Setting	* CTL	[0 to 7/ 00000000/ 0x01/ step]
129	SDKJ29 Limit Setting	* CTL	[0 to 7/ 00000000/ 0x01/ step]
130	SDKJ30 Limit Setting	* CTL	[0 to 7/ 00000000/ 0x01/ step]

5402	<b>[Access Control]</b>		
	SAS (VAS) sets these settings when an SDKJ application is installed.		
141	SDKJ1 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
142	SDKJ2 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
143	SDKJ3 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
144	SDKJ4 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
145	SDKJ5 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
146	SDKJ6 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
147	SDKJ7 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
148	SDKJ8 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
149	SDKJ9 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
150	SDKJ10 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
151	SDKJ11 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
152	SDKJ12 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
153	SDKJ13 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
154	SDKJ14 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
155	SDKJ15 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
156	SDKJ16 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
157	SDKJ17 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
158	SDKJ18 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
159	SDKJ19 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]
160	SDKJ20 ProductID	* CTL	[0 to 0xffffffff/ 0/ 1/ step]



161	SDKJ21 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
162	SDKJ22 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
163	SDKJ23 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
164	SDKJ24 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
165	SDKJ25 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
166	SDKJ26 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
167	SDKJ27 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
168	SDKJ28 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
169	SDKJ29 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]
170	SDKJ30 ProductID	*CTL	[0 to 0xffffffff/ 0/ 1/ step]

<b>5404</b>	<b>[User Code Count Clear]</b>		
004	-	*CTL	[- / - / -] [Execute]
	-		

<b>5411</b>	<b>[LDAP Certification]</b>		
004	Simplified Authentication	*CTL	[0 or 1 / 1 / 1/step] 1: On 0: Off
	Determines whether easy LDAP certification is done.		
005	Password Null Not Permit	*CTL	[0 or 1 / 0 / 1/step] 0: Password NULL not permitted. 1: Password NULL permitted.
	This SP is referenced only when SP5411-4 is set to "1" (On).		

006	Detail Option	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: OFF 1: ON
	Determines whether LDAP option (anonymous certification) is turned on or off.		

5412	<b>[Krb-Certification]</b>		
	Kerberos certification refers to the encryption strength in this SP.		
100	Encrypt Mode	*CTL	[0x01: AES256-CTS-HMAC-SHA1-96 0x02: AES128-CTS-HMAC-SHA1-96 0x04: DES3-CBC-SHA1 0x08: RC4-HMAC 0x10: DES-CBC-MD5 0xFF: ALL / <b>11111111</b> / 1/bit]

5413	<b>[Lockout Setting]</b>		
	001	Lockout On/Off	*CTL
		Switches on/off the lock on the local address book account.	
002	Lockout Threshold	*CTL	[1 to 10 / <b>5</b> / 1/step]
	Sets a limit on the frequency of lockouts for account lockouts.		
003	Cancellation On/Off	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: Off (no wait time, lockout not cancelled) 1: On (system waits, cancels lockout if correct user ID and password are entered).
	Determines whether the system waits the prescribed time for input of a correct user ID and password after an account lockout has occurred.		

004	Cancellation Time	*CTL	[1 to 999 / <b>60</b> / 1 min./step]
	Determines the length of time that the system waits for correct input of the user ID and password after a lockout has occurred. This setting is used only if SP5413-3 is set to "1" (on).		

<b>5414</b>	<b>[Access Mitigation]</b>		
001	Mitigation On/Off	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: OFF 1: ON
	Switches on/off masking of continuously used IDs and passwords that are identical.		
002	Mitigation Time	*CTL	[0 to 60 / <b>15</b> / 1 min./step]
	Sets the length of time for excluding continuous access for identical user IDs and passwords.		

<b>5415</b>	<b>[Password Attack]</b>		
001	Permissible Number	*CTL	[0 to 100 / <b>30</b> / 1 attempt/step]
	Sets the number of attempts to attack the system with random passwords to gain illegal access to the system.		
002	Detect Time	*CTL	[1 to 10 / <b>5</b> / 1 sec./step]
	Sets the time limit to stop a password attack once such an attack has been detected.		

<b>5416</b>	<b>[Access Information]</b>		
001	Access User Max Num	*CTL	[50 to 200 / <b>200</b> / 1 users/step]
	Limits the number of users used by the access exclusion and password attack detection functions.		
002	Access Password Max Num	*CTL	[50 to 200 / <b>200</b> / 1 password/step]
	Limits the number of passwords used by the access exclusion and password attack detection functions.		

003	Monitor Interval	*CTL	[1 to 10 / <b>3</b> / 1 sec./step]
	Sets the processing time interval for referencing user ID and password information.		

<b>5417</b>	<b>[Access Attack]</b>		
001	Access Permissible Number	*CTL	[0 to 500 / <b>100</b> / 1/step]
	Sets a limit on access attempts when an excessive number of attempts are detected for MFP features.		
002	Attack Detect Time	*CTL	[10 to 30 / <b>10</b> / 1 sec./step]
	Sets the length of time for monitoring the frequency of access to MFP features.		
003	Productivity Fall Wait	*CTL	[0 to 9 / <b>3</b> / 1 sec./step]
	Sets the wait time to slow down the speed of certification when an excessive number of access attempts have been detected.		
004	Attack Max Num	*CTL	[50 to 200 / <b>200</b> / 1 attempt/step]
	Sets a limit on the number of requests received for certification in order to slow down the certification speed when an excessive number of access attempts have been detected.		

<b>5420</b>	<b>[User Authentication]</b>		
This setting should be done by System Administrators.			
001	Copy	*CTL	[0 to 1 / <b>0</b> / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the copy applications.		
002	Color Security Setting	*CTL	[0x00 to 0xFF / <b>0x00</b> / 1/step]
011	DocumentServer	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the document server.		

021	Fax	*CTL	[0 or 1/ <b>0</b> / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the fax application.		
031	Scanner	*CTL	[0 or 1/ <b>0</b> / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the scan applications.		
041	Printer	*CTL	[0 or 1/ <b>0</b> / 1/step] 0: On 1: Off
	Determines whether certification is required before a user can use the printer applications.		
051	SDK1	*CTL	[0 or 1 / <b>0</b> / 1/step]
061	SDK2	*CTL	0: ON
071	SDK3	*CTL	1: OFF
081	Browser	*CTL	[0 or 1/ <b>0</b> / 1/ step]
	Specifies whether to enable authentication in browser application. 0: Enable 1: Disable		

<b>5430</b>	<b>[Auth Dialog Message Change]</b>		
001	Message Change On/Off	*CTL	[0 or 1/ <b>0</b> / 1/ step]
002	Message Text Download	CTL	[EXECUTE]
003	Message Text ID	CTL	[-/ -/ -/ -]

<b>5431</b>	<b>[External Auth User Preset]</b>		
	-		
010	Tag	*CTL	[0 or 1/ <b>1</b> / 1/ step]

011	Entry	*CTL	[0 or 1/ 1 / 1/ step]
012	Group	*CTL	[0 or 1/ 1 / 1/ step]
020	Mail	*CTL	[0 or 1/ 1 / 1/ step]
030	Fax	*CTL	[0 or 1/ 1 / 1/ step]
031	FaxSub	*CTL	[0 or 1/ 1 / 1/ step]
032	Folder	*CTL	[0 or 1/ 1 / 1/ step]
033	ProtectCode	*CTL	[0 or 1/ 1 / 1/ step]
034	SmtplAuth	*CTL	[0 or 1/ 1 / 1/ step]
035	LdapAuth	*CTL	[0 or 1/ 1 / 1/ step]
036	Smb Ftp Fldr Auth	*CTL	[0 or 1/ 1 / 1/ step]
037	AcntAcl	*CTL	[0 or 1/ 1 / 1/ step]
038	DocumentAcl	*CTL	[0 or 1/ 1 / 1/ step]
040	CertCrypt	*CTL	[0 or 1/ 0 / 1/ step]
050	UserLimitCount	*CTL	[0 or 1/ 1 / 1/ step]

5481	<b>[Authentication Error Code]</b>		
	These SP codes determine how the authentication failures are displayed.		
001	System Log Disp	*CTL	[0 or 1 / 0 / 1/step] 0: Off 1: On
	Determines whether an error code appears in the system log after a user authentication failure occurs.		
002	Panel Disp	*CTL	[0 or 1 / 0 / 1/step] 1: On 0: Off
	Determines whether an error code appears on the operation panel after a user authentication failure occurs.		

SP5490  
 RTB 3: Export models also  
 F/W version 1.02

<b>5490</b>	<b>[MF KeyCard (Japan only)]</b>		
001	Job Permit Setting	* CTL	[0 to 1 / 0 / 1/step] 0: Disabled. Cancels operation without a user code. 1: Enabled. Allows operation without a user code.
	Sets up operation of the machine with a keycard.		
002	Count Mode Setting	* CTL	-

<b>5491</b>	<b>[Optional Counter]</b>		
	Determines whether to cancel the job when MK1 keycard is pulled out from the machine during job.		
001	Detail Option	* CTL	[0 or 1 / 00000000 / 0x01/step] 0: Disabled: Cancels operation if no code is input. 1: Enabled: Allows operation if another code is input and decrements the counter once for use of entered code.

<b>5501</b>	<b>[PM Alarm]</b>		
001	PM Alarm Level	* CTL	[0 to 9999 / 0 / 1/step] 0: Alarm off 1 to 9999: Alarm goes off when Value (1 to 9999) x 1000 > PM counter

<b>5504</b>	<b>[Jam Alarm Interval]</b>		
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001	-	*CTL	[0 to 3 / 3 / 1/step] 0: Z 1: L 2: M 3: H
Sets the alarm to sound for the specified jam level (document miss feeds are not included).			

5505	<b>[Error Alarm]</b>		
	Sets the error alarm level. The error alarm counter counts "1" when any SC is detected. However, the error alarm counter decreases by "1" when an SC is not detected during a set number of copied sheets (for example, default 700 sheets). The error alarm occurs when the SC error alarm counter reaches "5".		
001	Error Alarm	*CTL	[0 to 25500 / 20 /undred/step] 0: Alarm Off

5507	<b>[Supply/CC Alarm]</b>		
	Enables or disables the notifying a supply call via the @Remote.		
001	Paper Supply Alarm	*CTL	[0 or 1 / 0 / 1/step] 0: OFF 1: ON
002	Staple Supply Alarm	*CTL	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
003	Toner Supply Alarm	*CTL	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
	If you select "1" the alarm will sound when the copier detects toner end.		



006	WasteTonerBottle	*CTL	[0 to 2 / 1 / 1/step] 0:OFF 1: Supply Call ON 2: CC Call ON
080	Toner Call Timing	*CTL	[0 or 1 / 0 / 1/step] 0: At replacement 1: AtLessThanThresh
	Changes the timing of the "Toner Supply Call" via the @Remote, when the following conditions occur.		
081	Toner Call Threshold	*CTL	[10 or 90 / 50 / 10%/step]
128	Interval :Others	*CTL	[250 to 10000 / 1000 / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
132	Interval :A3	*CTL	[250 to 10000 / 1000 / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
133	Interval :A4	*CTL	[250 to 10000 / 1000 / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
134	Interval :A5	*CTL	[250 to 10000 / 1000 / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
141	Interval :B4	*CTL	[250 to 10000 / 1000 / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		

142	Interval :B5	*CTL	[250 to 10000 / <b>1000</b> / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
160	Interval :DLT	*CTL	[250 to 10000 / <b>1000</b> / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
164	Interval :LG	*CTL	[250 to 10000 / <b>1000</b> / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
166	Interval :LT	*CTL	[250 to 10000 / <b>1000</b> / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		
172	Interval :HLT	*CTL	[250 to 10000 / <b>1000</b> / 1 page/ step]
	The "Paper Supply Call Level: nn" SPs specify the paper control call interval for the referenced paper sizes.		

<b>5508</b>	<b>[CC Call]</b>		
001	Jam Remains	*CTL	[0 or 1 / <b>1</b> / 1/step] 0: Disable 1: Enable
	Enables/disables initiating a call for an unattended paper jam.		
002	Continuous Jams	*CTL	[0 or 1 / <b>1</b> / 1/step] 0: Disable 1: Enable
	Enables/disables initiating a call for consecutive paper jams.		

003	Continuous Door Open	* CTL	[0 or 1 / 1 / 1/step] 0: Disable 1: Enable
	Enables/disables initiating a call when the front door remains open.		
011	Jam Detection: Time Length	* CTL	[3 to 30 / 10 / 1 min./step]
	Sets the time a jam must remain before it becomes an "unattended paper jam". This setting is enabled only when SP5508-004 is set to "1".		
012	Jam Detection: Continuous Count	* CTL	[2 to 10 / 5 / 1 time/step]
	Sets the number of consecutive paper jams required to initiate a call. This setting is enabled only when SP5508-004 is set to "1".		
013	Door Open: Time Length	* CTL	[3 to 30 / 10 / 1 min./step]
	Sets the length of time the door remains open before the machine initiates a call. This setting is enabled only when SP5-508-004 is set to "1".		

5513	<b>[PartsAlarmlevelCount]</b>		
	SP7617 uses these SPs to determine the timing to issue an alarm.		
001	Normal	* CTL	[1 to 9999 / 300 / 1/step]
002	Df	* CTL	[1 to 9999 / 300 / 1/step]

5514	<b>[PartsAlarmlev]</b>		
	Determines whether to issue a PM report alarm for each CSS parts.		
001	Normal	* CTL	[0 or 1 / 1 / 1/step] 0:OFF 1:ON
002	Df	* CTL	[0 or 1 / 0 / 1/step] 0:OFF 1:ON

5515	<b>[SC/Alarm Setting]</b>		
	With @Remote in use, these SP codes can be set to issue an SC call when an SC error occurs. If this SP is switched off, the SC call is not issued when an SC error occurs.		

001	SC Call	*CTL	[0 or 1 / 1 / 1/step] 0: OFF 1: ON
002	Service Parts Near End Call	*CTL	
003	Service Parts End Call	*CTL	
004	User Call	*CTL	
006	Communication Test Call	*CTL	
007	Machine Information Notice	*CTL	
008	Alarm Notice	*CTL	
009	Non Genuine Tonner Ararm	*CTL	
010	Supply Automatic Ordering Call	*CTL	
011	Supply Management Report Call	*CTL	
012	Jam/Door Open Call	*CTL	

5516	<b>[Individual PM Part Alarm Call]</b>		
	With @Remote in use, these SP codes can be set to issue an PM alarm call when one of SP parts reaches its yield.		
001	Disable/Enable Setting (0: Not send, 1: Send)	*CTL	[0 or 1 / 1 / 1/step] 0: Not send 1: Send
004	Percent yield for triggering PM alert	*CTL	[1 to 255 / 75 / 1 %/step]

5517	<b>[Get Machine Information]</b>		
031	Get SMC Info Retry Internal	*CTL	[10 to 255 / 10 / 1min/step]
	When SMC info collect is interrupt, retries during the time between receiving Request for obtaining SMC info, to value set with this setting.		

5610	<b>[Base Gamma Ctrl Pt:Execute]</b>		
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004	Get Factory Default	ENG	[0 or 1 / 0 / 1/step] [EXECUTE]
	Factoryreset the ACC execution result (create base gamma with factory adjusted value).		
005	Set Factory Default	ENG	[0 or 1 / 0 / 1/step] [EXECUTE]
	Overwrites the factory adjusted value with base gamma control point (current value).		
006	Restore Original Value	ENG	[0 or 1 / 0 / 1/step] [EXECUTE]
	Reset the ACC execution result (create base gamma with last adjusted value).		

<b>5611</b>	<b>[Toner Color in 2C]</b>		
001	B-C	*ENG	[0 to 128 / 100 / 1/step]
	Adjust (no correction: 100) output color (C component) from 0(%) to 128(%) when setting basic color (blue) to single color.		
002	B-M	*ENG	[0 to 128 / 100 / 1/step]
	Adjust (no correction: 100) output color (M component) from 0(%) to 128(%) when setting basic color (blue) to single color.		
003	G-C	*ENG	[0 to 128 / 100 / 1/step]
	Adjust (no correction: 100) output color (C component) from 0(%) to 128(%) when setting basic color (green) to single color.		
004	G-Y	*ENG	[0 to 128 / 100 / 1/step]
	Adjust (no correction: 100) output color (Y component) from 0(%) to 128(%) when setting basic color (green) to single color.		
005	R-M	*ENG	[0 to 128 / 100 / 1/step]
	Adjust (no correction: 100) output color (M component) from 0(%) to 128(%) when setting basic color (red) to single color.		
006	R-Y	*ENG	[0 to 128 / 100 / 1/step]
	Adjust (no correction: 100) output color (Y component) from 0(%) to 128(%) when setting basic color (red) to single color.		

<b>5618</b>	<b>[Color Mode Display Selection]</b>		
001	-	*CTL	[0 or 1 / 1 / 1/step] 0: ACS, Color, Black & White, Two Colors, Single colour 1: ACD, Full Color, Black & White
Selects the color selection display on the LCD.			

<b>5713</b>	<b>[Service Branch Information]</b>		
	-		
001	Service Branch Information Code	*CTL	[7 digits / - / -]

<b>5728</b>	<b>[Network Setting]</b>		
Displays and sets the port numbers for port forwarding to the Android operation panel.			
001	NAT Machine Port1	*CTL	[1 to 65535 / <b>49101</b> / 1/step]
002	NAT UI Port1	*CTL	[1 to 65535 / <b>55101</b> / 1/step]
003	NAT Machine Port2	*CTL	[1 to 65535 / <b>49102</b> / 1/step]
004	NAT UI Port2	*CTL	[1 to 65535 / <b>55102</b> / 1/step]
005	NAT Machine Port3	*CTL	[1 to 65535 / <b>49103</b> / 1/step]
006	NAT UI Port3	*CTL	[1 to 65535 / <b>55103</b> / 1/step]
007	NAT Machine Port4	*CTL	[1 to 65535 / <b>49104</b> / 1/step]
008	NAT UI Port4	*CTL	[1 to 65535 / <b>55104</b> / 1/step]
009	NAT Machine Port5	*CTL	[1 to 65535 / <b>49105</b> / 1/step]
010	NAT UI Port5	*CTL	[1 to 65535 / <b>55105</b> / 1/step]
011	NAT Machine Port6	*CTL	[1 to 65535 / <b>49106</b> / 1/step]
012	NAT UI Port6	*CTL	[1 to 65535 / <b>55106</b> / 1/step]
013	NAT Machine Port7	*CTL	[1 to 65535 / <b>49107</b> / 1/step]
014	NAT UI Port7	*CTL	[1 to 65535 / <b>55107</b> / 1/step]

015	NAT Machine Port8	*CTL	[1 to 65535 / <b>49108</b> / 1/step]
016	NAT UI Port8	*CTL	[1 to 65535 / <b>55108</b> / 1/step]
017	NAT Machine Port9	*CTL	[1 to 65535 / <b>49109</b> / 1/step]
018	NAT UI Port9	*CTL	[1 to 65535 / <b>55109</b> / 1/step]
019	NAT Machine Port10	*CTL	[1 to 65535 / <b>49110</b> / 1/step]
020	NAT UI Port10	*CTL	[1 to 65535 / <b>55110</b> / 1/step]

<b>5730</b>	<b>[Extended Function Setting]</b>		
	-		
001	JavaTM Platform setting	*CTL	[0 or 1 / <b>1</b> / -] 0: Disable, 1: Enable
	Enables/disables the Java TM plataform.		
002	JavaTM Platform display	*CTL	[Read Only / <b>1</b> / -] 1(enable)[FIXED]
	Check whether JavaVM is enable of not.		
010	Expiration Prior Alarm Set	*CTL	[0 to 999 / <b>20</b> / 1 day/step]

<b>5731</b>	<b>[Counter Effect]</b>		
	This SP is used only for DOM machines.		
001	Change MK1 Cnt (Paper->Combine)	*CTL	[0 or 1 / <b>0</b> / 1/step]

<b>5734</b>	<b>[PDF Setting]</b>		
	Limits PDF file types in Scan to, sending fax, and web download.		
001	PDF/A Fixed	*CTL	[0 to 1 / <b>0</b> / 1/step] 0: non-fixed setting 1: fixed setting (PDF/A use only)

<b>5741</b>	<b>[Node Authentication Timeout]</b>		
	Specifies the timeout of the node authentication.		
001	PDF/A Fixed	*CTL	[1 to 225 / <b>60</b> / 1/step]

<b>5745</b>	<b>[PowerConsumption]</b>		
211	Controller Standby	*CTL	[0 to 9999 / <b>0</b> / 1/step]
212	STR	*CTL	[0 to 9999 / <b>0</b> / 1/step]
213	Main Power Off	*CTL	[0 to 9999 / <b>0</b> / 1/step]
214	Scanning and Printing	*CTL	[0 to 9999 / <b>0</b> / 1/step]
215	Printing	*CTL	[0 to 9999 / <b>0</b> / 1/step]
216	Scanning	*CTL	[0 to 9999 / <b>0</b> / 1/step]
217	Engine Standby	*CTL	[0 to 9999 / <b>0</b> / 1/step]
218	Low Power Consumption	*CTL	[0 to 9999 / <b>0</b> / 1/step]
219	Silent Consumption	*CTL	[0 to 9999 / <b>0</b> / 1/step]
220	Heater Off	*CTL	[0 to 9999 / <b>0</b> / 1/step]

<b>5746</b>	<b>[BMLinkS]</b>		
	*This SP is available with only D176 or D177.		
001	available	*CTL	[0 or 1 / <b>1</b> / 1/step]
	Enables or disables the BMLinkS service.		
002	Interval:mon	*CTL	[10 to 3600 / <b>60</b> / 1/step]
	Sets the poling interval for BMLinkS service.		
004	Available:log	*CTL	[0 or 1 / <b>1</b> / 1/step]
	Sets whether to send log data of BMLinkS service.		

<b>5747</b>	<b>[Browser Setting]</b>		
	-		



201	JPEG Quality	*CTL	[0 to 100 / <b>100</b> / 1%/step]
203	Extended Memory Limit	*CTL	[0 or 1 / <b>0</b> / 1/step ] 0: Use extended memory 1: Not use extended memory
204	Vertical Scroll Display Setting	*CTL	[0 or 1 / <b>0</b> / 1/step]
206	Browser Setting 3	CTL	[0 to 255 / <b>0</b> / 1/step]
207	Browser Setting 4	CTL	[0 to 255 / <b>0</b> / 1/step]
208	Browser Setting 5	CTL	[0 to 255 / <b>0</b> / 1/step]
209	Browser Setting 6	CTL	[0 to 255 / <b>0</b> / 1/step]
210	Browser Setting 7	CTL	[0 to 255 / <b>0</b> / 1/step]
211	Browser Setting 8	CTL	[0 to 255 / <b>0</b> / 1/step]
212	Browser Setting 9	CTL	[0 to 255 / <b>0</b> / 1/step]
213	Browser Setting 10	CTL	[char. code + 0-255 bytechar. / <b>NULL</b> / -]
Reserved SP: -206 through -213			

<b>[OpePanel Setting]</b>			
<b>5748</b>	This SP setting is required when smart operation panel is installed on MFP. *This SP is available with only D176 or D177.		
101	Op Type Action Setting	CTL	[0x00 to 0xFF / <b>00000000</b> / 0x01/ step] • bit0 0: Normal operation panel 1: Smart operation panel
201	Cheetah Panel Connect Setting	CTL	[0 or 1 / <b>0</b> / 0/step] 0: OFF 1: ON

5749	<b>[Import/Export]</b>		
	Imports and exports preference information.		
001	Export	CTL	[- / - / -] Target: System, Printer, Fax, Scanner Option: Unique, Secret Copy config: Encryption, Encryption key(if selected) [Execute]
101	Import	CTL	[- / - / -] Option: Unique Copy config: Encryption, Encryption key(if selected) [Execute]

5751	<b>[Key Event Encryption Setting]</b>		
	Sets the key to encrypt the key information.		
001	Password	*CTL	[0 to 31 / - / -] [Soft Key Board]

5752	<b>[Copy FlairAPIFunction Setting]</b>			
	CopyFlairAPI Function enable / disable.			
001	0x00 – 0xff	*CTL	* see BitSwitch below:	
bit	Setting	meanings		Description
		0	1	
bit 0	Start of FlairAPI Server	<b>Off (Do not Start)</b>	<b>On (Start)</b>	Sets whether to start exclusive FlairAPI http server. If it is 0, scanning FlairAPI function and simple UI function will be disabled. The machine installed Android operating panel option, set "1", others set "0".

bit 1	Access permission of FlairAPI from outside of the machine	<b>Disabled</b>	Enabled	If it is "0", accessing is limited from the machine only, such as operating panel, SDK/J, MFP browsers etc... If it is "1", accessing is allowed from outside of FlairAPI such as PC, Remote UI, IT-Box etc...
bit 2	Reserved	-	-	-
bit 3	Reserved	-	-	-
bit 4	Simple UI Function	<b>Disabled</b>	Enabled	If it is "1", the machine can be used Scanner Simple UI. If it is "0", requesting URL of Simple UI returns "404 Not Found"
bit 5	Accessing permission of Simple UI from outside of the machine	<b>Disabled</b>	Enabled	If it is "0", accessing is limited from the machine only (operating panel and MFP browser). If it is "1", accessing is allowed from outside of Simple UI such as PC, mobile devices, and so on.
bit 6	Reserved	-	-	-
bit 7	Reserved	-	-	-

<b>5754</b>	<b>[Cloud Fax] DFU</b>		
001	Set Func	*CTL	[0 or 1 / 0 / 1/step]

<b>5755</b>	<b>[Display Setting]</b>		
001	Disp Administrator Password Change Scrn	CTL	[- / - / -] [EXECUTE]
	Executing this SP displays the administrator/supervisor password change screen at the next startup.		

002	Hide Administrator Password Change Scrn	CTL	[- / - / -] [EXECUTE]
	Executing this SP hides the password change screen.		

<b>5801 [Memory Clear]</b>			
001	All Clear	CTL	[- / - / -] [Execute]
	Resets all correction data for process control and all software counters, and returns all modes and adjustments to their default values.		

<b>5801 [Memory Clear]</b>			
002	Engine	ENG	[- / - / -] [Execute]
	Clears non-volatile memory of engine.		

<b>5801 [Memory Clear]</b>			
Select following SPs and press [Execute] on LCD. After executing, reboot the machine.			
003	SCS	CTL	[- / - / -] [Execute]
	Initializes default system settings, SCS (System Control Service) settings, operation display coordinates, and ROM update information.		
004	IMH Memory Clr	CTL	[- / - / -] [Execute]
	Initializes the IMH settings.		
005	MCS	CTL	[- / - / -] [Execute]
	Initializes the Mcs settings.		

006	Copier application	CTL	[- / - / -] [Execute]
	Initializes all copier application settings.		
007	Fax Application	CTL	Invalid Operation
	Initializes the fax reset time, job login ID, all TX/RX settings, local storage file numbers, and off-hook timer.		
008	Printer Application	CTL	[- / - / -] [Execute]
	<p>The following service settings:</p> <ul style="list-style-type: none"> <li>• Bit switches</li> <li>• Gamma settings (User &amp; Service)</li> <li>• Toner Limit</li> </ul> <p>The following user settings:</p> <ul style="list-style-type: none"> <li>• Tray Priority</li> <li>• Menu Protect</li> <li>• System Setting except for setting of Energy Saver</li> <li>• I/F Setup (I/O Buffer and I/O Timeout)</li> <li>• PCL Menu</li> </ul>		
009	Scanner Application	CTL	[- / - / -] [Execute]
	Initializes the scanner defaults for the scanner and all the scanner SP modes.		
	Deletes the network file application management files and thumbnails, and initializes the job login ID.		
010	Web Service	CTL	[- / - / -] [Execute]
	Deletes the network file application management files and thumbnails, and initializes the job login ID.		

011	NCS	CTL	[- / - / -] [Execute]
	All setting of Network Setup (User Menu) (NCS: Network Control Service)		
012	R-FAX	CTL	[- / - / -] [Execute]
	Initializes the job login ID, SmartDeviceMonitor for Admin, job history, and local storage file numbers.		
014	Clear DCS Setting	CTL	[- / - / -] [Execute]
	Initializes the DCS (Delivery Control Service) settings.		
015	Clear UCS Setting	CTL	[- / - / -] [Execute]
	Initializes the UCS (User Information Control Service) settings.		
016	MIRS Memory Clr	CTL	[- / - / -] [Execute]
	Initializes the MIRS (Machine Information Report Service) settings.		
017	CCS	CTL	[- / - / -] [Execute]
	Initializes the CCS (Certification and Charge-control Service) settings.		
018	SRM Memory Clr	CTL	[- / - / -] [Execute]
	Initializes the SRM (System Resource Manager) settings.		
019	LCS	CTL	[- / - / -] [Execute]
	Initializes the LCS settings.		

020	Web Uapli	CTL	[- / - / -] [Execute]
	Initializes the web user application settings.		
021	ECS	CTL	[- / - / -] [Execute]
	Initializes the ECS settings.		
023	AICS	CTL	[- / - / -] [Execute]
	Initializes the AICS settings.		
024	BROWSER	CTL	[- / - / -] [Execute]
	Initializes the browser settings.		
025	Websys	CTL	[- / - / -] [Execute]
	Initializes the Web system settings.		
026	PLN	CTL	[- / - / -] [Execute]
	Initializes the PLN settings.		
027	SAS	CTL	[- / - / -] [Execute]
	Initializes the SAS settings.		
5803	<b>[INPUT Check]</b>		
	See page 763		
5804	<b>[OUTPUT Check]</b>		
	See page 793		

5805	<b>[Anti-Condensation Heater]</b>		
	Switches ON/OFF dehumidify heater / dew condensation preventing heater during standby. 0: OFF... Switches OFF when standby (default setting) 1: ON... Switches ON when standby		
001	0:OFF / 1:ON	*ENG	[0 or 1 / 0 / 1/step] 0: OFF... Switches OFF when standby (default setting) 1: ON... Switches ON when standby

5810	<b>[SC Reset]</b>		
001	Fusing SC Reset	*ENG	[0 or 1 / 0 / 1/step]
002	Hard High Temp. Detection	*ENG	[0 or 1 / 0 / 1/step]

5811	<b>[MachineSerial]</b>		
002	Display	*ENG	[0 to 255 / 0 / 1/step]
	Displays serial number.		

5811	<b>[MachineSerial Set]</b>		
002	Display	*ENG	[0 to 255 / 0 / 1/step]
	Sets the ID-2 code used for device identification in CSS installation.		
004	BCU	*ENG	[0 to 255 / 0 / 1/step]
	Displays/Enters serial number of BCU:FROM Same as SP5-811-001.		

5812	<b>[Service Tel. No. Setting]</b>		
001	Service	*CTL	[up to 20 / - / 1/step]
	Sets the telephone number for a service representative. This number is printed on the Counter List, which can be printed with the user's "Counter" menu. This can be up to 20 characters (both numbers and alphabetic characters can be input).		



002	Facsimile	*CTL	[up to 20 / - / 1/step]
	Sets the fax or telephone number for a service representative. This number is printed on the Counter List. This can be up to 20 characters (both numbers and alphabetic characters can be input).		
003	Supply	*CTL	[up to 20 / - / 1/step]
	Use this to input the telephone number of your supplier for consumables. Enter the number and press #.		
004	Operation	*CTL	[up to 20 / - / 1/step]
	Use this to input the telephone number of your sales agency. Enter the number and press #.		

<b>5816</b>	<b>[Remote Service]</b>		
001	I/F Setting	*CTL	[0 to 2 / <b>2</b> / 1/step] 0: Remote service off 1: CSS remote service on 2: NRS remote service on
	Selects the remote service setting.		
002	CE Call	*CTL	[0 or 1 / <b>1</b> / 1/step] 0: Start of the service 1: End of the service
	Performs the CE Call at the start or end of the service. <b>Note</b> <ul style="list-style-type: none"> <li>This SP is activated only when SP 5816-001 is set to "2".</li> </ul>		
003	Function Flag	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: Disabled 1: Enabled
	Enables or disables the remote service function.		

007	SSL Disable	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: Yes. SSL not used. 1: No. SSL used.
	Controls if RCG (Remote Communication Gate) confirmation is done by SSL during an RCG send for the @Remote over a network interface.		
008	RCG Connect Timeout	*CTL	[1 to 90 / <b>30</b> / 1second/step]
	Sets the length of time (seconds) for the time-out when the RCG (Remote Communication Gate) connects during a call via the @Remote network.		
009	RCG Write Timeout	*CTL	[0 to 100 / <b>60</b> / 1second/step]
	Sets the length of time (seconds) for the time-out when the RCG (Remote Communication Gate) connects during a call via the @Remote network.		
010	RCG Read Timeout	*CTL	[0 to 100 / <b>60</b> / 1second/step]
	Sets the length of time (seconds) for the timeout when sent data is written from the RCG during a call over the @Remote network.		
011	Port 80 Enable	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: No. Access denied 1: Yes. Access granted.
	Controls if permission is given to get access to the SOAP method over Port 80 on the @Remote network.		
013	RFU Timing	*CTL	[0 or 1 / <b>1</b> / 1/step] 0: Any status of a target machine 1: Sleep or panel off mode only
	Selects the timing for the remote firmware updating.		
014	RCG Error Cause	CTL	[0 or 1 / <b>0</b> / 1/step] 0: Initial state, normal condition 1: Error
	Displays RCG connection error. cause		

021	RCG – C Registered	*CTL	[0 or 1 / 0 / 1/step] 0: Installation not completed 1: Installation completed
	This SP displays and selects the RCG-N connection method.		
023	connect type(N/M)	*CTL	[0 or 1 / 0 / 1/step] 0: internet connection 1: Dial-up connection
	Displays the connection type of the NRS G/W and Cumin. The value will be changed after installation completed in the case of dial-up connection.		
061	Cert Expire Timing	*CTL	[0 to 0xffffffff / 0 / 1/step] 0: Not use 1: Use
	Sets the date for expiration notification.		
062	Use Proxy	*CTL	[0 or 1 / 0 / 1/step] 0: Not use 1: Use
	This SP setting determines if the proxy server is used when the machine communicates with the service center.		
063	Proxy Host	*CTL	[- / - / -]
	<p>This SP sets the address of the proxy server used for communication between the RCG device and the gateway. Use this SP to set up or display the customer proxy server address. The address is necessary to set up the embedded RCG-N.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>The address display is limited to 128 characters. Characters beyond the 128 character are ignored.</li> <li>This address is customer information and is not printed in the SMC report.</li> </ul>		

064	Proxy PortNumber	*CTL	[0 to 0xffff / 0 / 1/step]
	<p>This SP sets the port number of the proxy server used for communication between the embedded RCG-N and the gateway. This setting is necessary to set up the embedded RC Gate-N.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>This port number is customer information and is not printed in the SMC report.</li> </ul>		
065	Proxy User Name	*CTL	[up to 31 / - / 1/step]
	<p>This SP sets the HTTP proxy certification user name. The length of the name is limited to 31 characters. Any character beyond the 31<sup>st</sup> character is ignored.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>This name is customer information and is not printed in the SMC report.</li> </ul>		
066	Proxy Password	*CTL	[up to 31 / - / 1/step]
	<p>This SP sets the HTTP proxy certification password.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>The length of the password is limited to 31 characters. Any character beyond the 31<sup>st</sup> character is ignored.</li> <li>This name is customer information and is not printed in the SMC report.</li> </ul>		

	CERT:Up State	*CTL	[0 to 255 / 0 / 1/step]
	<p>Displays status of the certification used for Cumin.</p> <p>If it is not installed as Cumin, the value of this SP will be set when it installed, after checking the certification status.</p>		
	0	The certification adequately set on the machine.	
	1	Request for certification update in progress.	
	2	Certification Update completed and notification of the success status to the G/W in progress.	
	3	Certification Update failed and notification of the result to the G/W in progress.	
	4	Certification expiration date will be coming soon. Notifying the G/W to request for certification update.	
	11	Rescue certification setting for connecting to the rescue G/W in progress because update for rescue certification needed.	
067	12	Setting for rescue certification has completed. Requesting to the rescue G/W for updating certification.	
	13	Notification for certification updating request has completed. Waiting for the certification update request from the rescue G/W.	
	14	Received the notification for certification updating request from the rescue G/W. Writing the certification.	
	15	Writing the certification has completed. Notifying the result of certification update to the G/W.	
	16	Writing the certification has failed. Notifying the result of certification update to the G/W.	
	17	Writing a rescue certification because received a certification error again after completed the certification update request from the G/W and noticed the result of certification update with the updated certification.	
	18	The writing operation mentioned in #17 has completed. Notifying the result of certification update to the rescue G/W.	

068	CERT: Error	*CTL	[0 to 255 / 0 / 1/step]
	Displays a number code that describes the reason for the request for update of the certification.		
	0	Normal. There is no request for certification update in progress.	
	1	Request for certification update in progress. The current certification has expired.	
	2	An SSL error notification has been issued. Issued after the certification has expired.	
	3	Notification of shift from a common authentication to an individual certification.	
	4	Notification of a common certification without ID2.	
	5	Notification that no certification was issued.	
6	Notification that GW URL does not exist.		
069	CERT: Up ID	*CTL	[- / - / -]
	-		
083	Firm Up Status	*CTL	[0 to 5 / 0 / 1/step] 0: Waiting for accepting firm update 1: Waiting for firm update start schedule 2: Waiting for user confirmation 3: In preparation for the machine firm update 4: processing the machine firm update 5: processing the closing operation of the machine firm update
085	Firm Up User Check	CTL	[- / - / -]
	This SP setting determines if the operator can confirm the previous version of the firmware before the firmware update execution. If the option to confirm the previous version is selected, a notification is sent to the system manager and the firmware update is done with the firmware files from the URL.		
086	Firmware Size	CTL	[- / - / -]
	Allows the service technician to confirm the size of the firmware data files during the firmware update execution.		

087	CERT:Macro Ver.	CTL	[8digits / - / 1 digit/step]
	Displays the macro version of the @Remote certification. This SP displays 8-digit characters.		
088	CERT:PAC Ver.	CTL	[16digits / - / 1 digit/step]
	Displays the PAC version of the @Remote certification. This SP displays 16-digit characters.		
089	CERT:ID2Code	CTL	[17digits / - / 1 digit/step]
	Displays ID2 for the @Remote certification. Spaces are displayed as underscores (_). Asterisks (****) indicate that no @Remote certification exists. This SP displays 17-digit characters.		
090	CERT:Subject	CTL	[17digits / - / 1 digit/step]
	Displays the common name of the @Remote certification subject. CN = the following 17 bytes. Spaces are displayed as underscores (_). Asterisks (****) indicate that no DESS exists.		
091	CERT:Serial No.	CTL	[16digits / - / 1 digit/step]
	Displays serial number for the NRS certification. Asterisks (****) indicate that no DESS exists. This SP displays 16-digit characters		
092	CERT:Issuer	CTL	[30digits / - / 1 digit/step]
	Displays the common name of the issuer of the @Remote certification. CN = the following 30 bytes. Asterisks (****) indicate that no DESS exists.		
093	CERT:Valid Start	CTL	[10digits / - / 1 digit/step]
	Displays the start time of the period for which the current @Remote certification is enabled. This SP displays 10-digit characters.		
094	CERT:Valid End	CTL	[10digits / - / 1 digit/step]
	Displays the end time of the period for which the current @Remote certification is enabled. This SP displays 10-digit characters.		
102	CERT:Encrypt Level	*CTL	[1 to 2 / 1 / 1/step]
	Displays the encryption strength of NRS certification.		

103	Client Communication Method	*CTL	[0 to 3 / 0 / 1/step]
	Stores the communication method that the machine has succeeded @Remote client communication.		
104	Client Communication Limit	*CTL	[1 to 7 / 7 / 1/step]
	Restricts the NRSGateway destinations that are used when RCGATE operating. If NRS operating, the setting will be deactivated and the destinations will not be restricted. The detail is shown below.		

Input value	Host name	IPv6 address	IPv4 address
1	Disabled	Disabled	Enabled
2	Disabled	Enabled	Disabled
3	Disabled	Enabled	Enabled
4	Enabled	Disabled	Disabled
5	Enabled	Disabled	Enabled
6	Enabled	Enabled	Disabled
7	Enabled	Enabled	Enabled
115	Network Information Waiting timer	*CTL	[5 to 255 / 5 / 1sec. /step]
	Stores the time to decide that the network information of the machine is determined. When a network starting notification from SCS or an IPv6 address event notification has not issue within the setting time, the NRS deems that the network information is determined, and notices the configuration change notification to mediating devices.		



Input value	Host name	IPv6 address	IPv4 address
150	Selection Country	CTL	[0 to 10 / 1 / 1/step] 0: Japan 1: USA 2: Canada 3: UK 4: Germany 5: France 6: Italy 7: Netherlands 8: Belgium 9: Luxembourg 10: Spain
	Select the country where embedded RCG-M is installed in the machine. After selecting the country, you must also set the following SP codes for embedded RCG-M: <ul style="list-style-type: none"> <li>• SP5816-153</li> <li>• SP5816-154</li> <li>• SP5816-161</li> </ul>		
151	Line Type Automatic Judgment	CTL	[- / - / -] [Execute]
	Press [Execute]. Setting this SP classifies the telephone line where embedded RCG-M is connected as either dial-up (pulse dial) or push (DTMF tone) type, so embedded RCG-M can automatically distinguish the number that connects to the outside line.		

Input value	Host name	IPv6 address	IPv4 address
152	Line Type Judgment Result	CTL	[0 to 9 / - / 1/step]
	<p>Displays a number to show the result of the execution of SP5816 151. Here is a list of what the numbers mean.</p> <p>0: Success</p> <p>1: In progress (no result yet). Please wait.</p> <p>2: Line abnormal</p> <p>3: Cannot detect dial tone automatically</p> <p>4: Line is disconnected</p> <p>5: Insufficient electrical power supply</p> <p>6: Line classification not supported</p> <p>7: Error because fax transmission in progress – ioctl() occurred.</p> <p>8: Other error occurred</p> <p>9: Line classification still in progress. Please wait.</p>		
153	Selection Dial / Push	CTL	<p>[0 or 1 / 0 / 1 /step]</p> <p>0: Tone Dialing Phone</p> <p>1: Pulse Dialing Phone</p> <p>Inside Japan "2" may also be displayed:</p> <p>0: Tone Dialing Phone</p> <p>1: Pulse Dialing Phone 10PPS</p> <p>2: Pulse Dialing Phone 20PPS</p>
			<p>This SP displays the classification (tone or pulse) of the telephone line to the access point for embedded RCG-M. The number displayed (0 or 1) is the result of the execution of SP5816-151. However, this setting can also be changed manually.</p>

Input value	Host name	IPv6 address	IPv4 address
154	Outside Line Outgoing Number	CTL	[- / - / -]
	<p>The SP sets the number that switches to PSTN for the outside connection for embedded RCG-M in a system that employs a PBX (internal line).</p> <ul style="list-style-type: none"> <li>• If the execution of SP5816-151 has succeeded and embedded RCG-M has connected to the <b>external</b> line, this SP display is completely blank.</li> <li>• If embedded RCG-M has connected to an <b>internal</b> line, then the number of the connection to the external line is displayed.</li> <li>• If embedded RCG-M has connected to an external line, a comma is displayed with the number. The comma is inserted for a 2 sec. pause.</li> </ul> <p>The number setting for the external line can be entered manually (including commas).</p>		
156	Dial Up User Name	CTL	[up to 32 / - / 1/step]
	<p>Use this SP to set a user name for access to remote dial up. Follow these rules when setting a user name:</p> <ul style="list-style-type: none"> <li>• Name length: Up to 32 characters</li> <li>• Spaces and # allowed but the entire entry must be enclosed by double quotation marks ("").</li> </ul>		
157	Dial Up Password	CTL	[up to 32 / - / 1/step]
	<p>Use this SP to set a password for access to remote dial up. Follow these rules when setting a user name:</p> <ul style="list-style-type: none"> <li>• Name length: Up to 32 characters</li> <li>• Spaces and # allowed but the entire entry must be enclosed by double quotation marks ("").</li> </ul>		
161	Local Phone Number	CTL	[up to 24 / - / 1/step]
	<p>Use this SP to set the telephone number of the line where embedded RCG-M is connected. This number is transmitted to and used by the Call Center to return calls.</p> <p>Limit: 24 numbers (numbers only)</p>		

Input value	Host name	IPv6 address	IPv4 address
162	Connection Timing Adjustment Incoming	CTL	[0 to 24 / 1 / 1/step]
	<p>When the Call Center calls out to an embedded RCG-M modem, it sends a repeating ID tone (*#1#). This SP sets the time the line remains open to send these ID tones after the number of the embedded RCG-M modem is dialed up and connected.</p> <p>The actual amount of time is this setting x 2 sec. For example, if you set "2" the line will remain open for 4 sec.</p>		
163	Access Point	CTL	[0 to 16 / 0 / 1/step]
	<p>This is the number of the dial-up access point for RCG-M. If no setting is done for this SP code, then a preset value (determined by the country selected) is used.</p> <p>Default: 0</p> <p>Allowed: Up to 16 alphanumeric characters</p>		
164	Line Connecting	CTL	[0 to 1 / 0 / 1/step] 0: Sharing Fax 1: No Sharing Fax
	<p>This SP sets the connection conditions for the customer. This setting dedicates the line to RCG-M only, or sets the line for sharing between RCG-M and a fax unit.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>If this setting is changed, the copier must be cycled off and on.</li> <li>SP5816187 determines whether the off-hook button can be used to interrupt a RCG-M transmission in progress to open the line for fax transaction.</li> </ul>		
173	Modem Serial No.	CTL	[- / - / -]
	<p>This SP displays the serial number registered for the RCG-M.</p>		
174	Retransmission Limit	CTL	[- / - / -]
	<p>Normally, it is best to allow unlimited time for certification and ID2 update requests, and for the notification that the certification has been completed. However, RCG-M generates charges based on transmission time for the customer, so a limit is placed upon the time allowed for these transactions.</p> <p>If these transactions cannot be completed within the allowed time, do this SP to cancel the time restriction.</p>		

Input value	Host name	IPv6 address	IPv4 address
187	FAX TX Priority	CTL	[0 or 1 / 0 / 1/step] 0: Disable 1: Enable
	This SP determines whether pushing the off-hook button will interrupt a RCG-M transmission in progress to open the line for fax transaction. This SP can be used only if SP5816 164 is set to "0".		
200	Manual Polling	CTL	[- / - / -] [Execute]
	Performs center polling when executed.		
201	Regist Status	CTL	[0 to 4 / 0 / 1/step] [Execute]
	Displays the installation status as the target of NRS services.		
	0	Not installed as NRS machines or Cumin.	
	1	Installing as Cumin. Box enrollment has completed. Unable to response for the machine serching from Basil at this status.	
	2	Installation has completed. Unable to response for the machine serching from Basil at this status.	
	3	As a NRS machine, installation has completed. It cannot install as Cumin.	
4	NRS modules is not being launched.		
202	Letter Number	*CTL	[- / - / -]
	Sets the request number that is required to install Cumin.		
203	Confirm Execute	*CTL	[- / - / -] [Execute]
	Executes the request number inquiry to NRS G/W.		

Input value	Host name	IPv6 address	IPv4 address
204	Confirm Result	CTL	[0 to 255 / 0 / 1/step] 0: Success Inquiry 1: Request number error 3: Communication error (Enabled Proxy) 4: Communication error (Disabled Proxy) 5: Proxy error (failed auth.) 6: Communication error 8: Other error (See SP5-816-208 for detail) 9: Processing inquiry 20: Failed Dial-up auth. 21: Failed answer tone detection 22: Failed career detection 23: Invalid modem value 24: Shortage of electrical current 25: Cable disconnected 26: Line occupied
Displays the result of SP5-816-203.			

Input value	Host name	IPv6 address	IPv4 address
205	Confirm Place	CTL	[0 to 255 / 0 / 1/step] 0: Success registration 1: Request number error 3: Communication error (Enabled Proxy) 4: Communication error (Disabled Proxy) 5: Proxy error (failed auth.) 6: Communication error 8: Other error (See SP5-816-208 for detail) 9: Processing registration 20: Failed Dial-up auth. 21: Failed answer tone detection 22: Failed career detection 23: Invalid modem value 24: Shortage of electrical current 25: Cable disconnected 26: Line occupied
	Displays the installed section informed from G/W for response of request number inquiry if the section is enrolled on the G/W.		
206	Register Execute	CTL	[- / - / -] [Execute]
	Executes the registration of Cumin.		
207	Register Result	CTL	[0 to 255 / 0 / 1/step]
	Displays the registration result. Shows the executed status of SP5-816-206.		
208	Error Code	CTL	[-2147483647 to 2147483647 / 0 / -]
	Displays the registration result of SP5-816-204.		

Input value	Host name	IPv6 address	IPv4 address
208	<b>Invalid modem parameter</b>		
	-11001	Chat parameter error.	
	-11002	Chat execution error.	
	-11003	Unexpected error	
	-11004	Disconnect operation occurred during modem communication,	
	-11005	NCS reboot occurred during modem communication.	
208	<b>Errors with invalid procedure or settings</b>		
	-12002	Attempted to inquiry or registration without obtaining the installation status.	
	-12003	Attempted to registrate without inquiry despite un-registered status.	
	-12004	Attempted to install with invalid certification, ID2, and without input the machine number.	
	-12005	Executed inquiry/ registration in a invalid Cumin function and prohibited @Remote communication.	
208	-12006	Attempted to inquiry in BOX registration completed.	
	-12007	Registration attempted with the different request number from the number used for the last inquiry.	
	-12008	Certificaton update failed because Job processing etc.	
	-12009	Mismatched between ID2 in NR-RAM and ID2 in the individual certification.	
	-12010	Not initialized the certification area.	
208	<b>Error with error response from G/W</b>		
	-2385	Inappropriate international dialing prefix	
	-2387	Not supported in the center.	
	-2389	DB failure	
	-2390	Program failure	
	-2391	Double registration of the machine	



Input value	Host name	IPv6 address	IPv4 address
208	-2392	Parameter error	
	-2393	Not managed Basil	
	-2394	Not managed machine	
	-2395	Invalid BOX ID of Basil	
	-2396	Invalid Devic ID of Basil	
	-2397	Different format of ID2 (includes invalid ID2)	
	-2398	Different format of request number	
209	Instl Clear	CTL	[- / - / -]
	Clears the devices installed as @Remote.		
240	CommonErrorTime	-	[- / - / -]
241	CommonErrorCode 1	-	[- / - / -]
242	CommonErrorCode 2	-	[- / - / -]
243	CommonErrorCode 3	-	[- / - / -]
244	CommonErrorState 1	-	[- / - / -]
245	CommonErrorState 2	-	[- / - / -]
246	CommonErrorState 3	-	[- / - / -]
247	SSL Error Count	-	[- / 0 / -]
248	Other Err Count	-	[- / 0 / -]
250	Commlog Print	CTL	[- / - / -]
	Prints the content of communication log (mmeg 8182) on @Remote.		
5821	<b>[Remote Service RCG Setting]</b>		

002	RCG IPv4 Address	*CTL	[00000000h to FFFFFFFFh / 00000000h / 1/step]
	Sets the IP address of the RCG (Remote Communication Gate) destination for call processing at the remote service center.		
<b>5821</b>	<b>[Remote Service RCG Setting]</b>		
003	RCG Port	*CTL	[0 to 65535/ <b>443</b> / 1/step]
	Sets the port number of the RCG (Remote Communication Gate) destination for call processing at the remote service center.		
004	RCG IPv4 URL Path	*CTL	[0 to 16 characters (half characters) Default <b>/RCG/services/ -</b> ]
005	RCG IPv6 Address	*CTL	<b>[- / 0 / -]</b>
	Sets the IPv6 address of the RCG destination for call processing at the remote service center.		
006	RCG IPv6 URL Path	*CTL	[0 to 15 / <b>"/RCG/services/" / -]</b>
	Sets the IPv6 address of the RCG destination URL path for call processing at the remote service center.		
007	RCG Host Name	*CTL	[1 to 255 / - / -]
	Sets the IPv6 address of the RCG destination host name for call processing at the remote service center.		
008	RCG Host URL Path	*CTL	[0 to 15 / <b>"/RCG/services/" / -]</b>
	Sets the IPv6 address of the RCG host name destination URL path for call processing at the remote service center.		
<b>5824</b>	<b>[NV-RAM Data Upload]</b>		
	Uploads the NVRAM data to an SD card. Push Execute.		
001	NV-RAM Data Upload	CTL	<b>[- / - / -]</b> [Execute]

5825	<b>[NV-RAM Data Download]</b>		
	Downloads data from an SD card to the NVRAM in the machine. After downloading is completed, remove the card and turn the machine power off and on.		
001	NV-RAM Data Download	CTL	[- / - / -] [Execute]

5828	<b>[Network Setting]</b>		
050	1284 Compatibility (Centro)	*CTL	[0 or 1 / 1 / 1/step] 0: Disabled 1: Enabled
	Enables or disables 1284 Compatibility.		
052	ECP (Centro)	*CTL	[0 or 1 / 1 / 1/step] 0: Disabled 1: Enabled
	Enables or disables ECP Compatibility.		
065	Job Spooling	*CTL	[0 or 1 / 0 / 1/step] 0: Disabled 1: Enabled
	Enables/disables Job Spooling.		
066	Job Spooling Clear: Start Time	*CTL	[0 or 1 / 1 / 1/step] 0: ON (Data is cleared) 1: OFF (Automatically printed)
	Treatment of the job when a spooled job exists at power on.		

069	Job Spooling (Protocol)	* CTL	<p>[0 or 1 / 01111111 / 1/step]</p> <p>0: Validates</p> <p>1: Invalidates</p> <p>bit0: LPR</p> <p>bit1: FTP</p> <p>bit2: IPP</p> <p>bit3: SMB</p> <p>bit4: BMLinkS</p> <p>bit5: DIPRINT</p> <p>bit6: sftp</p> <p>bit7: (Reserved)</p>
	Validates or invalidates the job spooling function for each protocol.		
087	Protocol usage	* CTL	<p>[0 or 1 / 0x00000000 / 1bit/step]</p>
	<p>Shows which protocols have been used with the network.</p> <p>0: Off (Not used the network with the protocol.)</p> <p>1: On (Used the network with the protocol once or more.)</p> <p>bit0: IPsec, bit1: IPv6, bit2: IEEE 802. 1X, bit3:Wireless LAN,</p> <p>bit4: Security mode level setting, bit5:Appletalk, bit6: DHCP,</p> <p>bit7: DHCPv6, bit8: telnet, bit9: SSL, bit10: HTTPS,</p> <p>bit11: BMLinkS printing, bit12: diprint printing, bit13: LPR printing,</p> <p>bit14: ftp printing, bit15: rsh printing, bit16: SMB printing,</p> <p>bit17: WSD-Printer, bit18: WSD-Scanner, bit19: Scan to SMB,</p> <p>bit20: Scan to NCP, bit21: Reserve, bit22: Bluetooth,</p> <p>bit23: IEEE 1284, bit24: USB printing, bit25: Dynamic DNS,</p> <p>bit26: Netware printing, bit27: LLTD, bit28: IPP printing,</p> <p>bit29: IPP printing (SSL), bit30: ssh, bit31: sftp</p>		
090	TELNET (0: OFF 1: ON)	* CTL	<p>[0 or 1 / 1 / 1/step]</p> <p>0: Disable</p> <p>1: Enable</p>
	Enables or disables the Telnet protocol.		

091	Web (0: OFF 1: ON)	* CTL	[0 or 1 / 1 / 1/step] 0: Disable 1: Enable
Enables or disables the Web operation.			
145	Active IPv6 Link Local Address	CTL	[- / - / -]
<p>This is the IPv6 local address link referenced on the Ethernet or wireless LAN (802.11b) in the format: "Link Local Address" + "Prefix Length"</p> <p>The IPv6 address consists of a total 128 bits configured in 8 blocks of 16 bits each.</p>			
147	Active IPv6 Stateless Address 1	CTL	[00000000000000000000000000000000
149	Active IPv6 Stateless Address 2	CTL	0000h to FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF80h /
151	Active IPv6 Stateless Address 3	CTL	<b>00000000000000000000000000000004 0h / -]</b> <p>These SPs are the IPv6 status addresses (1 to 5) referenced on the Ethernet or wireless LAN (802.11b) in the format: "Status Address" + "Prefix Length"</p> <p>The IPv6 address consists of a total 128 bits configured in 8 blocks of 16 bits each.</p>
153	Active IPv6 Stateless Address 4	CTL	[00000000000000000000000000000000
155	Active IPv6 Stateless Address 5	CTL	0000h to FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF80h /
156	IPv6 Manual Address	* CTL	<b>00000000000000000000000000000004 0h / -]</b> <p>These SPs are the IPv6 status addresses (1 to 5) referenced on the Ethernet or wireless LAN (802.11b) in the format: "Status Address" + "Prefix Length"</p> <p>The IPv6 address consists of a total 128 bits configured in 8 blocks of 16 bits each.</p>

158	IPv6 Gateway Address	*CTL	[00000000000000000000000000000000h to FFFFFFFFh / 000000000000000000000000000000h / -]
	This SP is the IPv6 gateway address referenced on the Ethernet or wireless LAN (802.11b). The IPv6 address consists of a total 128 bits configured in 8 blocks of 16 bits each.		
161	IPv6 Stateless Auto Setting	*CTL	[0 or 1 / 1 / 1/step] 0: Disable 1: Enable
	Enables or disables the automatic setting for IPv6 stateless.		
236	Web Item visible	*CTL	[0x0000 to 0xffff / FFFFh / -]
	Displays or does not display the Web system items. bit0: Net RICOH bit1: Consumable Supplier bit2-15: Reserved (all)		
237	Web shopping link visible	*CTL	[0 or 1 / 1 / 1/step] 0: Not display 1: Display
	Displays or does not display the link to Net RICOH on the top page and link page of the web system.		
238	Web supplies Link visible	*CTL	[Up to 31 char / URL1 / 1/step] 0: Not display 1: Display
	Displays or does not display the link to Consumable Supplier on the top page and link page of the web system.		
239	Web Link1 Name	*CTL	[Up to 31 char / URL1 / 1/step]
	This SP confirms or changes the URL1 name on the link page of the web system. The maximum characters for the URL name are 31 characters.		
240	Web Link1 URL	*CTL	[Up to 127char / URL1 / 1/step]
	This SP confirms or changes the link to URL1 on the link page of the web system. The maximum characters for the URL are 127 characters.		

241	Web Link1 visible	*CTL	[Up to 31 char / 1 / -] 0: Not display 1: Display
	Sets/displays whether to display the link of URL1 for websys top page.		
242	Web Link2 Name	*CTL	[- / - / -]
243	Web Link2 URL	*CTL	[- / - / -]
244	Web Link2 visible	*CTL	[- / - / -]
249	DHCPv6 DUID	CTL	[- / - / -]

5832	<b>[HDD Formatting]</b>		
	Initializes the hard disk. Use this SP mode only if there is a hard disk error.		
001	HDD Formatting (ALL)	CTL	[- / - / -] [Execute]
002	HDD Formatting (IMH)	CTL	[- / - / -] [Execute]
003	HDD Formatting (Thumbnail)	CTL	[- / - / -] [Execute]
004	HDD Formatting (Job Log)	CTL	[- / - / -] [Execute]
005	HDD Formatting (Printer Fonts)	CTL	[- / - / -] [Execute]
006	HDD Formatting (User Info)	CTL	[- / - / -] [Execute]
007	Mail RX Data	CTL	[- / - / -] [Execute]
008	Mail TX Data	CTL	[- / - / -] [Execute]

009	HDD Formatting (Data for a Design)	CTL	[- / - / -] [Execute]
010	HDD Formatting (Log)	CTL	[- / - / -] [Execute]
011	HDD Formatting (Ridoc I/F)	CTL	[- / - / -] [Execute]

5836	<b>[Capture Settings]</b>		
	-		
001	Capture Function (0:Off 1:On)	* CTL	[0 or 1 / 0 / 1/step] 0: Disable 1: Enable
	With this function disabled, the settings related to the capture feature cannot be initialized, displayed, or selected.		
002	Panel Setting	*CTL	[0 or 1 / 0 / 1 /step] 0: Displayed 1: Not displayed
	Displays or does not display the capture function buttons.		

5836	<b>[Capture Settings]</b>		
	071	Reduction for Copy Color	*CTL [0 or 3 / 2 / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4



072	Reduction for Copy B&W Text	*CTL	[0 to 3, 6 / 0 / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4 6: 2/3
073	Reduction for Copy B&W Other	*CTL	[0 to 3, 6 / 0 / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4 6: 2/3
074	Reduction for Printer Color	*CTL	[0 or 3 / 2 / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4
075	Reduction for Printer B&W	*CTL	[0 to 3, 6 / 0 / 1/step] 0: 1to-1 1: 1/2 2: 1/3 3: 1/4 6: 2/3
077	Reduction for Printer Color 1200dpi	*CTL	[1, 3 to 5 / 0 / 1/step] 1:1/2 3:1/4 4:1/6 5:1/8

078	Reduction for Printer B&W 1200dpi	*CTL	[0 to 5 / 1 / 1/step] 0: 1 1: 1/2 2: 1/3 3: 1/4 4: 1/6 5: 1/8
081	Format for Copy Color	*CTL	[0 / 0 / 1/step] 0: JFIF/JPEG 1: TIFF/MMR 2: TIFF/MH 3: TIFF/MR
082	Format for Copy B&W Text	*CTL	[ 0 to 3 / 1 / 1/step] 0: JFIF/JPEG 1: TIFF/MMR 2: TIFF/MH 3: TIFF/MR
083	Format for Copy B&W Other	*CTL	[ 0 to 3 / 1 / 1/step] 0: JFIF/JPEG 1: TIFF/MMR 2: TIFF/MH 3: TIFF/MR
084	Format for Printer Color	*CTL	[0 / 0 / 1/step]
085	Format for Printer B&W	*CTL	[ 0 to 3 / 1 / 1/step] 0: JFIF/JPEG 1: TIFF/MMR 2: TIFF/MH 3: TIFF/MR

091	Default for JPEG	*CTL	[5 to 95 / <b>50</b> / 1/step]
	Sets the JPEG format default for documents sent to the document management server via the MLB with JPEG selected as the format. Enabled only when optional MLB (Media Link Board) is installed.		
101	Primary srv IP address	*CTL	[000.000.000.000 to 255.255.255.255 / - / 1/step]
	Sets the IP address for the primary capture server. This is basically adjusted by the remote system.		
102	Primary srv scheme	*CTL	[0 to 6 char / <b>NULL</b> / -/step]
	This is basically adjusted by the remote system.		
103	Primary srv port number	*CTL	[1 to 65535 / <b>80</b> / 1/step]
	This is basically adjusted by the remote system.		
104	Primary srv URL path	*CTL	[0 to 16 char / - / 1/step]
	This is basically adjusted by the remote system.		
111	Secondary srv IP address	*CTL	[000.000.000.000 to 255.255.255.255 / - / 1/step]
	Sets the IP address for the secondary capture server. This is basically adjusted by the remote system.		
112	Secondary srv scheme	*CTL	[0 to 6 char / <b>NULL</b> / -/step]
	This is basically adjusted by the remote system.		
113	Secondary srv port number	*CTL	[1 to 65535 / <b>80</b> / 1/step]
	This is basically adjusted by the remote system.		
114	Secondary srv URL path	*CTL	[0 to 16 char / - / 1/step]
	This is basically adjusted by the remote system.		
120	Default Reso Rate Switch	*CTL	[0 or 1 / <b>0</b> / 1/step]
	This is basically adjusted by the remote system.		

121	Reso Copy(Color)	*CTL	[0 to 255 / 2 / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	This is basically adjusted by the remote system.		
122	Reso: Copy(Mono)	*CTL	[0 to 255 / 3 / 1/step] 0: 600dpi/ 1: 400dpi/ 2: 300dpi/ 3: 200dpi/ 4: 150dpi/ 5: 100dpi/ 6: 75dpi
	This is basically adjusted by the remote system.		
123	Reso Print(Color)	*CTL	[0 to 255 / 2 / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	-		

124	Reso: Print(Mono)	*CTL	[0 to 255 / <b>3</b> / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	Selects the resolution for BW print mode. This is basically adjusted by the remote system.		
126	Reso: Fax(Mono)	*CTL	[0 to 255 / <b>3</b> / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	*This SP is available with only D176 or D177. Selects the resolution for BW fax mode. This is basically adjusted by the remote system.		
127	Reso: Scan(Color)	*CTL	[0 to 255 / <b>4</b> / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	Selects the resolution for color scanning mode. This is basically adjusted by the remote system.		

128	Reso: Scan(Mono)	*CTL	[0 to 255 / 3 / 1/step] 0:600DPi 1:400DPi 2:300DPi 3:200DPi 4:150DPi 5:100DPi 6:75DPi
	Selects the resolution for BW scanning mode. This is basically adjusted by the remote system.		
141	All Addr Info Switch	*CTL	[0 or 1 / 1 / 1/step]
	-		
142	Stand-by Doc Max Number	*CTL	[10 to 10000 / 2000 / 1/step]

<b>5840</b>	<b>[IEEE 802.11]</b>		
006	Channel Max	*CTL	[1 to 11 / 11 / 1 /step]
	Sets the maximum number of channels available for data transmission via the wireless LAN. The number of channels available varies according to location. The default settings are set for the maximum end of the range for each area. Adjust the upper 4 bits to set the maximum number of channels. <b>DFU</b>		
<div style="border: 1px solid blue; border-radius: 15px; padding: 2px; display: inline-block;"> <b>Note</b> </div> <ul style="list-style-type: none"> <li>• Do not change the setting.</li> </ul>			
007	Channel Min	*CTL	[1 to 11 or 13 / 1 / 1/step] Europe: 1 to 13 NA/ Asia: 1 to 11
	Sets the minimum number of channels available for data transmission via the wireless LAN. The number of channels available varies according to location. The default settings are set for the minimum end of the range for each area. Adjust the lower 4 bits to set the minimum number of channels. <b>DFU</b>		
<div style="border: 1px solid blue; border-radius: 15px; padding: 2px; display: inline-block;"> <b>Note</b> </div> <ul style="list-style-type: none"> <li>• Do not change the setting.</li> </ul>			

011	WEP key Select	*CTL	[00 to 11 / <b>00</b> / 1binary/step] 00: Key #1 01: Key #2 (Reserved) 10: Key #3 (Reserved) 11: Key #4 (Reserved)
	Selects the WEP key.		
045	WPA Debug Lvl	*CTL	[1 to 3 / <b>3</b> / 1/step] 1: Info 2: wArning 3: error
	Selects the debug level for WPA authentication application. This SP is displayed only when the IEEE802.11 card is installed.		
046	11w	*CTL	[0 to 2 / <b>0</b> / 1/step] 0: Not used 1: preferentially used 2: Required
	This SP is available only with machines that have IEEE 802.11.		
047	PSK Set Type	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: Passphrase 1: PSK
	Sets the type of information configured in PSK.		

<b>5841</b>	<b>[Supply Name Setting]</b>		
001	Toner Name Setting:Black	*CTL	[0 to 20 / <b>NULL</b> / 1 byte/step] Specifies supply names. These appear on the screen when the user presses the Inquiry button in the user tools screen.
002	Toner Name Setting:Cyan	*CTL	
003	Toner Name Setting:Yellow	*CTL	
004	Toner Name Setting:Magenta	*CTL	
007	OrgStamp	*CTL	
009	WasteTonerBottle	*CTL	

011	Staple Std1	* CTL	[0 to 20 / <b>NULL</b> / 1 byte/step] Specifies supply names. These appear on the screen when the user presses the Inquiry button in the user tools screen.
012	Staple Std2	* CTL	
013	Staple Std3	* CTL	
014	Staple Std4	* CTL	
021	Staple Bind 1	* CTL	[0 to 20 / <b>NULL</b> / 1 byte/step] Specifies supply names. These appear on the screen when the user presses the Inquiry button in the user tools screen.
022	Staple Bind 2	* CTL	
023	Staple Bind 3	* CTL	

<b>5842</b>	<b>[GWWS Analysis]</b>		
001	Setting 1	* CTL	[8bit assign / <b>00000000</b> / bit switch] 0bit[LSB]: system, other group 1bit: capture related group 2bit: authentication related group 3bit: address book related group 4bit: device management related group 5bit: output related(print, FAX, and delivery) group 6bit: repository, F0,etc. document related group 7bit: debug log level suppression
Default: <b>00000000</b> – do not change Netfiles: Jobs to be printed from the document server using a PC and the DeskTopBinder software			



002	Setting 2	*CTL	[8bit assign / 00000000 / bit switch] 0~6bit: unused 7bit: time stamp setting for 5682mmesg log. (1: min./sec/msec, 0: day/hour/min./sec)
Optional settings for debug output mode for each NFA process.			

<b>5844</b>	<b>[USB]</b>		
001	Transfer Rate	*CTL	[- / 0x04 / -] 0x01: Full speed 0x04: Auto Change
Adjusts the USB transfer rate.			
002	Vendor ID	*CTL	[- / - / -]
Displays the vendor ID. <b>DFU</b>			
003	Product ID	*CTL	[- / - / -]
Displays the product ID. <b>DFU</b>			
004	Device Release Number	*CTL	[- / - / -]
Displays the development release version number. <b>DFU</b>			
005	Fixed USB Port	*CTL	[0x00 to 0x02 / 0 / 1/step] 0:OFF 1:Level1 2:Level2
Selects the PnP name standardization mode.			
006	PnP Model Name	*CTL	[20 characters / NULL / -]
Specifies PnP name for USB device.			
007	PnP Serial Number	*CTL	[12 characters / NULL / -]
Specifies PnP serial number for USB device.			

008	Mac Supply Level	* CTL	[0 or 1 / 1 / 1/step] 0:OFF 1:ON
	Specifies Mac supply level.		
100	Notify Unsupport	* CTL	[0x00 to 0x01 / 1 / 1/step]
	Displays or does not display USB unsupported message.		

5845	<b>[Delivery Server Setting]</b>		
	Provides items for delivery server settings.		
001	FTP Port No.	* CTL	[0 to 65535 / <b>3670</b> / 1/step]
	Sets the FTP port number used when image files to the Scan Router Server.		
002	IP Address (Primary)	* CTL	[000.000.000.000 to 255.255.255.255 / <b>000.000.000.000</b> / -/step]
	Use this SP to set the Scan Router Server address. The IP address under the transfer tab can be referenced by the initial system setting.		
006	Delivery Error Display Time	* CTL	[0 to 999 / <b>300</b> / 1 second /step]
	Use this setting to determine the length of time the prompt message is displayed when a test error occurs during document transfer with the NetFile application and an external device.		
008	IP Address (Secondary)	* CTL	[000.000.000.000 to 255.255.255.255 / <b>000.000.000.000</b> / -/step]
	Specifies the IP address assigned to the computer designated to function as the secondary delivery server of Scan Router. This SP allows only the setting of the IP address without reference to the DNS setting.		

009	Delivery Server Model	*CTL	[0 to 4 / 0 / 1 /step] 0: Unknown 1: SG1 Provided 2: SG1 Package 3: SG2 Provided 4: SG2 Package
	Allows changing the model of the delivery server registered by the I/O device.		
010	Delivery Svr. Capability	*CTL	[0 to 255 / 00000000 / 1/step]
	Bit7	1 Comment information exists	
	Bit6	1 Direct specification of mail address possible	
	Bit5	1 Mail RX confirmation setting possible	
	Bit4	1 Address book automatic update function exists	
	Bit3	1 Fax RX delivery function exists	
	Bit2	1 Sender password function exists	
	Bit1	1 Function to link MK-1 user and Sender exists	
	Bit0	1 Sender specification required (if set to 1, Bit6 is set to "0")	
Changes the capability of the registered that the I/O device registered.			
011	Delivery Svr Capability (Ext)	*CTL	[0 to 255 / 00000000 / 1 /step]
	Changes the capability of the registered that the I/O device registered. Bit7 = 1 Address book usage limitation (Limitation for each authorized user) Bit6 = 1 RDH authorization link Bit5 to 0: Not used		
013	Server Scheme (Primary)	*CTL	[ Up to 6 char / - / -/step]
	This SP is used for the scan router program.		
014	Server Port Number (Primary)	*CTL	[ - / 80 / -/step]
	This is used for the scan router program.		

015	Server URL Path (Primary)	*CTL	[- / - / -/step]
	This is used for the scan router program.		
016	Server Scheme (Secondary)	*CTL	[ Up to 6 char / - / -/step]
	This SP is used for the scan router program.		
017	Server Port Number (Secondary)	*CTL	[1 to 65535 / 80 / 1/step]
	This SP is used for the scan router program.		
018	Server URL Path (Secondary)	*CTL	[ Up to 16 byte / - / -/step]
	This SP is used for the scan router program.		
022	Rapid Sending Control	*CTL	[0 or 1 / 1 / -/step] 0: Control disabled 1: Control enabled
	Enables or disables the prevention function for the continuous data sending error.		

<b>5846</b>	<b>[UCS Setting]</b>		
001	Machine ID (for Delivery Server)	*CTL	[- / - / -]
	Displays the unique device ID in use by the delivery server directory. The value is only displayed and cannot be changed. This ID is created from the NIC MAC or IEEE 1394 EUI. The ID is displayed as either 6-byte or 8-byte binary.		
002	Machine ID Clear(for Delivery Server)	*CTL	[- / - / -] [Execute]
	Clears the unique ID of the device used as the name in the file transfer directory. Execute this SP if the connection of the device to the delivery server is unstable. After clearing the ID, the ID will be established again automatically by cycling the machine off and on.		
003	Maximum Entries	*CTL	[2000 to 20000 / 2000 / 1/step]
	Changes the maximum number of entries that UCS can handle. If a value smaller than the present value is set, the UCS managed data is cleared, and the data (excluding user code information) is displayed.		

006	Delivery Server Retry Timer	*CTL	[0 to 255 / <b>0</b> / 1/step]
	Sets the interval for retry attempts when the delivery server fails to acquire the delivery server address book.		
007	Delivery Server Retry Times	*CTL	[0 to 255 / <b>0</b> / 1/step]
	Sets the number of retry attempts when the delivery server fails to acquire the delivery server address book.		
008	Delivery Server Maximum Entries	*CTL	[2000 to 20000 / <b>2000</b> / 1/step]
	Sets the maximum number account entries of the delivery server user information managed by UCS.		
010	LDAP Search Timeout	*CTL	[1 to 255 / <b>60</b> / 1/step]
	Sets the length of the timeout for the search of the LDAP server.		
020	WSD Maximum Entries	*CTL	[50 to 250 / <b>250</b> / 1/step]
	Sets the maximum entries for the address book of the WSD (WS-scanner).		
021	Folder Auth Change	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: Login User, 1: Destination
040	Addr Book Migration(USB->HDD)	*CTL	[- / - / -] [Execute]

	Fill Addr Acl Info	*CTL	[- / - / -] [Execute]
041	<p>This SP must be executed immediately after installation of an HDD unit in a basic machine that previously had no HDD. The first time the machine is powered on with the new HDD installed, the system automatically takes the address book from the NVRAM and writes it onto the new HDD. However, the new address book on the HDD can be accessed only by the system administrator at this stage. Executing this SP by the service technician immediately after power on grants full address book access to all users.</p> <p><b>Procedure</b></p> <ol style="list-style-type: none"> <li>1. Turn the machine off.</li> <li>2. Install the new HDD.</li> <li>3. Turn the machine on.</li> <li>4. The address book and its initial data are created on the HDD automatically.</li> <li>5. However, at this point the address book can be accessed by only the system administrator or key operator.</li> <li>6. Enter the SP mode and do SP5846-041. After this SP executes successfully, any user can access the address book.</li> </ol>		
043	Addr Book Media	*CTL	[0 to 30 / 0 / 1/step] 0: Unconfirmed 1: SD Slot 1 2: SD Slot 2 3: SD Slot 3 4: USB Flash ROM 10: SD Slot 10 20: HDD 30: Nothing
Displays the slot number where an address book data is in.			
047	Initialize Local Address Book	CTL	[- / - / -] [Execute]
Clears the local address book information, including the user code.			

048	Initialize Delivery Addr Book	CTL	[- / - / -] [Execute]
	Clears the distribution address book information, except the user code.		
049	Initialize LDAP Addr Book	CTL	[- / - / -] [Execute]
	Clears the LDAP address book information, except the user code.		
050	Initialize All Addr Book	CTL	[- / - / -] [Execute]
	Clears all directory information managed by UCS, including all user codes.		
051	Backup All Addr Book	CTL	[- / - / -] [Execute]
	Uploads all directory information to the SD card.		
052	Restore All Addr Book	CTL	[- / - / -] [Execute]
	Downloads all directory information from the SD card.		
053	Clear Backup Info	CTL	[- / - / -] [Execute]
	<p>Deletes the address book data from the SD card in the service slot. Deletes only the files that were uploaded from this machine. This feature does not work if the card is write-protected.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>After you do this SP, go out of the SP mode, and then turn the power off. Do not remove the SD card until the Power LED stops flashing.</li> </ul>		

060	Search Option	*CTL	[0x00 to 0xff / <b>0x0f</b> / 1/step]
	<p>This SP uses bit switches to set up the fuzzy search options for the UCS local address book.</p> <p>Bit: Meaning</p> <p>0: Checks both upper/lower case characters</p> <p>1: Japan Only</p> <p>2: Japan Only</p> <p>3: Japan Only</p> <p>4 to 7: Not Used</p>		
062	Complexity Option 1	*CTL	[0 to 32 / <b>0</b> / 1/step]
	<p>Use this SP to set the conditions for password entry to access the local address book. Specifically, this SP limits the password entry to <b>upper case</b> and sets the length of the password.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>This SP does not normally require adjustment.</li> <li>This SP is enabled only after the system administrator has set up a group password policy to control access to the address book.</li> </ul>		
063	Complexity Option 2	*CTL	[0 to 32 / <b>0</b> / 1/step]
	<p>Use this SP to set the conditions for password entry to access the local address book. Specifically, this SP limits the password entry to lower case and defines the length of the password.</p>		
064	Complexity Option 3	*CTL	[0 to 32 / <b>0</b> / 1/step]
	<p>Use this SP to set the conditions for password entry to access the local address book. Specifically, this SP limits the password entry to numbers and defines the length of the password.</p>		
065	Complexity Option 4	*CTL	[0 to 32 / <b>0</b> / 1/step]
	<p>Use this SP to set the conditions for password entry to access the local address book. Specifically, this SP limits the password entry to symbols and defines the length of the password.</p>		
091	FTP Auth Port Setting	*CTL	[0 to 65535 / <b>3671</b> / 1/step]
	<p>Specifies the FTP port for getting a distribution server address book that is used in the identification mode.</p>		



094	Encryption Stat	*CTL	[0 to 255 / - / 1/step]
Shows the status of the encryption function for the address book data.			
5847	<p><b>[Rep Resolution Reduction]</b></p> <p>SP5847-1 through SP5847-8 changes the default settings of image data transferred externally by the Net File page reference function.</p> <p>SP5847-21 sets the default for JPEG image quality of image files handled by NetFile.</p> <p>“Net files” are jobs to be printed from the document server using a PC and the DeskTopBinder software.</p>		
001	Rate for Copy Color	*CTL	<p>[ 0 to 5 / <b>2</b> / 1 /step]</p> <p>0: 1x</p> <p>1: 1/2x</p> <p>2: 1/3x</p> <p>3: 1/4x</p> <p>4: 1/6x</p> <p>5: 1/8x</p>
002	Rate for Copy B&W Text	*CTL	<p>[ 0 to 5 / <b>0</b> / 1 /step]</p> <p>0: 1x</p> <p>1: 1/2x</p> <p>2: 1/3x</p> <p>3: 1/4x</p> <p>4: 1/6x</p> <p>5: 1/8x</p>
003	Rate for Copy B&W Other	*CTL	<p>[ 0 to 5 / <b>0</b> / 1 /step]</p> <p>0: 1x</p> <p>1: 1/2x</p> <p>2: 1/3x</p> <p>3: 1/4x</p> <p>4: 1/6x</p> <p>5: 1/8x</p>

004	Rate for Printer Color	*CTL	[ 0 to 5 / <b>2</b> / 1 /step] 0: 1x 1: 1/2x 2: 1/3x 3: 1/4x 4: 1/6x 5: 1/8x
005	Rate for Printer B&W	*CTL	[ 0 to 5 / <b>0</b> / 1 /step] 0: 1x 1: 1/2x 2: 1/3x 3: 1/4x 4: 1/6x 5: 1/8x
006	Rate for Printer Color 1200dpi	*CTL	[ 0 to 5 / <b>4</b> / 1 /step] 0: 1x 1: 1/2x 2: 1/3x 3: 1/4x 4: 1/6x 5: 1/8x
007	Rate for Printer B&W 1200dpi	*CTL	[ 0 to 5 / <b>1</b> / 1 /step] 0: 1x 1: 1/2x 2: 1/3x 3: 1/4x 4: 1/6x 5: 1/8x
021	Network Quality Default for JPEG	*CTL	[5 to 95 / <b>50</b> / 1 /step]
	Sets the default value for the quality of JPEG images sent as NetFile pages. This function is available only with the MLB (Media Link Board) option installed.		

5848	<b>[Web Service: Access Cnt]</b>		
	<p>5848 2 sets the 4-bit switch assignment for the access control setting. Setting of 0001 has no effect on access and delivery from Scan Router.</p> <p>5848 100 sets the maximum size allowed for downloaded images. The default is equal to 1 gigabyte.</p>		
002	Access Ctrl: Repository (only Lower 4 bits)	*CTL	[- / <b>00000010</b> / -] 0000: No access control 0001: Denies access to DeskTop Binder. 0010: No writing control
003	Access Control: Doc. Svr. Print (Lower 4 bits)	*CTL	[- / <b>00000000</b> / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
004	Access Control: udirectory (Lower 4 bits)	*CTL	[- / <b>00000000</b> / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
007	Access Ctrl: Comm. Log Fax (Lower 4 bits)	*CTL	[- / <b>00000000</b> / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
009	Access Ctrl: Job Ctrl (Lower 4 bits)	*CTL	[- / <b>00000000</b> / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		

011	Access Ctrl: Devicemanagement (Lower 4bits)	*CTL	[- / 00000000 / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
021	Access Ctrl: Delivery (Lower 4 bits)	*CTL	[- / 00000000 / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
022	Access Ctrl: uadministration (Lower 4bits)	*CTL	[- / 00000000 / -] 0000: No access control 0001: Denies access to DeskTop Binder.
	Switches access control on and off.		
024	Access Ctrl: Log Service (Lower 4bits)	*CTL	[- / 00000000 / -] 0000: No access control 0001: Denies access to DeskTop Binder.
099	Repository: Download Image Setting	*CTL	<b>DFU</b>
100	Repository: Download Image Max. Size	*CTL	[1 to 2048 / <b>2048</b> / 1 MB /step]
217	Setting: Timing	*CTL	NIA

<b>5849</b>	<b>[Installation Date]</b>		
001	Display	*CTL	[- / - / -]
002	Switch to Print	*CTL	[0 or 1 / <b>1</b> / 1 /step] 0: OFF (No Print) 1: ON (Print)
003	Total Countert	*CTL	[0 to 99999999 / <b>0</b> / 1/step]

<b>5850</b>	<b>[Address Book Function]</b>		
003	Replacement of Circuit Classifications	* CTL	[0 to 13 / 1 / 1/step] 1: G3 2: EXT 3: G3-1 4: G3-1- EXT 5: G3-2 6: G3-2- EXT 7: G3-3 8: G3-3-EXT 9: G3-idle-EXT 10: idle-EXT 11: I-G3 12: I-G3-EXT 13: G4
<b>5851</b>	<b>[Bluetooth]</b>		
001	mode	* CTL	[0 or 1 / 0 / 1/step] 0:Public 1:Private
Sets the operation mode for the Bluetooth Unit. Press either key.			
<b>5853</b>	<b>[Stamp Date Download]</b>		
<p>Push [Execute] to download the fixed stamp data from the machine ROM onto the hard disk. Then these stamps can be used by the system. If this is not done, the user will not have access to the fixed stamps ("Confidential", "Secret", etc.).</p> <p>You must always execute this SP after replacing the HDD or after formatting the HDD. Always switch the machine off and on after executing this SP.</p>			
001	-	CTL	[- / - / -]

5856	<b>[Remote ROM Update]</b>		
	Allows the technician to upgrade the firmware using a local port (IEEE1284) when updating the remote ROM.		
002	Local Port	*CTL	[0 or 1 / <b>0</b> / 1/step] 0: Disable 1: Enable

5857	<b>[Debug Log Save]</b>		
	Do not use this SP to capture debug logs. Use the captured log function instead of this SP.		
001	Save Debug Log	*CTL	[0 to 2 / <b>0</b> / 1/Step]
	<p>Enables log trace function or debug log saving function. The debug log cannot be captured until this feature is switched on.</p> <ul style="list-style-type: none"> <li>0: Enables log trace function</li> <li>1: Enables debug log saving function</li> <li>2: OFF</li> </ul> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>If "0" is selected, it disables the settings of SP5857-002 to 013 and gives executing failure. If "1" is selected, it disables ordinarily saving function; however, SP5857-101 to 112 are able to execute.</li> </ul>		
002	Target (2:HDD 3:SD)	*CTL	[ 1 to 3 / <b>2</b> / 1/step] 1:IC Card 2: HDD 3: SD Card
	Sets the storage location for the debug log.		
005	Save to HDD	*CTL	[-999999 to 9999999 / - / 1/step]
	<p>Saves the debug log of the input SC number in memory to the HDD.</p> <p>A unique file name is generated to avoid overwriting existing file names on the SD Card. Up to 4MB can be copied to an SD Card. 4 MB segments can be copied one by one to each SD Card.</p>		

006	Save to SD Card	*CTL	[-9999999 to 99999999 / - / 1/step]
	Saves the debug log of the input SC number in memory to the SD card.		
009	Copy HDD to SD Card (Latest 4MB)	*CTL	[- / - / -] [Execute]
	<p>Takes the most recent 4 MB of the log written to the hard disk and copies them to the SD Card.</p> <p>A unique file name is generated to avoid overwriting existing file names on the SD Card. Up to 4MB can be copied to an SD Card. 4 MB segments can be copied one by one to each SD Card.</p>		
010	Copy HDD to SD Card (Latest 4MB Any Key)	*CTL	[- / - / -] [Execute]
	<p>Takes the log of the specified key from the log on the hard disk and copies it to the SD Card.</p> <p>A unique file name is generated to avoid overwriting existing file names on the SD Card. Up to 4 MB can be copied to an SD Card. 4 MB segments can be copied one by one to each SD Card. This SP does not execute if there is no log on the HDD with no key specified.</p>		
011	Erase HDD Debug Data	*CTL	[- / - / -] [Execute]
	Erases all debug logs on the HDD		
012	Erase SD Card Debug Data	*CTL	[- / - / -] [Execute]
	<p>Erases all debug logs on the SD Card. If the card contains only debugging files generated by an event specified by SP5858, the files are erased when SP5857 010 or 011 is executed.</p> <p>To enable this SP, the machine must be cycled off and on.</p>		
013	Free Space on SD Card	*CTL	[- / - / -] [Execute]
	Displays the amount of space available on the SD card.		
014	Copy SD to SD (Latest 4MB)	*CTL	[- / - / -] [Execute]
	Copies the most recent 4 MB of the debug log from an SD card to a different SD card.		

015	Copy SD to SD (Latest 4MB Any Key)	*CTL	[- / - / -] [Execute]
	This SP copies the log on an SD card (the file that contains the information written directly from shared memory) to a log specified by key number.		
016	Make HDD Debug	*CTL	[- / - / -] [Execute]
	This SP creates a 32 MB file to store a log on the HDD.		
017	Make SD Debug	*CTL	[- / - / -] [Execute]
	This SP creates a 4 MB file to store a log on an SD card.		
101	Debug Logging Start Date	*CTL	[- / 20120101 / 1/step]
	Sets start date of the debug log output.		
102	Debug Logging End Date	*CTL	[- / 20371212 / 1/step]
	Sets end date of the debug log output.		
103	Acquire All Debug Logs	*CTL	[- / - / -] [Execute]
	Obtains all debug logs.		
104	Acquire Only Controller Debug	*CTL	[- / - / -] [Execute]
	Obtains controller debug log only.		
105	Acquire Only Engine Debug Logs	*CTL	[- / - / -] [Execute]
	Obtains engine debug log only.		
106	Acquire Only Snapshot Debug Logs	*CTL	[- / - / -] [Execute]
	Obtains snapshot debug log only.		



107	Acquire Only Opepanel Debug Logs	*CTL	[- / - / -] [Execute]
	Outputs the controller debug log to the media inserted front I/F.		
151	Get All Debug Logs Time Disp	*CTL	[- / - / -] [Execute]
	Displays an expected time to obtain all debug logs.		
152	Get Controller Debug Logs Time Disp	*CTL	[- / - / -] [Execute]
	Displays an expected time to obtain the controller debug log.		
153	Get Engin Debug Logs Time Disp	*CTL	[- / - / -] [Execute]
	Displays an expected time to obtain the engine debug logs.		
154	Get Opepanel Debug Logs Time Disp	*CTL	[- / - / -] [Execute]
	Displays an expected time to obtain the operation panel debug log.		
155	Get SMC Time Disp	*CTL	[- / - / -] [Execute]
	Displays an expected time to obtain SMC.		

5858	<b>[Debug Save When]</b>		
	These SPs select the content of the debugging information to be saved to the destination selected by SP5857-002. SP5858-3 stores one SC specified by number. Refer to Section 4 for a list of SC error codes.		
001	Engine SC Error (0: OFF, 1: ON)	*CTL	[0 or 1 / 0 / 1 / step] 0: OFF 1: ON
	Turns on/off the debug save for SC codes generated by copier engine errors.		

002	Controller SC Error (0: OFF, 1: ON)	* CTL	[0 or 1 / 0 / 1 / step] 0: OFF 1: ON
	Turns on/off the debug save for SC codes generated by GW controller errors.		
003	Any SC Error	* CTL	[0 to 65535 / 0 / 1 / step]
	Sets the SC code whose logs are collected.		
004	Jam(0: OFF 1: ON)	* CTL	[0 or 1 / 0 / 1 / step] 0: OFF 1: ON
	Turns on/off the debug save for jam errors.		

5859	<b>[Debug Save Key No.]</b>		
	These SPs allow you to set up to 10 keys for log files for functions that use common memory on the controller board.		
001	Key 1	* CTL	[-9999999 to 9999999 / 0 / 1 / step]
002	Key 2	* CTL	
003	Key 3	* CTL	
004	Key 4	* CTL	
005	Key 5	* CTL	
006	Key 6	* CTL	
007	Key 7	* CTL	
008	Key 8	* CTL	
009	Key 9	* CTL	
010	Key 10	* CTL	

5860	<b>[SMTP/POP3/IMAP4]</b>		
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020	Partial Mail Receive Timeout	*CTL	[1 to 168 / <b>72</b> / 1 hour/step]
	Sets the amount of time to wait before saving a mail that breaks up during reception. The received mail is discarded if the remaining portion of the mail is not received during this prescribed time.		
021	MDN Response RFC2298 Compliance	*CTL	[0 or 1 / <b>1</b> / 1/step] 0: No 1: Yes
	Determines whether RFC2.5298 compliance is switched on for MDN reply mail.		
022	SMTP Auth. From Field Replacement	*CTL	[0 to 1 / <b>0</b> / 1/step] 0: No. "From" item not switched. 1: Yes. "From item switched.
	Determines whether the FROM item of the mail header is switched to the validated account after the SMTP server is validated.		
025	SMTP Auth. Direct Setting	*CTL	[0 to 255 / <b>00000000</b> / - /step]
	<p>Selects the authentication method for SMPT.</p> <p>Bit switch:</p> <p>Bit 0: LOGIN</p> <p>Bit 1: PLAIN</p> <p>Bit 2: CRAM MD5</p> <p>Bit 3: DIGEST MD5</p> <p>Bit 4 to 7: Not used</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>This SP is activated only when SMTP authorization is enabled by UP mode.</li> </ul>		
026	S/MIME: MIME Header Setting	*CTL	[0 to 2 / <b>0</b> / 1 /step] 0: Microsoft Outlook Express standard 1: Internet Draft standard 2: RFC standard
	Selects the MIME header type of an E-mail sent by S/MIME.		

028	S/MIME: Authentication Check	* CTL	[0 to 1 / 0 / 1/step] 0: No (not check) 1: Yes (check)
	Specifys whether to check destination certificate when sending S/MIME mail.		

<b>5866</b>	<b>[E-mail Report]</b>		
001	Report Validity	CTL	[0 or 1 / 0 / 1/step] 0: Enabled 1: Disabled
005	Add Date Field	CTL	[0 or 1 / 0 / 1/step] 0: Enabled 1: Disabled

<b>5870</b>	<b>[Common Key Info Writing]</b>		
001	Writing	CTL	[- / - / -] [Execute]
	Writes the authentication data (used for NRS) in the memory.		
003	Initialize	CTL	[- / - / -] [Execute]
	Initializes the authentication data in the memory.		
004	Writing: 2048bit	CTL	[- / - / -] [Execute]
	Writes the authentication data 2048bit (used for NRS) in the memory.		

<b>5873</b>	<b>[SD Card Appli Move]</b>		
001	MoveExec	CTL	[- / - / -] [Execute]
	This SP copies the application programs from the original SD card in SD card slot 2 to an SD card in SD card slot 1.		

002	UndoExec	CTL	[- / - / -] [Execute]
	This SP copies back the application programs from an SD card in SD Card Slot 2 to the original SD card in SD card slot 1. Use this menu when you have mistakenly copied some programs by using "Move Exec" (SP5873-1).		

5875	<b>[SC Auto Reboot]</b>		
	-		
001	Reboot Setting	* CTL	[0 or 1 / 0 / 1/step]
002	Reboot Type	* CTL	[0 or 1 / 0 / 1/step] 0: Manual reboot 1: Automatic reboot

5878	<b>[Option Setup]</b>		
001	Data Overwrite Security	CTL	[- / - / -] [Execute]
	Enables the Data Overwrite Security unit. Press "Execute" on the operation panel. Then turn the machine off and on.		
002	HDD Encryption	CTL	[- / - / -] [Execute]
	Executes the setup for encryption.		
004	OCR Dictionary	CTL	[- / - / -] [Execute]
	-		

5881	<b>[Fixed Phrase Block Erasing]</b>		
001	-	CTL	[- / - / -]
	Deletes the fixed phrase		

5885	<b>[Set WIM Function]</b> Web Image Monitor Settings		
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020	DocSvr Acc Ctrl	*CTL	<p>[0 or 1 / 00000000 / 1/step]</p> <p>0: OFF</p> <p>1: ON</p> <p>Bit Meaning</p> <p>0: Forbid all document server access (1)</p> <p>1: Forbid user mode access (1)</p> <p>2: Forbid print function (1)</p> <p>3: Forbid fax TX (1)</p> <p>4: Forbid scan sending (1)</p> <p>5: Forbid downloading (1)</p> <p>6: Forbid delete (1)</p> <p>7: Reserved</p>
050	DocSvr Format	*CTL	<p>[0 to 2 / 0 / 1/step]</p> <p>0: Thumbnail, 1: Icon, 2: Details</p>
	Selects the display type for the document box list.		
051	DocSvr Trans	*CTL	<p>[ 5 to 20 / 10 / 1/step]</p>
	Sets the number of documents to be displayed in the document box list.		
100	Set Signature	*CTL	<p>[0 to 2 / 0 / 1/step]</p> <p>0: Setting for each e-mail</p> <p>1: Signature for all</p> <p>2: No signature</p>
	Selects whether the signature is added to the scanned documents with the WIM when they are transmitted by an e-mail.		
101	Set Encrypsion	*CTL	<p>[0 to 1 / 0 / 1]</p> <p>0: Not encrypted</p> <p>1: Encryption</p>
	Determines whether the scanned documents with the WIM are encrypted when they are transmitted by an e-mail.		

200	Detect Mem Leak	*CTL	[8bit / 00000000 / BitSW]
	<p>Bit 0: Displays the memory information at session timeout.</p> <p>Bit 1: (If handler applicable) Displays the memory information at WPF handle start or end.</p> <p>Bit 2 through Bit 8: Not used.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>To enable this SP setting, display the document list in the document box at a new HTTP session after changing the value of this SP.</li> </ul>		
201	DocSvr Timeout	*CTL	[8bit / 00000000/ BitSW] Not used

<b>5886</b>	<b>[Farm Update Setting]</b>		
100	Skip Version Check	CTL	[0 or 1 / 0 / 1/step]
	Sets whether to do a version-up check when updating a firmware in the package.		
100	Skip LR Check	CTL	[0 or 1 / 0 / 1/step]
	Sets whether to update firmwares individually in the machine when updating a firmware in the package.		

<b>5887</b>	<b>[SD GetCounter]</b>		
	<p>This SP sends a text file to an SD card inserted in SD card Slot 2 (lower slot). The operation stores.</p> <p>The file is stored in a folder created in the root directory of the SD card called SD_COUNTER.</p> <p>The file is saved as a text file (*.txt) prefixed with the number of the machine.</p> <ol style="list-style-type: none"> <li>1. Insert the SD card in SD card Slot 2 (lower slot).</li> <li>2. Select SP5887 then touch [Execute].</li> </ol> <p>Touch [Execute] in the message when you are prompted.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>"SD_COUNTER" folder must be created under the root directory of the SC card before this SP is executed.</li> </ul>		
001	SD GetCounter	CTL	[- / - / -] [Execute]

<b>5888</b>	<b>[Personal Information Protect]</b>		
001	Personal Information Protect	*CTL	[0 or 1 / 0 / 1/step]
	Selects the protection level for logs. 0: No authentication, No protection for logs 1: No authentication, Protected logs (only an administrator can see the logs)		

<b>5893</b>	<b>[SDK Apli Cnt Name]</b>		
001	SDK-1	CTL	[- / - / -] [Display text]
002	SDK-2	CTL	[- / - / -] [Display text]
003	SDK-3	CTL	[- / - / -] [Display text]
004	SDK-4	CTL	[- / - / -] [Display text]
005	SDK-5	CTL	[- / - / -] [Display text]
006	SDK-6	CTL	[- / - / -] [Display text]

<b>5894</b>	<b>[External Mech Count Setting]</b>		
	Test Name1_1		
001	Mech Counter Switch Setting	CTL	[0 to 2 / 0 / 1/step]

<b>5895</b>	<b>[Application invalidation]</b>		
	-		
001	Printer	CTL	[- / - / -]
002	Scanner	CTL	[- / - / -]



<b>5900</b>	<b>[Engine Log Upload]</b>		
001	Pattern	*ENG	[0 to 4 / 0 / 1/step]
	Specifies target module group for engine log up load.		
002	Trigger	*ENG	[0 to 3 / 0 / 1/step]
	Specifies target trigger group for engine log up load.		

<b>5907</b>	<b>[Plug &amp; Play Maker/Model Name]</b>		
001	Plug & Play Maker/Model/ Name	*CTL	[- / - / -]
	<p>Selects the brand name and the production name for Windows Plug &amp; Play. This information is stored in the NVRAM. If the NVRAM is defective, these names should be registered again.</p> <p>After selecting, press the "Original Type" key and "#" key at the same time. When the setting is completed, the beeper sounds five times.</p>		

<b>5913</b>	<b>[Switchover Permission Time]</b>		
	-		
002	Print Application Timer	*CTL	[3 to 30, immediate / 3 / 1sec/step]

<b>5919</b>	<b>[HDD Encryption]</b>		
	-		
001	Display Operating State	*CTL	[0 or 1 / 0 / 1/step] 0: OFF (Not working) 1: ON (Working)

<b>5967</b>	<b>[Copy Server: Set Function]</b>		
	<p>Enables and disables the document server. This is a security measure that prevents image data from being left in the temporary area of the HDD. After changing this setting, you must switch the main switch off and on to enable the new setting.</p>		

001	(0: ON 1: OFF)	*CTL	[0 or 1 / 0 / 1/step] 0: ON 1: OFF
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<b>5974</b>	<b>[Cherry Server]</b>		
001	(0:Light 1:Full)	CTL	[0 or 1 / 0 / -]
Switches Light or Full ver.of the cherry application.			

<b>5985</b>	<b>[Device Setting]</b>		
The NIC and USB support features are built into the GW controller. Use this SP to enable and disable these features. In order to use the NIC and USB functions built into the controller board, these SP codes must be set to "1".			
001	On Board NIC	CTL	[0 to 2 / 0 / 1/step] 0: Disable 1: Enable 2: Function limitation
Switches Light or Full ver.of the cherry application. When the "Function limitation" is set, "On board NIC" is limited only for the NRS or LDAP/NT authentication.			
<div style="border: 1px solid blue; border-radius: 15px; padding: 2px; display: inline-block;"> <b>Note</b> </div> <ul style="list-style-type: none"> <li>Other network applications than NRS or LDAP/NT authentication are not available when this SP is set to "2". Even though you can change the initial settings of those network applications, the settings do not work.</li> </ul>			
002	On Board USB	CTL	[0 or 1 / 0 / 1/step]
Switches Light or Full ver.of the cherry application.			

<b>5990</b>	<b>[SP Print Mode]</b>		
001	All (Data List)	CTL	[- / - / -]
002	SP (Mode Data List)	CTL	[- / - / -]
003	User Program	CTL	[- / - / -]
004	Logging Data	CTL	[- / - / -]

005	Diagnostic Report	CTL	[- / - / -]
006	Non-Default	CTL	[- / - / -]
007	NIB Summary	CTL	[- / - / -]
008	Capture Log	CTL	[- / - / -]
021	Copier User Program	CTL	[- / - / -]
022	Scanner SP	CTL	[- / - / -]
023	Scanner User Program	CTL	[- / - / -]
024	SDK/J Summary	CTL	[- / - / -]
025	SDK/J Application Info	CTL	[- / - / -]
026	Printer SP	CTL	[- / - / -]

5991	<b>[Kit Summary Print]</b>		
	Outputs the summary of toner bottle log information.		
001	-	CTL	[- / - / -]

5992	<b>[SP Text mode]</b>		
	Exports the SMC sheet data to the SD Card. Press "Execute" key to start exporting the SMC data in the SP mode display.		

001	All (Data List)	CTL	[- / - / -] [Execute]
002	SP (Mode Data List)	CTL	
003	User Program	CTL	
004	Logging Data	CTL	
005	Diagnostic Report	CTL	
006	Non-Default	CTL	
007	NIB Summary	CTL	
008	Capture Log	CTL	
021	Copier User Program	CTL	
022	Scanner SP	CTL	
023	Scanner User Program	CTL	
024	SDK/J Summary	CTL	
025	SDK/J Application Info	CTL	
026	Printer SP mode	CTL	

<b>5998</b>	<b>[Fusing Warm UP]</b>		
001	Warm Up In Advance ON/OFF	*ENG	[0 or 1 / 1 / 1/step] 1: Silent 0: Fast
Fusing action when silently starting up ENG_ENABLE. (1: With fusing precede start up, 0:With out fusing precede start up)			

# Main SP Tables-6

## SP6-XXX (Peripherals)

### ↓ Note

- D237 does not support SP6-100 through SP6-186. Any setting changes for these SPs are invalid on D237.

2

6006	[ADF Adjustment]		
001	Side-to-Side Regist: Front	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Adjusts front side main scan register for ADF.		
002	Side-to-Side Regist: Rear	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	Adjusts rear side main scan register for ADF.		
003	Leading Edge Registration	*ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.1 mm/step]
	Adjusts DFGATE assert timing. <ul style="list-style-type: none"> <li>• Value increase: Delays DFGATE assert timing.</li> <li>• Value decrease: Delays DFGATE assert timing.</li> </ul>		
005	Buckle: Duplex Front	*ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.1 mm/step]
	Adjusts front side buckle amount (skew correct amount). <ul style="list-style-type: none"> <li>• Value increase: increases front side buckle amount.</li> <li>• Value decrease: decreases front side buckle amount.</li> </ul>		
006	Buckle: Duplex Rear	*ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.1 mm/step]
	Adjusts rear side buckle amount (skew correct amount). <ul style="list-style-type: none"> <li>• Value increase: increases rear side buckle amount.</li> <li>• Value decrease: decreases rear side buckle amount.</li> </ul>		
007	Rear Edge Erase	*ENG	[-10.0 to 10.0 / <b>0.0</b> / 0.1 mm/step]
	Adjusts DFGATE negate timing. <ul style="list-style-type: none"> <li>• Value increase: Delays DFGATE negate timing.</li> <li>• Value decrease: Delays DFGATE negate timing. (Direction for erasing trailing edge of original)</li> </ul>		

010	L-Edge Regist (1-Pass): Front	*ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts the front side sheet through register. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value.		
011	L-Edge Regist (1-Pass): Rear	*ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts the rear side sheet through register. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value.		
012	1st Buckle (1-Pass)	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts pull out roller buckle amount. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value.		
013	2nd Buckle (1-Pass)	*ENG	[-2.0 to 3.0 / <b>0.0</b> / 0.1 mm/step]
	For 1 path simultaneous duplex models only. Adjusts scanning entrance roller buckle amount. Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value.		
014	T-Edge Erase (1-Pass): Front	*ENG	[-5.0 to 5.0 / <b>-1.5</b> / 0.1 mm/step]
	<p>For 1 path simultaneous duplex models only. Adjusts the front side trailing edge register.</p> <ul style="list-style-type: none"> <li>Value increase: add trailing edge to image.</li> <li>Value decrease: erases trailing edge of image.</li> </ul> <p>Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value. Sets initial setting to -1.5mm instead of 0mm considering originals shadow.</p>		
015	T-Edge Erase (1-Pass): Rear	*ENG	[-5.0 to 5.0 / <b>-1.5</b> / 0.1 mm/step]
	<p>For 1 path simultaneous duplex models only. Adjusts the rear side trailing edge register.</p> <ul style="list-style-type: none"> <li>Value increase: add trailing edge to image.</li> <li>Value decrease: erases trailing edge of image.</li> </ul> <p>Adjusts to max. value in the adjustment range, when set value is larger than adjust range. When finishing setting without defining, remains as the last set value. Sets initial setting to -1.5mm instead of 0mm considering originals shadow.</p>		

6007	<b>[ADF INPUT Check]</b>		
	See page 763		

6008	<b>[ADF OUTPUT Check]</b>		
	See page 793		

6009	<b>[ADF FreeRun]</b>		
001	Free Run Simplex Motion	ENG	[0 or 1 / 0 / 1/step]
	Runs simplex free run when setting original to ADF.		
002	Free Run Duplex Motion	ENG	[0 or 1 / 0 / 1/step]
	Runs duplex free run when setting original to ADF.		
003	Free Run Stamp Motion	ENG	[0 or 1 / 0 / 1/step]
	Runs simplex free run (with DONE stamp) when setting original to ADF.		
004	Free Run Simplex Motion(low speed)	ENG	[0 or 1 / 0 / 1/step]
	Runs paper existing simplex free run of ADF in low line speed.		
005	Free Run Simplex Motion(high speed)	ENG	[0 or 1 / 0 / 1/step]
	Runs paper existing simplex free run of ADF in low line speed.		
006	Free Run Duplex Motion(low speed)	ENG	[0 or 1 / 0 / 1/step]
	Runs paper existing duplex free run of ADF in high line speed.		
007	Free Run Duplex Motion(high speed)	ENG	[0 or 1 / 0 / 1/step]
	Runs paper existing duplex free run of ADF in high line speed.		

6010	<b>[Stamp Position Adj.]</b>		
	Adjusts stamping position of DONE stamp. <ul style="list-style-type: none"> <li>• Value increase: Moves stamping position of DONE stamp towards original trailing edge.</li> <li>• Value decrease: Moves stamping position of DONE stamp towards original leading edge.</li> </ul>		
001	-	*ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.1 mm/step]
6011	<b>[1-Pass ADF INPUT Check]</b>		
	See page 763		
6012	<b>[1-Pass ADF OUTPUT Check]</b>		
	See page 793		
6016	<b>[Original Size Detect Setting]</b>		
	Sets to judge as with original size for two original sizes that can not be judged with ADF. Size of each bit is different depending on region. Set corresponding bit to "0" when to prior the default size. Set "1" to let the switching size judge.		
001	-	*ENG	[0 to 255 / <b>00000000</b> / 1/step]
6017	<b>[DF Magnification Adj.]</b>		
	Fine-tunes scale error. Changes line speed corresponding to scale rate setting value.		
001	-	*ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.1 %/step]
6020	<b>[Skew Correction Moving Setting]</b>		
	With default setting, original buckling (Skew correct 2) to ADF scanning entrance roller is only done for small sizes (B6, A5, HLT). With setting "1", this buckling can be done to all sizes.		
001	-	*ENG	[0 or 1 / <b>0</b> / 1/step]



6100	<b>[Sub-scanPunchPosAdj:2K/3K FIN]</b>			
	<ul style="list-style-type: none"> <li>• Adjusts position of carry direction (sub scan direction) for punch. Adjusting value to -: hole position moves toward trailing edge of paper when intaking.</li> <li>• Adjusting value to +: hole position moves toward leading edge of paper when intaking.</li> </ul>			
	001	JPN/EU: 2-Hole	ENG	
	002	NA: 3-Hole	ENG	
	003	Europe: 4-Hole	ENG	[-7.5 to 7.5 / <b>0.0</b> / 0.5mm/step]
	004	NEU: 4-Hole	ENG	
005	NA: 2-Hole	ENG		

6101	<b>[Main-scanPunchPosAdj:2K/3K FIN]</b>			
	Adjusts position of width direction (main scan direction) for punch. <ul style="list-style-type: none"> <li>• Adjusting value to -: hole position moves toward front side of machine.</li> <li>• Adjusting value to +: hole position moves toward rear side of machine.</li> </ul>			
	001	JPN/EU: 2-Hole	ENG	
	002	NA: 3-Hole	ENG	
	003	Europe: 4-Hole	ENG	[-2.0 to 2.0 / <b>0.0</b> / 0.4mm/step]
	004	NEU: 4-Hole	ENG	
005	NA: 2-Hole	ENG		

6102	<b>[SkewCorrectBuckleAdj:2K/3K FIN]</b>		
	Adjusts the skew correction bending amount when punching specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to -: buckling amount decreases</li> <li>• Adjusts value to +: buckling amount increases.</li> </ul>		

001	A3 SEF	ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.2mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	
006	B5 LEF	ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.2mm/step]
007	A5 LEF	ENG	
008	DLT SEF	ENG	
009	LG SEF	ENG	
010	LT SEF	ENG	
011	LT LEF	ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.2mm/step]
012	HLT LEF	ENG	
013	12x18	ENG	
014	8K SEF	ENG	
015	16K SEF	ENG	
016	16K LEF	ENG	
017	Other	ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.2mm/step]
	Adjusts the skew correction bending amount when punching except the specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to -: buckling amount decreases</li> <li>• Adjusts value to +: buckling amount increases.</li> </ul>		
6103	<b>[SkewCorrectCtrlSW:2K/3K FIN]</b>		
	Switches way to control (Still buckling 0: enable / 1: disable) skew correction when punching specified paper.		

001	A3 SEF	ENG	[0 or 1 / <b>0</b> / 1/step] 0: With Buckle Adj 1: Without Buckle Adj
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	
006	B5 LEF	ENG	[0 or 1 / <b>0</b> / 1/step] 0: With Buckle Adj 1: Without Buckle Adj
007	A5 LEF	ENG	
008	DLT SEF	ENG	
009	LG SEF	ENG	
010	LT SEF	ENG	
011	LT LEF	ENG	[0 or 1 / <b>0</b> / 1/step] 0: With Buckle Adj 1: Without Buckle Adj
012	HLT LEF	ENG	
013	12x18	ENG	
014	8K SEF	ENG	
015	16K SEF	ENG	
016	16K LEF	ENG	[0 or 1 / <b>0</b> / 1/step] 0: With Buckle Adj 1: Without Buckle Adj
017	Other	ENG	0: With Buckle Adj 1: Without Buckle Adj
	Switches way to control (Still buckling 0: enable / 1: disable) skew correction when punching except the specified paper.		

6104	<b>[ShiftTrayJogPosAdj:2K/3K FIN]</b>		
	Adjusts position for moving direction (main scan direction) of setting unit jogger when sending through specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to -: move towards setting jogger width is tighter than base value.</li> <li>• Adjusts value to +: move towards setting jogger width is wider than base value.</li> </ul> * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		

001	A3 SEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 LEF	ENG	
006	A5 LEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	HLT LEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
012	8K SEF	ENG	
013	16K LEF	ENG	
014	Other	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
	Adjusts position for moving direction (main scan direction) of setting unit jogger when sending through except the specified paper. <ul style="list-style-type: none"> <li>Adjusts value to -: move towards setting jogger width is tighter than base value.</li> <li>Adjusts value to +: move towards setting jogger width is wider than base value.</li> </ul> * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		

6105	<b>[Shft]JogRtrctAngAdj:2K/3K FIN</b>		
	Adjusts the setting jogger retract angel when passing through specified paper. <ul style="list-style-type: none"> <li>Adjusts value to +: towards up</li> <li>Adjusts value to -: towards down</li> </ul> * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		

001	A3 SEF	ENG	[-10 to 10 / 0 / 5deg/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	DLT SEF	ENG	
005	LG SEF	ENG	
006	LT SEF	ENG	
007	8K SEF	ENG	
	Other	ENG	[-10 to 10 / 0 / 5deg/step]
008	Adjusts the setting jogger retract angel when passing through except the specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to +: towards up</li> <li>• Adjusts value to -: towards down</li> </ul> * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		

6106	<b>[Use Paper Jogger: 2K/3K FIN]</b>		
	Decides whether to use the setting jogger when passing through specified paper. The setting jogger won't be used when selecting 1. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
001	A3 SEF	ENG	[0 or 1 / 0 / 1/step] 0: Jogging On 1: Jogging Off
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 LEF	ENG	[0 or 1 / 0 / 1/step] 0: Jogging On 1: Jogging Off
006	A5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	

010	LT LEF	ENG	[0 or 1 / <b>0</b> / 1/step] 0: Jogging On 1: Jogging Off
011	HLT LEF	ENG	
012	8K SEF	ENG	
013	16K LEF	ENG	
014	Other	ENG	[0 or 1 / <b>0</b> / 1/step] 0: Jogging On 1: Jogging Off
	Decides whether to use the setting jogger when passing through except the specified paper. The setting jogger won't be used when selecting 1. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		

6107	<b>[JogPosAdj(CmrStplr):2K/3K FIN]</b>		
	Adjusts width (main scan direction) of edge stitch when running specified paper conformity. <ul style="list-style-type: none"> <li>Adjusts value to -: move towards jogger width is tighter than base value.</li> <li>Adjusts value to +: move towards jogger width is wider than base value.</li> </ul>		
001	A3 SEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	8K SEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
012	16K SEF	ENG	
013	16K LEF	ENG	

014	Other	ENG	[-1.5 to 1.5 / 0.0 / 0.5mm/step]
	Adjusts width (main scan direction) of edge stitch jogger when running conformity to except the specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to -: move towards jogger width is tighter than base value.</li> <li>• Adjusts value to +: move towards jogger width is wider than base value.</li> </ul>		

6108	<b>[JogPosAdj(BookStplr):2K/3K FIN]</b>		
	Adjusts width (main scan direction) of saddle stitch when running specified paper conformity. <ul style="list-style-type: none"> <li>• Adjusts value to -: move towards jogger width is tighter than base value.</li> <li>• Adjusts value to +: move towards jogger width is wider than base value.</li> </ul>		
001	A3 SEF	ENG	[-1.5 to 1.5 / 0.0 / 0.5mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	B5 SEF	ENG	
005	DLT SEF	ENG	
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12x18	ENG	
009	8K SEF	ENG	
010	Other	ENG	

6109	<b>[CmrStplrJogTimeAdj:2K/3K FIN]</b>		
	Adjusts jogging count of edge stitch jogger fence when running specified paper conformity (only last sheet).		
001	A3 SEF	*ENG	[0 to 2 / 0 / 1time/step]
002	B4 SEF	*ENG	
003	A4 SEF	*ENG	
004	A4 LEF	*ENG	

005	B5 SEF	*ENG	[0 to 2 / 0 / 1time/step]
006	B5 LEF	*ENG	
007	DLT SEF	*ENG	
008	LG SEF	*ENG	
009	LT SEF	*ENG	
010	LT LEF	*ENG	
011	8K SEF	*ENG	[0 to 2 / 0 / 1time/step]
012	16K SEF	*ENG	
013	16K LEF	*ENG	
014	Other	*ENG	[0 to 2 / 0 / 1time/step]
	Adjusts jogging count of edge stitch jogger fence running conformity to except the specified paper (only last sheet).		

6110	<b>[BookStplrJogTimeAdj:2K/3K FIN]</b>		
	Adjusts jogging count of saddle stitch jogger fence when running specified paper conformity (only last sheet).		
001	A3 SEF	ENG	[0 to 2 / 0 / 1time/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	B5 SEF	ENG	
005	DLT SEF	ENG	[0 to 2 / 0 / 1time/step]
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12x18	ENG	
009	8K SEF	ENG	



010	Other	ENG	[0 to 2 / 0 / 1time/step]
	Adjusts jogging count of saddle stitch jogger fence running conformity to except the specified paper (only last sheet).		
6111	<b>[Staple Position Adj: 2K/3K FIN]</b>		
	Adjusts staple position (main scan direction) for 2K / 3K / FIN of specified paper. Adjusting value to -: staple position moves toward front side of machine. Adjusting value to +: staple position moves toward rear side of machine.		
	001	A3 SEF	ENG
	002	B4 SEF	ENG
	003	A4 SEF	ENG
	004	A4 LEF	ENG
	005	B5 SEF	ENG
	006	B5 LEF	ENG
	007	DLT SEF	ENG
	008	LG SEF	ENG
	009	LT SEF	ENG
	010	LT LEF	ENG
	011	8K SEF	ENG
	012	16K SEF	ENG
013	16K LEF	ENG	
014	Other	ENG	[-3.5 to 3.5 / 0.0 / 0.5mm/step]
	Adjusts staple position (main scan direction) for the near side parallel stitch/ far side parallel stitch / far side oblique stitch of paper except the specified paper. <ul style="list-style-type: none"> <li>Adjusting value to -: staple position moves toward front side of machine.</li> <li>Adjusting value to +: staple position moves toward rear side of machine.</li> </ul>		

<b>[BookletStaplerPosAdj:2K/3K FIN]</b>			
<b>6112</b>	Adjusts saddle stitch staple position (sub scan direction) of specified paper.		
	<ul style="list-style-type: none"> <li>Adjusting value to -: staple position moves toward trailing edge of paper when intaking.</li> <li>Adjusting value to +: staple position moves toward leading edge of paper when intaking.</li> </ul>		
001	A3 SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
002	B4 SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
003	A4 SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
004	B5 SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
005	DLT SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
006	LG SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
007	LT SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
008	12x18	ENG	[-1.8 to 1.8 / <b>0.0</b> / 0.2mm/step]
009	8K SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
<b>010</b>	Other	ENG	[-1.8 to 1.8 / <b>0.0</b> / 0.2mm/step]
	Adjusts saddle stitch staple position (sub scan direction) of except the specified paper.		
<ul style="list-style-type: none"> <li>Adjusting value to -: staple position moves toward trailing edge of paper when intaking.</li> <li>Adjusting value to +: staple position moves toward leading edge of paper when intaking.</li> </ul>			

<b>[BookletFolderPosAdj:2K/3K FIN]</b>			
<b>6113</b>	Adjusts saddle stitch folding position (sub scan direction) of specified paper.		
	<ul style="list-style-type: none"> <li>Adjusting value to -: folding position moves toward trailing edge of paper when intaking.</li> <li>Adjusting value to +: folding position moves toward leading edge of paper when intaking.</li> </ul>		
001	A3 SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
002	B4 SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]

003	A4 SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
004	B5 SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
005	DLT SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
006	LG SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
007	LT SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
008	12x18	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
009	8K SEF	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
	Other	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.2mm/step]
010	<p>Adjusts saddle stitch folding position (sub scan direction) of except the specified paper.</p> <ul style="list-style-type: none"> <li>Adjusting value to -: folding position moves toward trailing edge of paper when intaking.</li> <li>Adjusting value to +: folding position moves toward leading edge of paper when intaking.</li> </ul>		

6114	<b>[Fold Speed Adj.: 2K/3K FIN]</b>		
	<p>Adjusts folding speed (extra folding time) of saddle stitch for specified paper.</p> <p>Adjust value: 0 (Standard)</p> <p>Adjust value: 1 (Middle speed: standard+2.6[sec])</p> <p>Adjust value: 2 (Low speed: standard+5.2[sec])</p>		
001	A3 SEF	ENG	[0 to 2 / <b>0</b> / 1/step]
002	B4 SEF	ENG	[0 to 2 / <b>0</b> / 1/step]
003	A4 SEF	ENG	[0 to 2 / <b>0</b> / 1/step]
004	B5 SEF	ENG	[0 to 2 / <b>0</b> / 1/step]
005	DLT SEF	ENG	[0 to 2 / <b>0</b> / 1/step]
006	LG SEF	ENG	[0 to 2 / <b>0</b> / 1/step]
007	LT SEF	ENG	[0 to 2 / <b>0</b> / 1/step]
008	12x18	ENG	[0 to 2 / <b>0</b> / 1/step]
009	8K SEF	ENG	[0 to 2 / <b>0</b> / 1/step]

010	Other	ENG	[0 to 2 / 0 / 1/step]
	Adjusts folding speed (extra folding time) of saddle stitch for except the specified paper. Adjust value: 0 (Standard) Adjust value: 1 (Middle speed: standard+2.6[sec]) Adjust value: 2 (Low speed: standard+5.2[sec])		

<b>6115</b>	<b>[Finisher Free Run: 2K/3K FIN]</b>		
001	Free Run 1	ENG	[0 or 1 / 0 / 1/step]
	Execute shift mode no paper free run.		
002	Free Run 2	ENG	[0 or 1 / 0 / 1/step]
	Execute edge stitch staple mode no paper free run.		
003	Free Run 3	ENG	[0 or 1 / 0 / 1/step]
	Execute saddle stitch staple mode no paper free run.		
004	Free Run 4	ENG	[0 or 1 / 0 / 1/step]
	Do not use with VOLGA-B.		

<b>6116</b>	<b>[CnrStplrMxPrstkShAdj:2K/3KFIN]</b>		
	Adjusts max pre-stack sheets count when edge stitching specified paper. Adjust value: 0; 1 sheet pre-stack (standard) Adjust value: -1; No pre-stack		
001	A3 SEF	ENG	[-1 to 0 / 0 / 1sheet/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	

005	B5 SEF	ENG	[-1 to 0 / 0 / 1 sheet/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	8K SEF	ENG	[-1 to 0 / 0 / 1 sheet/step]
012	16K SEF	ENG	
013	16K LEF	ENG	
014	Other	ENG	[-1 to 0 / 0 / 1 sheet/step]
	Adjusts max pre-stock sheets count when edge stitching except the specified paper. Adjust value: 0; 1 sheet pre-stack (standard) Adjust value: -1; No pre-stack.		

6117	<b>[BookStplrMxPrstkShAdj:2K/3KFIN]</b>		
	Adjusts max. pre-stock sheets count when saddle stitching specified paper. Adjust value: 0; 3 sheets pre-stack (standard) Adjust value: -1; 2 sheets pre-stack Adjust value: -2; 1 sheet pre-stack Adjust value: -3 to -7; no pre-stack.		
	001	A3 SEF	ENG
	002	B4 SEF	ENG
	003	A4 SEF	ENG
004	B5 SEF	ENG	[-7 to 0 / 0 / 1 sheet/step]

005	DLT SEF	ENG	[-7 to 0 / 0 / 1 sheet/step]
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12x18	ENG	
009	8K SEF	ENG	
010	Other	ENG	[-7 to 0 / 0 / 1 sheet/step]
	Adjusts max pre-stock sheets count when saddle stitching except the specified paper. Adjust value: 0; 3 sheets pre-stack (standard) Adjust value: -1; 2 sheets pre-stack Adjust value: -2; 1 sheet pre-stack, Adjust value: -3 to -7; no pre-stack.		

6118	<b>[CnrStplrPrstkOffsAdj:2K/3KFIN]</b>		
	Adjusts pre-stack offset amount (sub scan direction shearing amount of 1st and 2nd sheet) when edge stitching specified paper. Default offset is 20mm, when adjusting value to +, offset amount enlarges, when adjusting value to -, reduces.		
001	A3 SEF	ENG	[-16 to 16 / 0 / 2mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	[-16 to 16 / 0 / 2mm/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	

011	8K SEF	ENG	[-16 to 16 / 0 / 2mm/step]
012	16K SEF	ENG	
013	16K LEF	ENG	
014	Other	ENG	[-16 to 16 / 0 / 2mm/step]
	Adjusts pre-stack offset amount (sub scan direction shearing amount of 1st and 2nd sheet) when edge stitching except the specified paper. Default offset is 20mm, when adjusting value to +, offset amount enlarges, when adjusting value to -, reduces.		

6119	<b>[BookStplrPrstkOffsAdj:2K/3KFIN]</b>		
	Adjusts pre-stack offset amount (sub scan direction shearing amount of 1st and 2nd, 2nd and 3rd sheet) when saddle stitching specified paper. Default is No offset, when adjusting value to +, offset amount enlarges, when adjusting value to -, reduces.		
001	A3 SEF	ENG	[-30 to 30 / 0 / 2mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	B5 SEF	ENG	
005	DLT SEF	ENG	[-30 to 30 / 0 / 2mm/step]
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12x18	ENG	
009	8K SEF	ENG	
010	Other	ENG	[-30 to 30 / 0 / 2mm/step]
	Adjusts pre-stack offset amount (sub scan direction shearing amount of 1st and 2nd, 2nd and 3rd sheet) when saddle stitching except the specified paper. Default is No offset, when adjusting value to +, offset amount enlarges, when adjusting value to -, reduces.		

6120	<b>[CrnStpPosExFeedAmtAdj:2K/3KFIN]</b>		
	Adjusts over sending amount (sub scan direction) of positioning roller when edge stitching specified paper.		

001	A3 SEF	ENG	[0 to 30 / 0 / 10mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	[0 to 30 / 0 / 10mm/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	8K SEF	ENG	[0 to 30 / 0 / 10mm/step]
012	16K SEF	ENG	
013	16K LEF	ENG	
014	Other	ENG	
014	Adjusts over sending amount (sub scan direction) of positioning roller when edge stitching except the specified paper.		

6122	<b>[BkFoldJogSolMovAmtAdj:2K/3KFIN]</b>		
	Adjusts move amount of saddle stitch conformity claw when saddle stitching specified paper.		
	<ul style="list-style-type: none"> <li>• Adjusts value to +: towards up</li> <li>• Adjusts value to -: towards down</li> </ul>		
	001	A3 SEF	ENG
	002	B4 SEF	ENG
			[ -5 to 5 / 0 / 1mm/step]
	003	A4 SEF	ENG
	004	B5 SEF	ENG



005	DLT SEF	ENG	[-5 to 5 / 0 / 1mm/step]
006	LG SEF	ENG	
007	LT SEF	ENG	
008	12x18	ENG	
009	8K SEF	ENG	
010	Other	ENG	
	Adjusts move amount of saddle stitch conformity claw when saddle stitching except the specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to +: towards up</li> <li>• Adjusts value to -: towards down</li> </ul>		
6123	<b>[INPUT Check: 2K/3K FIN]</b>		
	See page 763		
6124	<b>[OUTPUT Check: 2K/3K FIN]</b>		
	See page 793		
6130	<b>[Sub-scan PunchPosAdj:FrontFIN]</b>		
	Adjusts position of carry direction (sub scan direction) for punch. <ul style="list-style-type: none"> <li>• Adjusting value to -: hole position moves toward trailing edge of paper when intaking.</li> <li>• Adjusting value to +: hole position moves toward leading edge of paper when intaking.</li> </ul>		
001	Domestic 2Hole(Europe 2Hole)	*ENG	[-7.5 to 7.5 / 0.0 / 0.5mm/step]
002	North America 3Hole	*ENG	
003	Europe 4Hole	*ENG	
004	North Europe 4Hole	*ENG	
005	North America 2Hole	*ENG	

6131	<b>[Main-scan PunchPosAdj:FrontFIN]</b>		
	Adjusts position of width direction (main scan direction) for punch. <ul style="list-style-type: none"> <li>Adjusting value to -: hole position moves toward front side of machine.</li> <li>Adjusting value to +: hole position moves toward rear side of machine.</li> </ul>		
001	Domestic 2Hole(Europe 2Hole)	*ENG	[-2.0 to 2.0 / <b>0.0</b> / 0.4mm/step]
002	North America 3Hole	*ENG	
003	Europe 4Hole	*ENG	
004	North Europe 4Hole	*ENG	
005	North America 2Hole	*ENG	

6132	<b>[Jogger Fence Fine Adj:FrontFIN]</b>		
	Adjusts width (main scan direction) of edge stitch jogger when running specified paper conformity. <ul style="list-style-type: none"> <li>Adjusts value to -: move towards jogger width is tighter than base value.</li> <li>Adjusts value to +: move towards jogger width is wider than base value.</li> </ul>		
001	A3T	*ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
002	B4T	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
003	A4T	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
004	A4Y	*ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
005	B5T	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
006	B5Y	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
007	DLT-T	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
008	LG-T	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
009	LT-T	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
010	LT-Y	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
011	8K-T	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
012	16K-T	*ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]

013	16K-Y	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]
014	Other	ENG	[-3.0 to 3.0 / <b>0.0</b> / 0.5mm/step]

<b>6133</b>	<b>[Staple Position Adj: FrontFIN]</b>		
	Adjusts staple position (main scan direction) for the near side parallel stitch/ far side parallel stitch of specified paper. <ul style="list-style-type: none"> <li>Adjusting value to -: staple position moves toward front side of machine.</li> <li>Adjusting value to +: staple position moves toward rear side of machine.</li> </ul>		
001	Finisher1	*ENG	[-2.0 to 2.0 / <b>0.0</b> / 0.5mm/step]

<b>6134</b>	<b>[Finisher Free Run: FrontFIN]</b>		
001	Free Run 1	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Execute shift mode no paper free run.		
002	Free Run2	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Execute staple mode no paper free run.		
003	Free Run3	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Tray package position move free run.		
004	Free Run4	*ENG	[0 or 1 / <b>0</b> / 1/step]
	Do not use with RUBICON-B.		

<b>6135</b>	<b>[INPUT Check: FrontFIN]</b>		
	See page 763		

<b>6136</b>	<b>[OUTPUT Check: FrontFIN]</b>		
	See page 793		

6140	<b>[Staple Position Adj: 1K FIN]</b>		
	Adjusts staple position (main scan direction) for near side trailing edge parallel stitch / far side trailing edge parallel stitch. <ul style="list-style-type: none"> <li>Adjusting value to -: staple position moves toward front side of machine.</li> <li>Adjusting value to +: staple position moves toward rear side of machine.</li> </ul>		
001	-	ENG	[-3.5 to 3.5 / 0.0 / 0.5mm/step]

6141	<b>[Booklet Stapler Pos Adj:1K FIN]</b>		
	Adjusts saddle stitch staple position (sub scan direction) of specified paper. <ul style="list-style-type: none"> <li>Adjusting value to -: staple position moves toward trailing edge of paper when intaking.</li> <li>Adjusting value to +: folding position moves toward leading edge of paper when intaking.</li> </ul>		
001	A3 SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
002	B4 SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
003	A4 SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
004	B5 SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
005	DLT SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
006	LG SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
007	LT SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
008	12x18	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]

6142	<b>[Sub-scan Punch Pos Adj:1K FIN]</b>		
	Adjusts position of carry direction (sub scan direction) for punch. <ul style="list-style-type: none"> <li>Adjusting value to -: hole position moves toward trailing edge of paper when intaking.</li> <li>Adjusting value to +: hole position moves toward leading edge of paper when intaking.</li> </ul>		

001	JPN/EU: 2-Hole	ENG	[-7.5 to 7.5 / <b>0.0</b> / 0.5mm/step]
002	NA: 3-Hole	ENG	
003	Europe: 4-Hole	ENG	
004	NEU: 4-Hole	ENG	
005	NA: 2-Hole	ENG	

<b>6143</b>	<b>[Jogger Pos Adj: 1K FIN]</b>		
	Adjusts width (main scan direction) of jogger when running specified paper conformity. <ul style="list-style-type: none"> <li>Adjusts value to -: move towards jogger width is tighter than base value.</li> <li>Adjusts value to +: move towards jogger width is wider than base value.</li> </ul>		
001	A3 SEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	12x18	ENG	
012	8K SEF	ENG	[-1.5 to 1.5 / <b>0.0</b> / 0.5mm/step]
013	16K SEF	ENG	
014	16K LEF	ENG	

015	Other	ENG	[-1.5 to 1.5 / 0.0 / 0.5mm/step]
	Adjusts width (main scan direction) of jogger when running conformity to except the specified paper. <ul style="list-style-type: none"> <li>Adjusts value to -: move towards jogger width is tighter than base value.</li> <li>Adjusts value to +: move towards jogger width is wider than base value.</li> </ul>		

6144	<b>[Main-scan Punch Pos Adj: 1K FIN]</b>		
	Adjusts position of width direction (main scan direction) for punch. <ul style="list-style-type: none"> <li>Adjusting value to -: hole position moves toward front side of machine.</li> <li>Adjusting value to +: hole position moves toward rear side of machine.</li> </ul>		
001	JPN/EU: 2-Hole	ENG	[-2.0 to 2.0 / 0.0 / 0.4mm/step]
002	NA: 3-Hole	ENG	
003	Europe: 4-Hole	ENG	
004	NEU: 4-Hole	ENG	
005	NA: 2-Hole	ENG	

6145	<b>[Skew Correct Buckle Adj: 1K FIN]</b>		
	Adjusts the skew correction bending amount when punching specified paper. <ul style="list-style-type: none"> <li>Adjusts value to -: buckling amount decreases</li> <li>Adjusts value to +: buckling amount increases.</li> </ul>		
001	A3 SEF	ENG	[-5.0 to 5.0 / 0.0 / 0.2mm/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	

006	B5 LEF	ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.2mm/step]
007	A5 LEF	ENG	
008	DLT SEF	ENG	
009	LG SEF	ENG	
010	LT SEF	ENG	
011	LT LEF	ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.2mm/step]
012	HLT LEF	ENG	
013	12x18	ENG	
014	8K SEF	ENG	
015	16K SEF	ENG	
016	16K LEF	ENG	
017	Other	ENG	[-5.0 to 5.0 / <b>0.0</b> / 0.2mm/step]
	Adjusts the skew correction bending amount when punching except the specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to -: buckling amount decreases</li> <li>• Adjusts value to +: buckling amount increases.</li> </ul>		

6146	<b>[Skew Correct Ctrl SW:1K FIN]</b>		
	Switches way to control (Still buckling 0: enable / 1: disable) skew correction when punching specified paper.		
001	A3 SEF	ENG	[0 or 1 / <b>0</b> / 1/step] 0: enable 1: disable
002	B4 SEF	ENG	[0 or 1 / <b>0</b> / 1/step] 0: enable 1: disable
003	A4 SEF	ENG	[0 or 1 / <b>0</b> / 1/step] 0: enable 1: disable

004	A4 LEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
005	B5 SEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
006	B5 LEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
007	A5 LEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
008	DLT SEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
009	LG SEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
010	LT SEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
011	LT LEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
012	HLT LEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
013	12x18	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable



014	8K SEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
015	16K SEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
016	16K LEF	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
017	Other	ENG	[0 or 1 / 0 / 1/step] 0: enable 1: disable
	Switches way to control (Still buckling 0: enable / 1: disable) skew correction when punching except the specified paper.		

6147	<b>[Booklet Folder Pos Adj:1 K FIN]</b>		
	Adjusts saddle stitch folding position (sub scan direction) of specified paper. <ul style="list-style-type: none"> <li>Adjusting value to -: folding position moves toward trailing edge of paper when intaking.</li> <li>Adjusting value to +: folding position moves toward leading edge of paper when intaking.</li> </ul>		
001	A3 SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
002	B4 SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
003	A4 SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
004	B5 SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
005	DLT SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
006	LG SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
007	LT SEF	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]
008	12x18	ENG	[-3.0 to 3.0 / 0.0 / 0.2mm/step]

6148	<b>[Fold Times Adj: 1K FIN]</b>		
	Adjusts extra folding times (time) for folding when saddle stitching.		
001	-	ENG	[0 to 29 / 0 / 1sec/step]

6149	<b>[Last Paper Pos Time Adj: 1K FIN]</b>		
	Adjusts positioning times to last paper of set.		
001	-	*ENG	[0 to 1 / 0 / 1time/step]

6150	<b>[PositioningStrtTimingAdj: 1KFIN]</b>		
	Adjusts the positioning roller operation start timing when positioning specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to -: forwards the start timing</li> <li>• Adjusts value to +: delays the start timing</li> </ul>		

001	A3 SEF	ENG	[-100 to 100 / 0 / 10msec/step]
002	B4 SEF	ENG	
003	A4 SEF	ENG	
004	A4 LEF	ENG	
005	B5 SEF	ENG	
006	B5 LEF	ENG	
007	DLT SEF	ENG	
008	LG SEF	ENG	
009	LT SEF	ENG	
010	LT LEF	ENG	
011	12x18	ENG	
012	8K SEF	ENG	
013	16K SEF	ENG	
014	16K LEF	ENG	
	Other	ENG	
015	Adjusts the positioning roller operation start timing when positioning except the specified paper. <ul style="list-style-type: none"> <li>• Adjusts value to -: forwards the start timing</li> <li>• Adjusts value to +: delays the start timing</li> </ul>		

6151	<b>[PosTimeAdj(LstPr2ndTime):1KFIN]</b>		
	Adjusts 2nd time to positioning the last sheet of the set. <ul style="list-style-type: none"> <li>• Adjusts the value to -: shortens the positioning time</li> <li>• Adjusts the value to +: extends the positioning time</li> </ul> The positioning for the last sheet is done when [Last Paper Pos Time Adj:1K FIN] adjust value is set to 1.		
001	-	ENG	[-100 to 100 / 0 / 10msec/step]

6152	<b>[PosTiAdj(ExclstPr3rdTi):1KFIN]</b>		
	Adjusts positioning time for specified paper except the last sheet 2nd time. <ul style="list-style-type: none"> <li>Adjusts the value to -: shortens the positioning time</li> <li>Adjusts the value to +: extends the positioning time</li> </ul>		
001	A3 SEF	ENG	[-100 to 100 / 0 / 10msec/step]
002	B4 SEF	ENG	[-100 to 100 / 0 / 10msec/step]
003	A4 SEF	ENG	[-100 to 100 / 0 / 10msec/step]
004	A4 LEF	ENG	[-100 to 100 / 0 / 10msec/step]
005	B5 SEF	ENG	[-100 to 100 / 0 / 10msec/step]
006	B5 LEF	ENG	[-100 to 100 / 0 / 10msec/step]
007	DLT SEF	ENG	[-100 to 100 / 0 / 10msec/step]
008	LG SEF	ENG	[-100 to 100 / 0 / 10msec/step]
009	LT SEF	ENG	[-100 to 100 / 0 / 10msec/step]
010	LT LEF	ENG	[-100 to 100 / 0 / 10msec/step]
011	12x18	ENG	[-100 to 100 / 0 / 10msec/step]
012	8K SEF	ENG	[-100 to 100 / 0 / 10msec/step]
013	16K SEF	ENG	[-100 to 100 / 0 / 10msec/step]
014	16K LEF	ENG	[-100 to 100 / 0 / 10msec/step]
015	Other	ENG	[-100 to 100 / 0 / 10msec/step]
	Adjust positioning time for other than the specified paper except the last sheet 2nd time. <ul style="list-style-type: none"> <li>Adjusts the value to -: shortens the positioning time</li> <li>Adjusts the value to +: extends the positioning time</li> </ul>		

6154	<b>[Pos Time Adj By Sheet: 1K FIN]</b>		
	Adjusts the positioning time when stocked specified amount. <ul style="list-style-type: none"> <li>Adjusts the value to -: shortens the positioning time</li> <li>Adjusts the value to +: extends the positioning time</li> </ul>		

001	1 - 10 Sheets	ENG	[-100 to 100 / 0 / 10msec/step]
002	11 - 20 Sheets	ENG	
003	21 - 30 Sheets	ENG	
004	31 - 40 Sheets	ENG	
005	41 - 50 Sheets	ENG	

<b>6160</b>	<b>[Finisher Free Run: 1K FIN]</b>		
001	Free Run 1	ENG	[0 or 1 / 0 / 1/step]
	Executes shift mode no paper free run.		
002	Free Run 2	ENG	[0 or 1 / 0 / 1/step]
	Executes edge stitch (near side 1 point stitch) mode no paper free run.		
003	Free Run 3	ENG	[0 or 1 / 0 / 1/step]
	Executes saddle stitch mode no paper free run. (Does not execute with model with no saddle stitch unit)		
004	Free Run 4	ENG	[0 or 1 / 0 / 1/step]
	Executes saddle stitch mode no paper free run. (Does not execute with model with no saddle stitch unit)		

<b>6161</b>	<b>[FIN (1K FIN) INPUT Check]</b>		
	See page 763		

<b>6162</b>	<b>[FIN (1K FIN) OUTPUT Check]</b>		
	See page 793		

<b>6170</b>	<b>[Bridge: INPUT Check]</b>		
	See page 763		

6171	<b>[Bridge: OUTPUT Check]</b>		
	See page 793		
6172	<b>[Shift Tray: INPUT Check]</b>		
	See page 763		
6173	<b>[Shift Tray: OUTPUT Check]</b>		
	See page 793		
6174	<b>[1 Bin: INPUT Check]</b>		
	See page 763		
6180	<b>[M-ScanBindPosAdj:NonStplBindFIN]</b>		
	Adjusts the position of width direction (main scan direction) for binding. <ul style="list-style-type: none"> <li>• Value increase: The bind position moves toward outside of sheets.</li> <li>• Value decrease: The bind position moves toward inside of sheets.</li> </ul>		
001	-	ENG	[-1.0 to 1.0 / <b>0.0</b> / 0.5/mm]
6181	<b>[BindSpeedSetting:NonStplBindFIN]</b>		
	Improves the noise for bind finishing by adjusting the bind speed.		
001	-	ENG	[1 to 3 / <b>3</b> / 2/step] 1:Bind Speed 1 (Low) 3:Bind Speed 3 (High)

6182	<b>[ExitSpeedSwitch:NoStplBindFIN]</b>		
	<p>Adjusts the paper exit speed to align the stacked sheets properly.</p> <ul style="list-style-type: none"> <li>• Value increase: increases the paper exit speed.</li> <li>• Value decrease: decreases the paper exit speed.</li> </ul> <p>1: Exit Speed 1(Low)  2: Exit Speed 2  3: Exit Speed 3  4: Exit Speed 4  5: Exit Speed 5(High)</p>		
001	PaperLength:297.0-457.2mm, Thick(106-300g/m2)	ENG	[1 to 5 / 2 / 1/step]
002	PaperLength:297.0-457.2mm, Plain(60-105g/m2)	ENG	[1 to 5 / 2 / 1/step]
003	PaperLength:297.0-457.2mm, Thin(52-59g/m2)	ENG	[1 to 5 / 4 / 1/step]
004	PaperLength:210.0-296.9mm, Thick(106-300g/m2)	ENG	[1 to 5 / 2 / 1/step]
005	PaperLength:210.0-296.9mm, Plain(60-105g/m2)	ENG	[1 to 5 / 2 / 1/step]
006	PaperLength:210.0-296.9mm, Thin(52-59g/m2)	ENG	[1 to 5 / 4 / 1/step]
007	PaperLength:148.0-209.9mm, Thick(106-300g/m2)	ENG	[1 to 5 / 2 / 1/step]
008	PaperLength:148.0-209.9mm, Plain(60-105g/m2)	ENG	[1 to 5 / 2 / 1/step]
009	PaperLength:148.0-209.9mm, Thin(52-59g/m2)	ENG	[1 to 5 / 4 / 1/step]
6183	<b>[FinisherFreeRun:NoStplBindFIN]</b>		
	-		

001	Free Run 1	ENG	[ / 2 / - / - ]
002	Free Run 2	ENG	[ - / 2 / - / - ]
003	Free Run 3	ENG	[ - / 4 / - / - ]

6184	<b>[NoStplBindFin: INPUT Check]</b>		
	See page 763		

6185	<b>[NoStplBindFin: OUTPUT Check]</b>		
	See page 793		

6186	<b>[BindTimes NoStplBindFIN]</b>		
	1:Once 2:Twice		
001	-	*ENG	[ 1 to 2 / 2 / 1/step ]

6800	<b>[Sheet Conversion (Thick Paper)]</b>		
	Permits punching, including tab sheets.		
001	-	CTL	[ 1 to 3 / 3 / 1/step ] 1: 1 pages 2: 2 pages 3: 3 pages

6801	<b>[1-pass Stamp Unit]</b>		
001	-	*ENG	[ 0 or 1 / 0 / 1/step ] 0: NO 1: YES
	For 1 path simultaneous duplex models only. Sets installed/not installed of DONE stamp unit.		

6810	<b>[Ring Bind Sheet Conversion (Thick Paper)]</b>		
	-		



001	-	CTL	[1 to 3 / <b>3</b> / 1/step] 1: 1 pages 2: 2 pages 3: 3 pages
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6830	<b>[Extra Staples]</b>		
	<p>More than the standard number of sheets can be stapled. This SP sets the additional number of sheets (This Setting + Standard Number = maximum number of sheets).</p> <ul style="list-style-type: none"> <li>If the number of the maximum for staples is increased, and the mechanical warranty of the unit can be guaranteed, then the setting can take effect without changing the controller software.</li> <li>However, assurance that mechanical performance can be guaranteed is required before changing the setting to increase the staple load for more than the maximum in the feed/exit specifications. Raising this setting without quality assurance could damage the machine.</li> </ul>		
001	Staple positions other than booklet stapling	*CTL	[0 to 50 / <b>0</b> / 1/step]
002	2 Booklet stapling	*CTL	[0 to 50 / <b>0</b> / 1/step]
	<p>Makes possible for staple to saddle stitch more sheets than basic amount. Saddle stitch staple max. amount will be recognized as the total of this SP's value and the basic amount.</p>		
003	Finisher booklet max. paper count custom setting	*CTL	[0 to 50 / <b>0</b> / 1/step]
	<p>Makes possible for finisher to middle fold more than the basic foldable amount. Middle fold max. amount will be recognized as the total of this SP's value and basic Middle fold amount.</p>		

6900	<b>[ADF Bottom Plate Setting]</b>		
001	-	*ENG	[0 or 1 / <b>0</b> / 1/step] 0: Bottom plate rise on original set (default) 1: Bottom plate rise on paper exit signal.
	For 1 path simultaneous duplex models only. Changes bottom plate rising mode.		

# Main SP Tables-7

## SP7-XXX (Data Log)

2

7401	<b>[Total SC]</b>		
	Stores total SC occurring count. If the same SC codes are detected continuously and total counter is not increasing, it only logs once in case of deleting other SC code logs.		
001	SC Counter	*CTL	[0 to 65535 / - / 1/step]
002	Total SC Counter	*CTL	[0 to 65535 / - / 1/step]

7403	<b>[SC History]</b>		
	<p>Logs and displays the SC codes detected.</p> <p>The 10 most recently detected SC Codes are displayed on the screen, and also can be seen on the SMC (logging) outputs.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>If the same SC codes are detected continuously and total counter is not increasing, it only logs once in case of deleting other SC code logs.</li> </ul>		
001	Latest	*CTL	[- / - / -]
002	Latest 1	*CTL	
003	Latest 2	*CTL	
004	Latest 3	*CTL	
005	Latest 4	*CTL	
006	Latest 5	*CTL	
007	Latest 6	*CTL	
008	Latest 7	*CTL	
009	Latest 8	*CTL	
010	Latest 9	*CTL	

7404	<b>[SC990 / SC991 History]</b>		
	<p>Logs and displays the SC990 / SC991 detected. The 10 most recently detected SC.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>If the same SC codes are detected continuously and total counter is not increasing, it only logs once in case of deleting other SC code logs.</li> </ul>		
001	Latest	* CTL	[- / - / -]
002	Latest 1	* CTL	
003	Latest 2	* CTL	
004	Latest 3	* CTL	
005	Latest 4	* CTL	
006	Latest 5	* CTL	
007	Latest 6	* CTL	
008	Latest 7	* CTL	
009	Latest 8	* CTL	
010	Latest 9	* CTL	

7502	<b>[Total Paper Jam]</b>		
	Displays the total number of jams detected.		
001	Jam Counter	* CTL	[00000 to 65535 / - / 1 sheet/step]
	If the JAM occurred in multiple places, it logs as one SC.		
002	Total Jam Counter	* CTL	[00000 to 65535 / - / 1 sheet/step]

7503	<b>[Total Original Jam Counter]</b>		
	-		
001	-	* CTL	[00000 to 65535 / - / - /step]
002	Total Original Counter	* CTL	

7504	[Paper Jam Location]		
	Displays counts for transfer paper jam for each incidence place.		
001	At Power On	* CTL	Paper is not fed at power on. [0000 to 9999 / - / 1/step]
003	Tray1: On	* CTL	[0000 to 9999 / - / 1/step]
004	Tray2: On	* CTL	[0000 to 9999 / - / 1/step]
005	Tray3: On	* CTL	[0000 to 9999 / - / 1/step]
006	Tray4: On	* CTL	[0000 to 9999 / - / 1/step]
007	LCT: On	* CTL	[0000 to 9999 / - / 1/step]
008	Bypass: On	* CTL	[0000 to 9999 / - / 1/step]
009	Duplex: On	* CTL	[0000 to 9999 / - / 1/step]
010	Timing: On	* CTL	[0000 to 9999 / - / 1/step]
011	Transport 1: On	* CTL	[0000 to 9999 / - / 1/step]
012	Transport 2: On	* CTL	[0000 to 9999 / - / 1/step]
013	Vertical Trans. 3: On	* CTL	[0000 to 9999 / - / 1/step]
014	Vertical Trans. 4: On	* CTL	[0000 to 9999 / - / 1/step]
015	LCT Feed Sensor: On	* CTL	[0000 to 9999 / - / 1/step]
017	Registration: On	* CTL	[0000 to 9999 / - / 1/step]
018	Fusing Entrance: On	* CTL	[0000 to 9999 / - / 1/step]
019	Fusing Exit: On	* CTL	[0000 to 9999 / - / 1/step]
020	Paper Exit: On	* CTL	[0000 to 9999 / - / 1/step]
021	Bridge Tray Exit: On	* CTL	[0000 to 9999 / - / 1/step]
022	Bridge Relay: On	* CTL	[0000 to 9999 / - / 1/step]
024	Inverter: On	* CTL	[0000 to 9999 / - / 1/step]
025	Duplex Exit Sensor: On	* CTL	[0000 to 9999 / - / 1/step]
027	Duplex Entrance Sensor: On	* CTL	[0000 to 9999 / - / 1/step]

051	Transport 1: Off	* CTL	[0000 to 9999 / - / 1/step]
052	Transport 2: Off	* CTL	[0000 to 9999 / - / 1/step]
053	Vertical Trans. 3: Off	* CTL	[0000 to 9999 / - / 1/step]
054	Vertical Trans. 4: Off	* CTL	[0000 to 9999 / - / 1/step]
057	Registration Sensor: Off	* CTL	[0000 to 9999 / - / 1/step]
058	LCT Feed Sensor: Off	* CTL	[0000 to 9999 / - / 1/step]
060	Paper Exit: Off	* CTL	[0000 to 9999 / - / 1/step]
061	Bridge: Exit: Off	* CTL	[0000 to 9999 / - / 1/step]
062	Bridge: Transport: Off	* CTL	[0000 to 9999 / - / 1/step]
064	Inverter: Off	* CTL	[0000 to 9999 / - / 1/step]
065	Duplex Exit: Off	* CTL	[0000 to 9999 / - / 1/step]
067	Duplex Entrance: Off	* CTL	[0000 to 9999 / - / 1/step]
099	Double-Feed Detection	* CTL	[0000 to 9999 / - / 1/step]
100	Entrance: On	* CTL	[0000 to 9999 / - / 1/step]
101	Entrance: Off	* CTL	[0000 to 9999 / - / 1/step]
102	Transport : On	* CTL	[0000 to 9999 / - / 1/step]
103	Transport: Off	* CTL	[0000 to 9999 / - / 1/step]
104	Paper Exit	* CTL	[0000 to 9999 / - / 1/step]
105	Front Jogger Motor	* CTL	[0000 to 9999 / - / 1/step]
106	Rear Jogger Motor	* CTL	[0000 to 9999 / - / 1/step]
107	Shift Roller Motor	* CTL	[0000 to 9999 / - / 1/step]
108	Positioning Motor	* CTL	[0000 to 9999 / - / 1/step]
109	Exit Guide Plate Motor	* CTL	[0000 to 9999 / - / 1/step]
110	Stapler Shift Motor	* CTL	[0000 to 9999 / - / 1/step]
111	Tray Lift Motor	* CTL	[0000 to 9999 / - / 1/step]
112	Staple Motor	* CTL	[0000 to 9999 / - / 1/step]

113	Stack Height Motor	*CTL	[0000 to 9999 / - / 1/step]
114	Punch Motor	*CTL	[0000 to 9999 / - / 1/step]
115	Punch Move Motor	*CTL	[0000 to 9999 / - / 1/step]
116	S-to-S Registration Move Motor	*CTL	[0000 to 9999 / - / 1/step]
148	No Exit Response	*CTL	[0000 to 9999 / - / 1/step]
149	Main Machine Setting Incorrect	*CTL	[0000 to 9999 / - / 1/step]
150	Entrance Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
151	Entrance Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
152	Horizontal Transport Sn: On	*CTL	[0000 to 9999 / - / 1/step]
153	Horizontal Transport Sn: Off	*CTL	[0000 to 9999 / - / 1/step]
154	Switchback Transport Sn: On	*CTL	[0000 to 9999 / - / 1/step]
155	Switchback Transport Sn: Off	*CTL	[0000 to 9999 / - / 1/step]
156	Proof Tray Exit	*CTL	[0000 to 9999 / - / 1/step]
157	Shift Tray Exit	*CTL	[0000 to 9999 / - / 1/step]
158	Booklet Stapler Exit	*CTL	[0000 to 9999 / - / 1/step]
159	Entrance Motor	*CTL	[0000 to 9999 / - / 1/step]
160	Horizontal Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
161	Pre-Stack Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
162	Relay Motor	*CTL	[0000 to 9999 / - / 1/step]
163	Paper Exit Motor	*CTL	[0000 to 9999 / - / 1/step]
164	Stack Plate Motor: Rear	*CTL	[0000 to 9999 / - / 1/step]
165	Paper Exit Guide Plate Motor	*CTL	[0000 to 9999 / - / 1/step]
166	Punch Motor	*CTL	[0000 to 9999 / - / 1/step]
167	Punch Move Motor	*CTL	[0000 to 9999 / - / 1/step]

168	Pre-Stack: On	* CTL	[0000 to 9999 / - / 1/step]
169	Pre-Stack: Off	* CTL	[0000 to 9999 / - / 1/step]
170	Jogger Motor	* CTL	[0000 to 9999 / - / 1/step]
171	Positioning Roller Rotation Mt	* CTL	[0000 to 9999 / - / 1/step]
172	Feed Out Motor	* CTL	[0000 to 9999 / - / 1/step]
173	Corner Stapler Moving Motor	* CTL	[0000 to 9999 / - / 1/step]
174	Corner Stapler Motor	* CTL	[0000 to 9999 / - / 1/step]
175	Booklet Jogger Motor	* CTL	[0000 to 9999 / - / 1/step]
176	Booklet Jogger Solenoid Motor	* CTL	[0000 to 9999 / - / 1/step]
177	Booklet Standard Fence Motor	* CTL	[0000 to 9999 / - / 1/step]
178	Booklet Stapler Motor	* CTL	[0000 to 9999 / - / 1/step]
179	Dynamic Roller Transport Mt	* CTL	[0000 to 9999 / - / 1/step]
180	Folder Transport Motor	* CTL	[0000 to 9999 / - / 1/step]
181	Bk Stapler Posit Rllr Rotat Mt	* CTL	[0000 to 9999 / - / 1/step]
182	Press-fold Motor	* CTL	[0000 to 9999 / - / 1/step]
183	Tray Lift Motor	* CTL	[0000 to 9999 / - / 1/step]
184	Shift Motor	* CTL	[0000 to 9999 / - / 1/step]
185	Shift Jogger Motor: Front	* CTL	[0000 to 9999 / - / 1/step]
186	Shift Jogger Motor: Rear	* CTL	[0000 to 9999 / - / 1/step]
187	Shift Jogger Retraction Motor	* CTL	[0000 to 9999 / - / 1/step]
188	Drag Roller Vibrating Motor	* CTL	[0000 to 9999 / - / 1/step]
189	Leading Edge Guide Motor	* CTL	[0000 to 9999 / - / 1/step]
190	Job Data Error	* CTL	[0000 to 9999 / - / 1/step]
200	Entrance: On	* CTL	[0000 to 9999 / - / 1/step]

201	Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
202	Proog Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
203	Proog Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
204	ITB Transport: Right: On	*CTL	[0000 to 9999 / - / 1/step]
205	Left Relay: On	*CTL	[0000 to 9999 / - / 1/step]
206	Left Relay: Off	*CTL	[0000 to 9999 / - / 1/step]
207	Shift Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
208	Shift Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
209	Stack: On	*CTL	[0000 to 9999 / - / 1/step]
210	TE Stopper: On	*CTL	[0000 to 9999 / - / 1/step]
211	TE Stopper: Off	*CTL	[0000 to 9999 / - / 1/step]
212	Booklet Folder Exit: On	*CTL	[0000 to 9999 / - / 1/step]
213	Booklet Folder Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
220	Entrance Motor	*CTL	[0000 to 9999 / - / 1/step]
221	Proof Motor	*CTL	[0000 to 9999 / - / 1/step]
222	Ppr Feed/Posit & Move Rllr Mt	*CTL	[0000 to 9999 / - / 1/step]
223	Shift Motor	*CTL	[0000 to 9999 / - / 1/step]
224	Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
225	Exit Guide Plate Motor	*CTL	[0000 to 9999 / - / 1/step]
226	Feed Out Motor	*CTL	[0000 to 9999 / - / 1/step]
227	Output Tray Motor	*CTL	[0000 to 9999 / - / 1/step]
228	Positioning Motor	*CTL	[0000 to 9999 / - / 1/step]
229	Stapler Shift Motor	*CTL	[0000 to 9999 / - / 1/step]
230	Stapler Motor	*CTL	[0000 to 9999 / - / 1/step]
231	Punch Motor	*CTL	[0000 to 9999 / - / 1/step]



232	Stack Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
233	LE Stopper Motor	*CTL	[0000 to 9999 / - / 1/step]
234	Folder Blade Motor	*CTL	[0000 to 9999 / - / 1/step]
248	No Exit Response	*CTL	[0000 to 9999 / - / 1/step]
249	Main Machine Setting Incorrect	*CTL	[0000 to 9999 / - / 1/step]

7505	<b>[Original Jam Det]</b>		
	Displays the number of jams based on jam causes.		
001	At Power On	*CTL	[0000 to 9999 / - / -/step]
013	Separat Sensor: On	*CTL	[0000 to 9999 / - / -/step]
014	Skew Correction Sn: On	*CTL	[0000 to 9999 / - / -/step]
015	Scan Entrance Sensor: On	*CTL	[0000 to 9999 / - / -/step]
016	Registration Sensor: On	*CTL	[0000 to 9999 / - / -/step]
017	Original Exit Sensor: On	*CTL	[0000 to 9999 / - / -/step]
063	Separat Sensor : Off	*CTL	[0000 to 9999 / - / -/step]
064	Skew Correction Sensor: Off	*CTL	[0000 to 9999 / - / -/step]
065	Scan Entrance Sensor: Off	*CTL	[0000 to 9999 / - / -/step]
066	Registration Sensor: Off	*CTL	[0000 to 9999 / - / -/step]
067	Original Exit Sensor Off	*CTL	[0000 to 9999 / - / -/step]
239	Original Pull	*CTL	[0000 to 9999 / - / -/step]

7506	<b>[Jam Count by Paper Size]</b>		
	Displays the number of jams according to the paper size.		

005	A4 LEF	*CTL	[0 to 9999 / 0 / 1 sheet/step]
006	A5 LEF	*CTL	
014	B5 LEF	*CTL	
038	LT LEF	*CTL	
044	HLT LEF	*CTL	
132	A3 SEF	*CTL	
133	A4 SEF	*CTL	
134	A5 SEF	*CTL	
141	B4 SEF	*CTL	
142	B5 SEF	*CTL	
160	DLT SEF	*CTL	
164	LG SEF	*CTL	
166	LT SEF	*CTL	
172	HLT SEF	*CTL	
255	Others	*CTL	

7507	<b>[Plotter Jam History]</b>
	Logs and displays the 10 most recent detected transfer paper jams. (CAUSE, SIZE, TOTAL, DATE)

001	Latest	* CTL	[- / - / -]
002	Latest 1	* CTL	
003	Latest 2	* CTL	
004	Latest 3	* CTL	
005	Latest 4	* CTL	
006	Latest 5	* CTL	
007	Latest 6	* CTL	
008	Latest 7	* CTL	
009	Latest 8	* CTL	
010	Latest 9	* CTL	

7508	<b>[Original Jam History]</b>		
	Logs and displays the 10 most recent detected transfer paper jams. (CAUSE, SIZE, TOTAL, DATE)		
001	Latest	* CTL	[- / - / -]
002	Latest 1	* CTL	
003	Latest 2	* CTL	
004	Latest 3	* CTL	
005	Latest 4	* CTL	
006	Latest 5	* CTL	
007	Latest 6	* CTL	
008	Latest 7	* CTL	
009	Latest 8	* CTL	
010	Latest 9	* CTL	

<b>[Paper Jam Count by Location]</b>			
<b>7514</b>	Total counter of transfer paper jam by each incidence place		
	Displays occurring count of transfer paper jams by each incidence place.		
001	At Power On	* CTL	Paper is not fed at power on. [0000 to 9999 / - / 1/step]
003	Tray1: On	* CTL	[0000 to 9999 / - / 1/step]
004	Tray2: On	* CTL	[0000 to 9999 / - / 1/step]
005	Tray3: On	* CTL	[0000 to 9999 / - / 1/step]
006	Tray4: On	* CTL	[0000 to 9999 / - / 1/step]
007	LCT: On	* CTL	[0000 to 9999 / - / 1/step]
008	Bypass: On	* CTL	[0000 to 9999 / - / 1/step]
009	Duplex: On	* CTL	[0000 to 9999 / - / 1/step]
010	Timing 1: On	* CTL	[0000 to 9999 / - / 1/step]
011	Transport 1: On	* CTL	[0000 to 9999 / - / 1/step]
012	Transport 2: On	* CTL	[0000 to 9999 / - / 1/step]
013	Vertical Trans. 3: On	* CTL	[0000 to 9999 / - / 1/step]
014	Vertical Trans. 4: On	* CTL	[0000 to 9999 / - / 1/step]
015	LCT Feed Sensor: On	* CTL	[0000 to 9999 / - / 1/step]
017	Registration: On	* CTL	[0000 to 9999 / - / 1/step]
018	Fusing Entrance: On	* CTL	[0000 to 9999 / - / 1/step]
019	Fusing Exit: On	* CTL	[0000 to 9999 / - / 1/step]
020	Paper Exit: On	* CTL	[0000 to 9999 / - / 1/step]
021	Bridge Tray Exit: On	* CTL	[0000 to 9999 / - / 1/step]
022	Bridge Relay: On	* CTL	[0000 to 9999 / - / 1/step]
024	Inverter: On	* CTL	[0000 to 9999 / - / 1/step]
025	Duplex Exit Sensor: On	* CTL	[0000 to 9999 / - / 1/step]

027	Duplex Entrance Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
051	Transport 1 : Off	*CTL	[0000 to 9999 / - / 1/step]
052	Transport 2: Off	*CTL	[0000 to 9999 / - / 1/step]
053	Vertical Trans. 3: Off	*CTL	[0000 to 9999 / - / 1/step]
054	Vertical Trans. 4: Off	*CTL	[0000 to 9999 / - / 1/step]
057	Registration Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
058	LCT Feed Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
060	Paper Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
061	Bridge: Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
062	Bridge: Transport: Off	*CTL	[0000 to 9999 / - / 1/step]
064	Inverter: Off	*CTL	[0000 to 9999 / - / 1/step]
065	Duplex Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
067	Duplex Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
099	Double-Feed Detection	*CTL	[0000 to 9999 / - / 1/step]
100	Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
101	Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
102	Transport : On	*CTL	[0000 to 9999 / - / 1/step]
103	Transport: Off	*CTL	[0000 to 9999 / - / 1/step]
104	Paper Exit	*CTL	[0000 to 9999 / - / 1/step]
105	Front Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
106	Rear Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
107	Shift Roller Motor	*CTL	[0000 to 9999 / - / 1/step]
108	Positioning Motor	*CTL	[0000 to 9999 / - / 1/step]
109	Exit Guide Plate Motor	*CTL	[0000 to 9999 / - / 1/step]
110	Stapler Shift Motor	*CTL	[0000 to 9999 / - / 1/step]
111	Tray Lift Motor	*CTL	[0000 to 9999 / - / 1/step]

112	Staple Motor	*CTL	[0000 to 9999 / - / 1/step]
113	Stack Height Motor	*CTL	[0000 to 9999 / - / 1/step]
114	Punch Motor	*CTL	[0000 to 9999 / - / 1/step]
115	Punch Move Motor	*CTL	[0000 to 9999 / - / 1/step]
116	S-to-S Registration Move Motor	*CTL	[0000 to 9999 / - / 1/step]
148	No Exit Response	*CTL	[0000 to 9999 / - / 1/step]
149	Main Machine Setting Incorrect	*CTL	[0000 to 9999 / - / 1/step]
150	Entrance Sensor: On	*CTL	[0000 to 9999 / - / 1/step]
151	Entrance Sensor: Off	*CTL	[0000 to 9999 / - / 1/step]
152	Horizontal Transport Sn: On	*CTL	[0000 to 9999 / - / 1/step]
153	Horizontal Transport Sn: Off	*CTL	[0000 to 9999 / - / 1/step]
154	Switchback Transport Sn: On	*CTL	[0000 to 9999 / - / 1/step]
155	Switchback Transport Sn: Off	*CTL	[0000 to 9999 / - / 1/step]
156	Proof Tray Exit	*CTL	[0000 to 9999 / - / 1/step]
157	Shift Tray Exit	*CTL	[0000 to 9999 / - / 1/step]
158	Booklet Stapler Exit	*CTL	[0000 to 9999 / - / 1/step]
159	Entrance Motor	*CTL	[0000 to 9999 / - / 1/step]
160	Horizontal Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
161	Pre-Stack Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
162	Relay Motor	*CTL	[0000 to 9999 / - / 1/step]
163	Paper Exit Motor	*CTL	[0000 to 9999 / - / 1/step]
164	Stack Plate Motor: Rear	*CTL	[0000 to 9999 / - / 1/step]
165	Paper Exit Guide Plate Motor	*CTL	[0000 to 9999 / - / 1/step]
166	Punch Motor	*CTL	[0000 to 9999 / - / 1/step]

167	Punch Move Motor	* CTL	[0000 to 9999 / - / 1/step]
168	S-to-S Registration Move Motor	* CTL	[0000 to 9999 / - / 1/step]
169	Lower JG Motor	* CTL	[0000 to 9999 / - / 1/step]
170	Jogger Motor	* CTL	[0000 to 9999 / - / 1/step]
171	Positioning Roller Rotation Mt	* CTL	[0000 to 9999 / - / 1/step]
172	Feed Out Motor	* CTL	[0000 to 9999 / - / 1/step]
173	Corner Stapler Moving Motor	* CTL	[0000 to 9999 / - / 1/step]
174	Corner Stapler Motor	* CTL	[0000 to 9999 / - / 1/step]
175	Booklet Jogger Motor	* CTL	[0000 to 9999 / - / 1/step]
176	Booklet Jogger Solenoid Motor	* CTL	[0000 to 9999 / - / 1/step]
177	Booklet Standard Fence Motor	* CTL	[0000 to 9999 / - / 1/step]
178	Booklet Stapler Motor	* CTL	[0000 to 9999 / - / 1/step]
179	Dynamic Roller Transport Mt	* CTL	[0000 to 9999 / - / 1/step]
180	Folder Transport Motor	* CTL	[0000 to 9999 / - / 1/step]
181	Bk Stapler Posit Rllr Rotat Mt	* CTL	[0000 to 9999 / - / 1/step]
182	Press-fold Motor	* CTL	[0000 to 9999 / - / 1/step]
183	Tray Lift Motor	* CTL	[0000 to 9999 / - / 1/step]
184	Shift Motor	* CTL	[0000 to 9999 / - / 1/step]
185	Shift Jogger Motor: Front	* CTL	[0000 to 9999 / - / 1/step]
186	Shift Jogger Motor: Rear	* CTL	[0000 to 9999 / - / 1/step]
187	Shift Jogger Retraction Motor	* CTL	[0000 to 9999 / - / 1/step]
188	Drag Roller Vibrating Motor	* CTL	[0000 to 9999 / - / 1/step]
189	Leading Edge Guide Motor	* CTL	[0000 to 9999 / - / 1/step]
190	Job Data Error	* CTL	[0000 to 9999 / - / 1/step]

200	Entrance: On	*CTL	[0000 to 9999 / - / 1/step]
201	Entrance: Off	*CTL	[0000 to 9999 / - / 1/step]
202	Proog Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
203	Proog Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
204	ITB Transport: Right: On	*CTL	[0000 to 9999 / - / 1/step]
205	Left Relay: On	*CTL	[0000 to 9999 / - / 1/step]
206	Left Relay: Off	*CTL	[0000 to 9999 / - / 1/step]
207	Shift Tray Exit: On	*CTL	[0000 to 9999 / - / 1/step]
208	Shift Tray Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
209	Stack: On	*CTL	[0000 to 9999 / - / 1/step]
210	TE Stopper: On	*CTL	[0000 to 9999 / - / 1/step]
211	TE Stopper: Off	*CTL	[0000 to 9999 / - / 1/step]
212	Booklet Folder Exit: On	*CTL	[0000 to 9999 / - / 1/step]
213	Booklet Folder Exit: Off	*CTL	[0000 to 9999 / - / 1/step]
220	Entrance Motor	*CTL	[0000 to 9999 / - / 1/step]
221	Proof Motor	*CTL	[0000 to 9999 / - / 1/step]
222	Ppr Feed/Posit & Move Rllr Mt	*CTL	[0000 to 9999 / - / 1/step]
223	Shift Motor	*CTL	[0000 to 9999 / - / 1/step]
224	Jogger Motor	*CTL	[0000 to 9999 / - / 1/step]
225	Exit Guide Plate Motor	*CTL	[0000 to 9999 / - / 1/step]
226	Feed Out Motor	*CTL	[0000 to 9999 / - / 1/step]
227	Output Tray Motor	*CTL	[0000 to 9999 / - / 1/step]
228	Positioning Motor	*CTL	[0000 to 9999 / - / 1/step]
229	Stapler Shift Motor	*CTL	[0000 to 9999 / - / 1/step]
230	Stapler Motor	*CTL	[0000 to 9999 / - / 1/step]



231	Punch Motor	*CTL	[0000 to 9999 / - / 1/step]
232	Stack Transport Motor	*CTL	[0000 to 9999 / - / 1/step]
233	LE Stopper Motor	*CTL	[0000 to 9999 / - / 1/step]
234	Folder Blade Motor	*CTL	[0000 to 9999 / - / 1/step]
248	No Exit Response	*CTL	[0000 to 9999 / - / 1/step]
249	Main Machine Setting Incorrect	*CTL	[0000 to 9999 / - / 1/step]

7515	<b>[Total Original Jam Detection]</b>		
	-		
001	At Power On	*CTL	[0 to 9999 / - / -]
013	Separat Sensor: On	*CTL	[0 to 9999 / - / -]
014	Skew Correction Sn: On	*CTL	[0 to 9999 / - / -]
015	Scan Entrance Sensor: On	*CTL	[0 to 9999 / - / -]
016	Registration Sensor: On	*CTL	[0 to 9999 / - / -]
017	Original Exit Sensor: On	*CTL	[0 to 9999 / - / -]
063	Separat Sensor : Off	*CTL	[0 to 9999 / - / -]
064	Skew Correction Sensor: Off	*CTL	[0 to 9999 / - / -]
065	Scan Entrance Sensor: Off	*CTL	[0 to 9999 / - / -]
066	Registration Sensor: Off	*CTL	[0 to 9999 / - / -]
067	Original Exit Sensor Off	*CTL	[0 to 9999 / - / -]
239	Original Pull	*CTL	[0 to 9999 / - / -]

7516	<b>[-]</b>		
	Displays occurring count of transfer paper jams by each paper size.		

005	A4 LEF	*CTL	[0 to 9999 / 0 / 1 sheet/step]
006	A5 LEF	*CTL	
014	B5 LEF	*CTL	
038	LT LEF	*CTL	
044	HLT LEF	*CTL	
132	A3 SEF	*CTL	[0 to 9999 / 0 / 1 sheet/step]
133	A4 SEF	*CTL	
134	A5 SEF	*CTL	
141	B4 SEF	*CTL	
142	B5 SEF	*CTL	
160	DLT SEF	*CTL	[0 to 9999 / 0 / 1 sheet/step]
164	LG SEF	*CTL	
166	LT SEF	*CTL	
172	HLT SEF	*CTL	
255	Others	*CTL	

7520	<b>[Update Log]</b>		
	<p>Displays the last 10 error logs of firmware update. [-001] shows the latest (new) error; [-010] shows the oldest. The last 11 or more previous errors are deleted. For example, when the latest update is successfully done, success status is recorded in [-001].</p> <p>Counting is based on the counts of updating: even when multiple modules are all updated at once, this SP counts it as one update. Note that only the last module of them is logged in this case.</p>		
	001	ErrorRecord1	*CTL [0 to 255 / 0 / 1/step]
	002	ErrorRecord2	*CTL [0 to 255 / 0 / 1/step]
	003	ErrorRecord3	*CTL [0 to 255 / 0 / 1/step]
	004	ErrorRecord4	*CTL [0 to 255 / 0 / 1/step]
005	ErrorRecord5	*CTL [0 to 255 / 0 / 1/step]	

006	ErrorRecord6	*CTL	[0 to 255 / 0 / 1/step]
007	ErrorRecord7	*CTL	[0 to 255 / 0 / 1/step]
008	ErrorRecord8	*CTL	[0 to 255 / 0 / 1/step]
009	ErrorRecord9	*CTL	[0 to 255 / 0 / 1/step]
010	ErrorRecord10	*CTL	[0 to 255 / 0 / 1/step]

7621	[PM Counter Display: Pages]		
	-		
002	# PCU:K	ENG	[0 to 99999999 / 0 / 1page/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 99999999 / 0 / 1page/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 99999999 / 0 / 1page/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 99999999 / 0 / 1page/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 99999999 / 0 / 1page/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

131	Dust Filter: Ozone Duct	ENG	[0 to 999999999 / 0 / 1page/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	[0 to 999999999 / 0 / 1mg/step]
206	ADF Pick-up Roller	ENG	[0 to 999999999 / 0 / 1page/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

7622	<b>[PM Counter Reset]</b>		
	-		
002	# PCU:K	ENG	[0 or 1 / 0 / 1/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 or 1 / 0 / 1/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 or 1 / 0 / 1/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 or 1 / 0 / 1/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	

093	# ITB Unit	ENG	[0 or 1 / 0 / 1/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 or 1 / 0 / 1/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 or 1 / 0 / 1/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 or 1 / 0 / 1/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	
245	PCU:All Colors	ENG	[0 or 1 / 0 / 1/step]
246	Development Unit:All Colors	ENG	
247	Developer:All Colors	ENG	
249	Toner Sub Hopper:All Colors	ENG	
250	SCS	ENG	[0 or 1 / 0 / 1/step]

7623	<b>[PM Value Setting: Life Pages]</b>
	-

002	# PCU:K	ENG	[0 to 99999999 / 0 / 1page/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 99999999 / 0 / 1page/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 99999999 / 0 / 1page/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 99999999 / 0 / 1page/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 99999999 / <b>600000</b> / 1page/step]
102	# ITB Cleaning Unit	ENG	[0 to 99999999 / <b>300000</b> / 1page/step]
109	# PTR Unit	ENG	[0 to 99999999 / <b>400000</b> / 1page/step]
115	# Fusing Unit	ENG	[0 to 99999999 / <b>400000</b> / 1page/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 99999999 / <b>300000</b> / 1page/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	[0 to 999999999 / <b>1000000</b> / 1mg/step]
206	ADF Pick-up Roller	ENG	[0 to 99999999 / <b>120000</b> / 1page/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

7624	[Parts Replacement Operation ON/OFF]		
	-		
002	#Drum unit:Bk	* CTL	[0 or 1 / 0 / 1/step] 0: No 1: Yes
025	#Drum Unit:C	* CTL	
026	#Development Unit:C	* CTL	
048	#Drum unit:M	* CTL	
049	Development Unit:M	* CTL	
071	#Drum Unit:Y	* CTL	
072	#Development Unit:Y	* CTL	
093	Image Transfer Unit	* CTL	
102	Image Transfer	* CTL	
109	Paper Transfer Roller Unit	* CTL	
115	Fusing Unit	* CTL	
116	Fusing Roller Unit	* CTL	
118	Pressure Roller	* CTL	
131	Filter Ozone Duct	* CTL	
132	Filter Heat Exhaust Duct	* CTL	
142	Waste Toner Bottle	* CTL	
206	ADF Pick-up Roller	* CTL	
207	ADF Transfer Belt	* CTL	
208	ADF Separation Roller	* CTL	

7625	[Previous Unit Counter: Pages]		
	-		

002	# PCU:K	ENG	[0 to 999999999 / 0 / 1page/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 999999999 / 0 / 1page/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 999999999 / 0 / 1page/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 999999999 / 0 / 1page/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 999999999 / 0 / 1page/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 999999999 / 0 / 1page/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	[0 to 999999999 / 0 / 1mg/step]
206	ADF Pick-up Roller	ENG	[0 to 999999999 / 0 / 1page/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	



7626	[Previous Unit Counter2: Pages]		
	-		
002	# PCU:K	ENG	
003	# Dev Unit:K	ENG	[0 to 99999999 / 0 / 1page/step]
004	Developer:K	ENG	
025	# PCU:C	ENG	
026	# Dev Unit:C	ENG	[0 to 99999999 / 0 / 1page/step]
027	Developer:C	ENG	
048	# PCU:M	ENG	
049	# Dev Unit:M	ENG	[0 to 99999999 / 0 / 1page/step]
050	Developer:M	ENG	
071	# PCU:Y	ENG	
072	# Dev Unit:Y	ENG	[0 to 99999999 / 0 / 1page/step]
073	Developer:Y	ENG	
093	# ITB Unit	ENG	
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	[0 to 99999999 / 0 / 1page/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 99999999 / 0 / 1page/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	[0 to 999999999 / 0 / 1mg/step]
206	ADF Pick-up Roller	ENG	
207	ADF Supply Belt	ENG	[0 to 999999999 / 0 / 1page/step]
208	ADF Reverse Roller	ENG	

7628	<b>[PM Counter Reset]</b>		
	Resets all counts for PM Counter.		
002	SCS	ENG	[0 or 1 / 0 / 1/step]

7801	<b>[ROM No./ Firmware Version]</b>		
	Displays all version numbers, part numbers in machine.		
255	-	CTL	-

7803	<b>[PM Counter Display]</b>		
	Displays the PM counter for each unit.		
001	Paper	*CTL	[0 to 999999 / 0 / 1/step]

7804	<b>[PM Counter Reset]</b>		
	<p>Clears the PM counter.</p> <p>Press the Enter key after the machine asks "Execute?", which will store the PM counter value in SP7-906 (PM Counter - Previous) and reset the value of the current PM counter (SP7-803) to "0".</p>		
001	Paper	CTL	[- / - / -] [Execute]

7807	<b>[SC/Jam Counter Reset]</b>		
	<p>Resets the SC, paper, original, and total jam counters. When the program ends normally, the message "Completed" is displayed.</p> <p><b>Note</b></p> <ul style="list-style-type: none"> <li>SP7-807-1 does not reset the following logs: SP7-507 (Display-Paper Jam History) and SP7-508 (Display-Original Jam History).</li> </ul>		
001	-	*CTL	[- / - / -] [Execute]

7826	<b>[MF Error Counter]</b>		
	Displays the MF error count.		

001	Error Total	*CTL	[0000000 to 9999999 / - / -]
002	Error Staple	*CTL	[0000000 to 9999999 / - / -]

7827	<b>[MF Error Counter Clear]</b>		
	Clears the MF error count shown in SP7826.		
001	-	-	[- / - / -] [Execute]

7832	<b>[Self-Diagnose Result Display]</b>		
	Displays the result of the diagnostics. To scroll the return codes, press the up-arrow key or the down-arrow key.		
001	No error	CTL	[- / - / -]

7835	<b>[ACC Counter]</b>		
	-		
001	Copy ACC	*CTL	[0 to 9999999 / - / - /step]
002	Printer ACC	*CTL	[0 to 9999999 / - / - /step]

7836	<b>[Total Memory Size]</b>		
	Displays the memory capacity of the controller system.		
001	Total Memory Size	CTL	[- / - / -]

7840	<b>[Service SP Entry Code Chg Hist]</b>			
	Records dates and times of resetting / changing "Service SP mode switch code setting" for the recent 2 times. (Decides whether the record is for setting changes or resets by branch number.)			
	001	Change Time :Latest	*CTL	[- / - / -]
	002	Change Time : Last1	*CTL	[- / - / -]
	101	Initialize Time : Latest	*CTL	[- / - / -]

102	Initialize Time : Last 1	*CTL	[- / - / -]
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<b>7852</b>	<b>[DF Glass Dust Check]</b>		
001	Dust Detection Counter	*ENG	[0 to 65535 / 0 / 1/step]
	Records the times detecting dust at all points of front side scan position. When there is a dust even when before starting the next job, consider as same dust and doesn't count. Counts when SP4-020-001: DF scan glass part dust detect front is ON.		
002	Dust Counter Clear Counter	*ENG	[0 to 65535 / 0 / 1/step]
	For checking front side scan position move effect. Counts the times that strips were avoided by detecting dust and move the sheet through DF scan position. Counts when SP4-020-001: DF scan glass part dust detect front is ON.		
003	Dust Detection Counter: Back	*ENG	[0 to 65535 / 0 / 1/step]
	For Single Path simultaneous duplex models only. Records the times detecting dust at all points of rear side scan position. When there is a same dust even when before starting the next job, consider as same dust and doesn't count. * Counts when SP4-020-011: DF		

<b>7853</b>	<b>[Replace Counter]</b>		
	-		
002	# PCU:K	ENG	[0 to 255 / 0 / 1/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 255 / 0 / 1/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / 0 / 1/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	

071	# PCU:Y	ENG	[0 to 255 / 0 / 1/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / 0 / 1/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 255 / 0 / 1/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 to 255 / 0 / 1/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 to 255 / 0 / 1/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

<b>7855</b>	<b>[Coverage Range]</b>		
	<p>Sets the color coverage threshold.</p> <p>Coverage rate = Coverage per page / A4 full coverage (dots) x 100</p> <p>There are three coverage counters: Color 1, Color 2, and Color 3</p> <ul style="list-style-type: none"> <li>• [A] 5% (default) is adjustable with SP7855-001.</li> <li>• [B] 20% (default) is adjustable with SP7855-002.</li> </ul> <div style="text-align: center;"> <p style="font-size: small; margin-top: 5px;">w_d146z9999</p> </div>		
	<p><b>Note</b></p> <ul style="list-style-type: none"> <li>• The setting value [B] must be set larger than [A].</li> </ul> <p>The total numbers of printouts (BW printing plus color printing) for each coverage range are displayed with the following SPs.</p> <ul style="list-style-type: none"> <li>• Color1 counter: SP8601-021</li> <li>• Color2 counter: SP8601-022</li> <li>• Color3 counter: SP8601-023</li> </ul>		
001	Coverage Range 1	*CTL	[1 to 200 / <b>5</b> / 1]
002	Coverage Range 2	*CTL	[1 to 200 / <b>20</b> / 1]

<b>7901</b>	<b>[Assert Info.]</b>		
	Records the location where a problem is detected in the program. The data stored in this SP is used for problem analysis.		
001	File Name	*CTL	[- / - / -]
002	Number of Lines	*CTL	[- / - / -]
003	Location	*CTL	[- / - / -]

<b>7906</b>	<b>[Previous Unit Counter:Distance]</b>		
	-		

002	# PCU:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 4294967295 / 0 / 1mm/step]
026	# Dev Unit:C	ENG	
027	Developer: C	ENG	
048	# PCU:M	ENG	[0 to 4294967295 / 0 / 1mm/step]
049	# Dev Unit:M	ENG	
050	Developer: M	ENG	
071	# PCU:Y	ENG	[0 to 4294967295 / 0 / 1mm/step]
072	# Dev Unit:Y	ENG	
073	Developer: Y	ENG	
093	# ITB Unit	ENG	[0 to 4294967295 / 0 / 1mm/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 to 999999999 / 0 / 1/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	
230	Low Speed: # PCU:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
231	Low Speed: # PCU:C	ENG	
232	Low Speed: # PCU:M	ENG	
233	Low Speed: # PCU:Y	ENG	

234	Middle Speed: # PCU:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
235	Middle Speed: # PCU:C	ENG	
236	Middle Speed: # PCU:M	ENG	
237	Middle Speed: # PCU:Y	ENG	

7907	[Previous Unit Cntr:Distance(%)]		
	-		
002	# PCU:K	ENG	[0 to 255 / 0 / 1%/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 255 / 0 / 1%/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / 0 / 1%/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / 0 / 1%/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / 0 / 1%/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	



220	Toner Sub Hopper:K	ENG	[0 to 255 / 0 / 1%/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

7908	[Previous Unit Counter:Pages(%)]		
	-		
002	# PCU:K	ENG	[0 to 255 / 0 / 1%/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 255 / 0 / 1%/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / 0 / 1%/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / 0 / 1%/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / 0 / 1%/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

131	Dust Filter: Ozone Duct	ENG	[0 to 255 / 0 / 1%/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 to 255 / 0 / 1%/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

<b>7931</b>	<b>[Toner Bottle Bk]</b>		
001	Machine Serial ID	*ENG	[0 to 255 / 0 / 1/step]
	Model code used with model code API.		
002	Cartridge Ver	*ENG	[0 to 255 / 0 / 1/step]
003	Brand ID	*ENG	[0 to 255 / 0 / 1/step]
004	Area ID	*ENG	[0 to 255 / 0 / 1/step]
005	Product ID	*ENG	[0 to 255 / 0 / 1/step]
	Records identification information of supply amount information.		
006	Color ID	*ENG	[0 to 255 / 0 / 1/step]
007	Maintenance ID	*ENG	[0 to 255 / 0 / 1/step]
008	New Product Information	*ENG	[0 to 255 / 0 / 1/step]
009	Recycle Counter	*ENG	[0 to 255 / 0 / 1/step]
010	Date	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
011	SerialNo.	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
012	Toner Remaining	*ENG	[0 to 100 / 100 / 1%/step]
	Keeps data with 1% step.		

013	EDP Code	*ENG	[0 or 1 / 0 / 1/step]
	EDP code of toner.		
014	End History	*ENG	[0 or 1 / 0 / 1/step]
	Detect history or toner end, near end.		
015	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		
016	Attachment: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
017	Attachment: Color Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit color counter value in binary data when toner installed.		
018	End: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner ended. Write also when near end.		
019	End: Color Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit color counter value in binary data when toner ended. Write also when near end.		
020	Attachment Date	*ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
021	End Date	*ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner ended. Write also when near end.		

<b>7932</b>	<b>[Toner Bottle M]</b>		
001	Machine Serial ID	*ENG	[0 to 255 / 0 / 1/step]
	Model code used with model code API.		
002	Cartridge Ver	*ENG	[0 to 255 / 0 / 1/step]
003	Brand ID	*ENG	[0 to 255 / 0 / 1/step]
004	Area ID	*ENG	[0 to 255 / 0 / 1/step]

005	Product ID	*ENG	[0 to 255 / 0 / 1/step]
	Records identification information of supply amount information.		
006	Color ID	*ENG	[0 to 255 / 0 / 1/step]
007	Maintenance ID	*ENG	[0 to 255 / 0 / 1/step]
008	New Product Information	*ENG	[0 to 255 / 0 / 1/step]
009	Recycle Counter	*ENG	[0 to 255 / 0 / 1/step]
010	Date	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
011	SerialNo.	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
012	Toner Remaining	*ENG	[0 to 100 / 100 / 1%/step]
	Keeps data with 1% step.		
013	EDP Code	*ENG	[0 or 1 / 0 / 1/step]
	EDP code of toner.		
014	End History	*ENG	[0 or 1 / 0 / 1/step]
	Detect history or toner end, near end.		
015	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		
016	Attachment: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
017	Attachment: Color Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit color counter value in binary data when toner installed.		
018	End: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner ended. Write also when near end.		

019	End: Color Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit color counter value in binary data when toner ended. Write also when near end.		
020	Attachment Date	*ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
021	End Date	*ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner ended. Write also when near end.		

<b>7933</b>	<b>[Toner Bottle C]</b>		
001	MachineSerialID	*ENG	[0 to 255 / 0 / 1/step]
	Model code used with model code API.		
002	Cartridge Ver	*ENG	[0 to 255 / 0 / 1/step]
003	Brand ID	*ENG	[0 to 255 / 0 / 1/step]
004	Area ID	*ENG	[0 to 255 / 0 / 1/step]
005	Product ID	*ENG	[0 to 255 / 0 / 1/step]
	Records identification information of supply amount information.		
006	Color ID	*ENG	[0 to 255 / 0 / 1/step]
007	Maintenance ID	*ENG	[0 to 255 / 0 / 1/step]
008	New Product Information	*ENG	[0 to 255 / 0 / 1/step]
009	Recycle Counter	*ENG	[0 to 255 / 0 / 1/step]
010	Date	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
011	SerialNo.	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
012	Toner Remaining	*ENG	[0 to 100 / 100 / 1%/step]
	Keeps data with 1% step.		

013	EDP Code	*ENG	[0 or 1 / 0 / 1/step]
	EDP code of toner.		
014	End History	*ENG	[0 or 1 / 0 / 1/step]
	Detect history or toner end, near end.		
015	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		
016	Attachment: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
017	Attachment: Color Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit color counter value in binary data when toner installed.		
018	End: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner ended. Write also when near end.		
019	End: Color Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit color counter value in binary data when toner ended. Write also when near end.		
020	Attachment Date	*ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
021	End Date	*ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner ended. Write also when near end.		

<b>7934</b>	<b>[Toner Bottle Y]</b>		
001	MachineSerialID	*ENG	[0 to 255 / 0 / 1/step]
	Model code used with model code API.		
002	Cartridge Ver	*ENG	[0 to 255 / 0 / 1/step]
003	Brand ID	*ENG	[0 to 255 / 0 / 1/step]
004	Area ID	*ENG	[0 to 255 / 0 / 1/step]

005	Product ID	*ENG	[0 to 255 / 0 / 1/step]
	Records identification information of supply amount information.		
006	Color ID	*ENG	[0 to 255 / 0 / 1/step]
007	Maintenance ID	*ENG	[0 to 255 / 0 / 1/step]
008	New Product Information	*ENG	[0 to 255 / 0 / 1/step]
009	Recycle Counter	*ENG	[0 to 255 / 0 / 1/step]
010	Date	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
011	SerialNo.	*ENG	[0 or 1 / 0 / 1/step]
	Use for the individual toner detect.		
012	Toner Remaining	*ENG	[0 to 100 / 100 / 1%/step]
	Keeps data with 1% step.		
013	EDP Code	*ENG	[0 or 1 / 0 / 1/step]
	EDP code of toner.		
014	End History	*ENG	[0 or 1 / 0 / 1/step]
	Detect history or toner end, near end.		
015	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		
016	Attachment: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
017	Attachment: Color Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit color counter value in binary data when toner installed.		
018	End: Total Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner ended. Write also when near end.		

019	End: Color Counter	*ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit color counter value in binary data when toner ended. Write also when near end.		
020	Attachment Date	*ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
021	End Date	*ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner ended. Write also when near end.		

<b>7935</b>	<b>[Toner Bottle Log 1: Bk]</b>		
001	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
002	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
003	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
004	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7935</b>	<b>[Toner Bottle Log 2: Bk]</b>		
011	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
012	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
013	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
014	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		



7935	[Toner Bottle Log 3: Bk]		
021	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
022	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
023	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
024	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

7935	[Toner Bottle Log 4: Bk]		
031	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
032	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
033	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
034	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

7935	[Toner Bottle Log 5: Bk]		
041	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
042	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
043	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		

044	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7936</b>	<b>[Toner Bottle Log 1: M]</b>		
001	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
002	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
003	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
004	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7936</b>	<b>[Toner Bottle Log 2: M]</b>		
011	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
012	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
013	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
014	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7936</b>	<b>[Toner Bottle Log 3: M]</b>		
021	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		

022	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
023	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
024	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7936</b>	<b>[Toner Bottle Log 4: M]</b>		
031	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
032	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
033	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
034	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7936</b>	<b>[Toner Bottle Log 5: M]</b>		
041	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
042	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
043	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
044	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

7937	[Toner Bottle Log 1: C]		
001	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
002	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
003	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
004	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

7937	[Toner Bottle Log 2: C]		
011	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
012	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
013	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
014	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

7937	[Toner Bottle Log 3: C]		
021	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
022	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
023	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		

024	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7937</b>	<b>[Toner Bottle Log 4: C]</b>		
031	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
032	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
033	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
034	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7937</b>	<b>[Toner Bottle Log 5: C]</b>		
041	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
042	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
043	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
044	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7938</b>	<b>[Toner Bottle Log 1: Y]</b>		
001	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		

002	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
003	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
004	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7938</b>	<b>[Toner Bottle Log 2: Y]</b>		
011	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
012	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
013	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
014	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7938</b>	<b>[Toner Bottle Log 3: Y]</b>		
021	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
022	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
023	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
024	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7938</b>	<b>[Toner Bottle Log 4: Y]</b>		
031	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
032	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
033	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
034	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7938</b>	<b>[Toner Bottle Log 5: Y]</b>		
041	SerialNo.	ENG	[0 or 1 / 0 / 1/step]
	Display conventional ASCII 16 byte in 8byte BCD.		
042	Attachment Date	ENG	[0 or 1 / 0 / 1/step]
	Write year/month/day of toner installed.		
043	Attachment: Total Counter	ENG	[0 to 99999999 / 0 / 1/step]
	Writes main unit total counter value in binary data when toner installed.		
044	Refill Information	*ENG	[0 or 1 / 0 / 1/step]
	Refill detect, IS ware detect information.		

<b>7940</b>	<b>[PM Value Setting:Life Distance]</b>		
	-		
002	# PCU:K	ENG	[0 to 999999999 / 0 / 1mm/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	

025	# PCU:C	ENG	[0 to 999999999 / 0 / 1mm/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 999999999 / 0 / 1mm/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 999999999 / 0 / 1mm/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 999999999 / 136069613 / 1mm/step]
102	# ITB Cleaning Unit	ENG	[0 to 999999999 / 136069613 / 1mm/step]
109	# PTR Unit	ENG	[0 to 999999999 / 136069613 / 1mm/step]
115	# Fusing Unit	ENG	[0 to 999999999 / 211784000 / 1mm/step]
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 to 999999999 / 3024000 / 1/step]
221	Toner Sub Hopper:C	ENG	[0 to 999999999 / 3024000 / 1/step]
222	Toner Sub Hopper:M	ENG	[0 to 999999999 / 3132000 / 1/step]
223	Toner Sub Hopper:Y	ENG	[0 to 999999999 / 3024000 / 1/step]
7942	[PM Counter Display:Distance(%)]		
	-		



002	# PCU:K	ENG	[0 to 255 / 0 / 1%/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 255 / 0 / 1%/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / 0 / 1%/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / 0 / 1%/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / 0 / 1%/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 to 255 / 0 / 1%/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	
7944	[PM Counter Display: Distance]		
	-		

002	# PCU:K	*ENG	[0 to 4294967295 / 0 / 1mm/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	*ENG	[0 to 4294967295 / 0 / 1mm/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	*ENG	[0 to 4294967295 / 0 / 1mm/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	*ENG	[0 to 4294967295 / 0 / 1mm/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 4294967295 / 0 / 1mm/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 to 999999999 / 0 / 1/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

230	Low Speed: # PCU:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
231	Low Speed: # PCU:C	ENG	
232	Low Speed: # PCU:M	ENG	
233	Low Speed: # PCU:Y	ENG	
234	Middle Speed: # PCU:K	ENG	[0 to 4294967295 / 0 / 1mm/step]
235	Middle Speed: # PCU:C	ENG	
236	Middle Speed: # PCU:M	ENG	
237	Middle Speed: # PCU:Y	ENG	

7950	<b>[Unit Replacement Date]</b>		
	-		
002	# PCU:K	*ENG	[0 or 1 / 0 / 1/step]
003	# Dev Unit:K	*ENG	
004	Developer:K	*ENG	
025	# PCU:C	*ENG	[0 or 1 / 0 / 1/step]
026	# Dev Unit:C	*ENG	
027	Developer:C	*ENG	
048	# PCU:M	*ENG	[0 or 1 / 0 / 1/step]
049	# Dev Unit:M	*ENG	
050	Developer:M	*ENG	
071	# PCU:Y	*ENG	[0 or 1 / 0 / 1/step]
072	# Dev Unit:Y	*ENG	
073	Developer:Y	*ENG	

093	# ITB Unit	*ENG	[0 or 1 / 0 / 1/step]
102	# ITB Cleaning Unit	*ENG	
109	# PTR Unit	*ENG	
115	# Fusing Unit	*ENG	
116	Fusing Belt	*ENG	
118	Pressure Roller	*ENG	
131	Dust Filter: Ozone Duct	*ENG	[0 or 1 / 0 / 1/step]
132	Dust Filter: Fan Duct	*ENG	
142	Waste Toner Bottle	*ENG	
206	ADF Pick-up Roller	*ENG	[0 or 1 / 0 / 1/step]
207	ADF Supply Belt	*ENG	
208	ADF Reverse Roller	*ENG	
220	Toner Sub Hopper:K	*ENG	[0 or 1 / 0 / 1/step]
221	Toner Sub Hopper:C	*ENG	
222	Toner Sub Hopper:M	*ENG	
223	Toner Sub Hopper:Y	*ENG	

7951	<b>[Remain Day Counter: Pages]</b>		
	-		
002	# PCU:K	ENG	[0 to 255 / 255 / 1 day/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	[0 to 255 / 255 / 1 day/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	

048	# PCU:M	ENG	[0 to 255 / <b>255</b> / 1 day/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / <b>255</b> / 1 day/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / <b>255</b> / 1 day/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 255 / <b>255</b> / 1 day/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 to 255 / <b>255</b> / 1 day/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

7952	[Remain Day Counter: Distance]		
	-		
002	# PCU:K	ENG	[0 to 255 / <b>255</b> / 1 day/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	

025	# PCU:C	ENG	[0 to 255 / <b>255</b> / 1 day/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / <b>255</b> / 1 day/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / <b>255</b> / 1 day/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / <b>255</b> / 1 day/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
220	Toner Sub Hopper:K	ENG	[0 to 255 / <b>255</b> / 1 day/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

7953	<b>[Operation Env. Log: PCU: K]</b>		
	T: Temperature (C), H Relative humidity (%). Displays PCU: K running distance in each temperature/humidity deviation.		
001	T<=0	ENG	[0 to 9999999999 / <b>0</b> / 1 mm/step]

002	0<T<=5:0<=H<30	ENG	[0 to 999999999 / 0 / 1 mm/step]
003	0<T<=5:30<=H<70	ENG	
004	0<T<=5:70<=H<=100	ENG	
005	5<T<15:0<=H<30	ENG	[0 to 999999999 / 0 / 1 mm/step]
006	5<T<15:30<=H<55	ENG	
007	5<T<15:55<=H<80	ENG	
008	5<T<15:80<=H<=100	ENG	
009	15<=T<25:0<=H<30	ENG	[0 to 999999999 / 0 / 1 mm/step]
010	15<=T<25:30<=H<55	ENG	
011	15<=T<25:55<=H<80	ENG	
012	15<=T<25:80<=H<=100	ENG	
013	25<=T<30:0<=H<30	ENG	[0 to 999999999 / 0 / 1 mm/step]
014	25<=T<30:30<=H<55	ENG	
015	25<=T<30:55<=H<80	ENG	
016	25<=T<30:80<=H<=100	ENG	
017	30<=T:0<=H<30	ENG	[0 to 999999999 / 0 / 1 mm/step]
018	30<=T:30<=H<55	ENG	
019	30<=T:55<=H<80	ENG	
020	30<=T:80<=H<=100	ENG	
021	35<=T:0<=H<=100	ENG	[0 to 999999999 / 0 / 1 mm/step]

7953	<b>[Operation Env. Log Clear]</b>		
	Clear Operating environment log.		
100	-	ENG	[0 or 1 / 0 / 1/step]

7954	<b>[PM Counter Display: Pages (%)]</b>		
	-		

002	# PCU:K	ENG	[0 to 255 / 0 / 1%/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
011	Lubricant Bar:K	ENG	
025	# PCU:C	ENG	[0 to 255 / 0 / 1%/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / 0 / 1%/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / 0 / 1%/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / 0 / 1%/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 255 / 0 / 1%/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 to 255 / 0 / 1%/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	



7955	[Estimated Remain Pages]		
	-		
002	# PCU:K	ENG	[0 to 9999999 / 0 / 1 page/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 9999999 / 0 / 1 page/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 9999999 / 0 / 1 page/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 9999999 / 0 / 1 page/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 9999999 / 0 / 1 page/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

7956	[Estimated Remain Days]		
	-		
002	# PCU:K	ENG	[0 to 255 / 255 / 1 day/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	

025	# PCU:C	ENG	[0 to 255 / <b>255</b> / 1 day/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / <b>255</b> / 1 day/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / <b>255</b> / 1 day/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 255 / <b>255</b> / 1 day/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 255 / <b>255</b> / 1 day/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 to 255 / <b>255</b> / 1 day/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

7957	[Monthly Average Pages]
	-

002	# PCU:K	ENG	[0 to 99999999 / 0 / 1 page/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 99999999 / 0 / 1 page/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 99999999 / 0 / 1 page/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 99999999 / 0 / 1 page/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[0 to 99999999 / 0 / 1 page/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	

7958	[PM Value Setting:DaysThreshold]		
	-		
002	# PCU:K	ENG	[1 to 30 / 15 / 1 day/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	

025	# PCU:C	ENG	[1 to 30 / <b>15</b> / 1 day/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[1 to 30 / <b>15</b> / 1 day/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[1 to 30 / <b>15</b> / 1 day/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	
093	# ITB Unit	ENG	[1 to 30 / <b>15</b> / 1 day/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[1 to 30 / <b>15</b> / 1 day/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[1 to 30 / <b>15</b> / 1 day/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	
220	Toner Sub Hopper:K	ENG	[1 to 30 / <b>15</b> / 1 day/step]
221	Toner Sub Hopper:C	ENG	
222	Toner Sub Hopper:M	ENG	
223	Toner Sub Hopper:Y	ENG	

<b>7959</b>	<b>[Fusing: Stop]</b>		
001	Near End: Page	ENG	[0 to 99999999 / <b>415000</b> / 1page/step]
	Displays life deterioration near end threshold of fusing R.		
002	End: Page	ENG	[0 to 99999999 / <b>430000</b> / 1page/step]
	Displays life deterioration end threshold of fusing belt.		
003	Near End: Rotation	ENG	[0 to 999999999 / <b>302229000</b> / 1mm/step]
	Displays life deterioration near end running distance of fusing R.		
004	End: Rotation	ENG	[0 to 999999999 / <b>313153000</b> / 1mm/step]
	Displays life deterioration end running distance of fusing R.		

<b>7960</b>	<b>[Estimated Usage Rate]</b>		
	-		
002	# PCU:K	ENG	[0 to 255 / <b>0</b> / 1%/step]
003	# Dev Unit:K	ENG	
004	Developer:K	ENG	
025	# PCU:C	ENG	[0 to 255 / <b>0</b> / 1%/step]
026	# Dev Unit:C	ENG	
027	Developer:C	ENG	
048	# PCU:M	ENG	[0 to 255 / <b>0</b> / 1%/step]
049	# Dev Unit:M	ENG	
050	Developer:M	ENG	
071	# PCU:Y	ENG	[0 to 255 / <b>0</b> / 1%/step]
072	# Dev Unit:Y	ENG	
073	Developer:Y	ENG	

093	# ITB Unit	ENG	[0 to 255 / 0 / 1%/step]
102	# ITB Cleaning Unit	ENG	
109	# PTR Unit	ENG	
115	# Fusing Unit	ENG	
116	Fusing Belt	ENG	
118	Pressure Roller	ENG	
131	Dust Filter: Ozone Duct	ENG	[0 to 255 / 0 / 1%/step]
132	Dust Filter: Fan Duct	ENG	
142	Waste Toner Bottle	ENG	
206	ADF Pick-up Roller	ENG	[0 to 255 / 0 / 1%/step]
207	ADF Supply Belt	ENG	
208	ADF Reverse Roller	ENG	

<b>7970</b>	<b>[Cumulative Counter]</b>		
001	Rotation:Bk Opc Drive Unit	*ENG	[0 to 9999999 / 0 / 1 m/step]
	Displays running distance count since first use.		
002	Rotation:Color Opc Drive Unit	*ENG	[0 to 9999999 / 0 / 1 m/step]
	Displays running distance count since first use.		
008	Rotation:Fusing Drive Unit	*ENG	[0 to 9999999 / 0 / 1 m/step]
	Displays running distance count since first use.		
010	Count:Paper Transfer On-Off Drive Unit	*ENG	[0 to 9999999 / 0 / 1/step]
	Displays operating time count since first use.		
011	Page:Feed Drive Unit	*ENG	[0 to 9999999 / 0 / 1 page/step]
	Displays sheets count since first use.		

012	Page:Registration Drive Unit	*ENG	[0 to 9999999 / 0 / 1page/step]
	Displays sheets count since first use.		

<b>7972</b>	<b>[Yield Counter]</b>		
001	Bk Opc Drive Unit	*ENG	[0 to 200 / 0 / 1%/step]
	Displays reach level till life running distance threshold.		
002	Color Opc Drive Unit	*ENG	[0 to 200 / 0 / 1%/step]
	Displays reach level till life running distance threshold.		
008	Fusing Drive Unit	*ENG	[0 to 200 / 0 / 1%/step]
	Displays reach level till life running distance threshold.		
010	Paper Transfer On-Off Drive Unit	*ENG	[0 to 200 / 0 / 1%/step]
	Displays reach level till life operating times threshold.		
011	Feed Drive Unit	*ENG	[0 to 200 / 0 / 1%/step]
	Displays reach level till life sheets threshold.		
012	Registration Drive Unit	*ENG	[0 to 200 / 0 / 1%/step]
	Displays reach level till life sheets threshold.		

<b>7974</b>	<b>[Yield Setting]</b>		
001	Bk Opc Drive Unit	*ENG	[0 to 9999999 / 548197 / 1m/step]
	Displays life running distance threshold of unit.		
002	Color Opc Drive Unit	*ENG	[0 to 9999999 / 601098 / 1m/step]
	Displays life running distance threshold of unit.		
008	Fusing Drive Unit	*ENG	[0 to 9999999 / 913662 / 1m/step]
	Displays life running distance threshold of unit.		

010	Paper Transfer On-Off Drive Unit	*ENG	[0 to 9999999 / 1650000 / 1/step]
	Displays life operating times threshold of unit.		
011	Feed Drive Unit	*ENG	[0 to 9999999 / 3300000 / 1page/step]
	Displays life sheets threshold of unit.		
012	Registration Drive Unit	*ENG	[0 to 9999999 / 3300000 / 1page/step]
	Displays life sheets threshold of unit.		

7976	<b>[Guaranteed Parameter]</b>		
	Sets life warranty value of unit.		
001	Rotation:Bk Opc Drive Unit	*ENG	[0 to 9999999 / 548197 / 1m/step]
002	Rotation:Color Opc Drive Unit	*ENG	[0 to 9999999 / 601098 / 1m/step]
008	Rotation:Fusing Drive Unit	*ENG	[0 to 9999999 / 913662 / 1m/step]
010	Count:Paper Transfer On-Off Drive Unit	*ENG	[0 to 9999999 / 1500000 / 1/step]
011	Page:Feed Drive Unit	*ENG	[0 to 9999999 / 3000000 / 1page/step]
012	Page:Registration Drive Unit	*ENG	[0 to 9999999 / 3000000 / 1page/step]



# Main SP Tables-8

## SP8-XXX (Data Log 2)

Many of these counters are provided for features that are currently not available, such as sending color faxes, and so on. However, here are some Group 8 codes that when used in combination with others, can provide useful information.

2

SP Numbers	What They Do
SP8211 to SP8216	The number of pages scanned to the document server.
SP8401 to SP8406	The number of pages printed from the document server
SP8691 to SP8696	The number of pages sent from the document server

Specifically, the following questions can be answered:

- How is the document server actually being used?
- What application is using the document server most frequently?
- What data in the document server is being reused?

Most of the SPs in this group are prefixed with a letter that indicates the mode of operation (the mode of operation is referred to as an "application"). Before reading the Group 8 Service Table, make sure that you understand what these prefixes mean.

Prefixes	What it means	
T:	Total: (Grand Total).	Grand total of the items counted for all applications (C, F, P, etc.).
C:	Copy application.	Totals (pages, jobs, etc.) executed for each application when the job was not stored on the document server.
F:	Fax application.	
P:	Print application.	
S:	Scan application.	

L:	Local storage (document server)	Totals (jobs, pages, etc.) for the document server. The L: counters work differently case by case. Sometimes, they count jobs/pages stored on the document server; this can be in document server mode (from the document server window), or from another mode, such as from a printer driver or by pressing the Store File button in the Copy mode window. Sometimes, they include occasions when the user uses a file that is already on the document server. Each counter will be discussed case by case.
O:	Other applications (external network applications, for example)	Refers to network applications such as Web Image Monitor. Utilities developed with the SDK (Software Development Kit) will also be counted with this group in the future.

The Group 8 SP codes are limited to 17 characters, forced by the necessity of displaying them on the small LCDs of printers and faxes that also use these SPs. Read over the list of abbreviations below and refer to it again if you see the name of an SP that you do not understand.

### Keys and abbreviations in Data Log 2

Abbreviation	What it means
/	"By", e.g. "T:Jobs/Apl" = Total Jobs "by" Application
>	More (2> "2 or more", 4> "4 or more")
AddBook	Address Book
Apl	Application
B/W	Black & White
Bk	Black
C	Cyan
ColCr	Color Create
ColMode	Color Mode
Comb	Combine
Comp	Compression

Abbreviation	What it means
Deliv	Delivery
DesApl	Designated Application. The application (Copy, Fax, Scan, Print) used to store the job on the document server, for example.
Dev Counter	Development Count, no. of pages developed.
Dup, Duplex	Duplex, printing on both sides
Emul	Emulation
FC	Full Color
FIN	Post-print processing, i.e. finishing (punching, stapling, etc.)
Full Bleed	No Margins
GenCopy	Generation Copy Mode
GPC	Get Print Counter. For jobs 10 pages or less, this counter does not count up. For jobs larger than 10 pages, this counter counts up by the number that is in excess of 10 (e.g., for an 11-page job, the counter counts up $11-10=1$ )
IFax	Internet Fax
ImgEdt	Image Edit performed on the original with the copier GUI, e.g. border removal, adding stamps, page numbers, etc.
K	Black (YMCK)
LS	Local Storage. Refers to the document server.
LSize	Large (paper) Size
Mag	Magnification
MC	One color (monochrome)
NRS	New Remote Service, which allows a service center to monitor machines remotely. "NRS" is used overseas, "CSS" is used in Japan.
Org	Original for scanning
OrgJam	Original Jam

Abbreviation	What it means
Palm 2	Print Job Manager/Desk Top Editor: A pair of utilities that allows print jobs to be distributed evenly among the printers on the network, and allows files to moved around, combined, and converted to different formats.
PC	Personal Computer
PGS	Pages. A page is the total scanned surface of the original. Duplex pages count as two pages, and A3 simplex count as two pages if the A3/DLT counter SP is switched ON.
PJob	Print Jobs
Ppr	Paper
PrtJam	Printer (plotter) Jam
PrtPGS	Print Pages
R	Red (Toner Remaining). Applies to the wide format model A2 only. This machine is under development and currently not available.
Rez	Resolution
SC	Service Code (Error SC code displayed)
Scn	Scan
Sim, Simplex	Simplex, printing on 1 side.
S-to-Email	Scan-to-E-mail
SMC	SMC report printed with SP5990. All of the Group 8 counters are recorded in the SMC report.
Svr	Server
TonEnd	Toner End
TonSave	Toner Save
TXJob	Send, Transmission
YMC	Yellow, Magenta, Cyan
YMCK	Yellow, Magenta, Cyan, Black

### ↓ Note

- All of the Group 8 SPs are able to reset by "SP5 801 1 Memory All Clear".

8001	[T:Total Jobs]	*CTL	<p>These SPs count the number of times each application is used to do a job. [0 to 99999999 / - / 1]</p> <p><b>Note:</b> The L: counter is the total number of times the other applications are used to send a job to the document server, plus the number of times a file already on the document server is used.</p>
8002	[C:Total Jobs]	*CTL	
8003	[F:Total Jobs]	*CTL	
8004	[P:Total Jobs]	*CTL	
8005	[S:Total Jobs]	*CTL	
8006	[L:Total Jobs]	*CTL	

- These SPs reveal the number of times an application is used, not the number of pages processed.
- When an application is opened for image input or output, this counts as one job.
- Interrupted jobs (paper jams, etc.) are counted, even though they do not finish.
- Only jobs executed by the customer are counted. Jobs executed by the customer engineer using the SP modes are not counted.
- When using secure printing (when a password is required to start the print job), the job is counted at the time when either "Delete Data" or "Specify Output" is specified.
- A job is counted as a fax job when the job is stored for sending.
- When a fax is received to fax memory, the F: counter increments but the L: counter does not (the document server is not used).
- A fax broadcast counts as one job for the F: counter (the fax destinations in the broadcast are not counted separately).
- A fax broadcast is counted only after all the faxes have been sent to their destinations. If one transmission generates an error, then the broadcast will not be counted until the transmission has been completed.
- A printed fax report counts as one job for the F: counter.
- The F: counter does not distinguish between fax sending or receiving.
- When a copy job on the document server is printed, SP8022 also increments, and when a print job stored on the document server is printed, SP8024 also increments.
- When an original is both copied and stored on the document server, the C: and L: counters both increment.
- When a print job is stored on the document server, only the L: counter increments.
- When the user presses the Document Server button to store the job on the document server, only the L: counter increments.

- When the user enters document server mode and prints data stored on the document server, only the L: counter increments.
- When an image received from Palm 2 is received and stored, the L: counter increments.
- When the customer prints a report (user code list, for example), the O: counter increments. However, for fax reports and reports executed from the fax application, the F: counter increments.

8011	[T:Jobs/LS]	*CTL	These SPs count the number of jobs stored to the document server by each application, to reveal how local storage is being used for input.  [0 to 9999999 / 0 / 1]  The L: counter counts the number of jobs stored from within the document server mode screen at the operation panel.
8012	[C:Jobs/LS]	*CTL	
8013	[F:Jobs/LS]	*CTL	
8014	[P:Jobs/LS]	*CTL	
8015	[S:Jobs/LS]	*CTL	
8016	[L:Jobs/LS]	*CTL	
8017	[O:Jobs/LS]	*CTL	

- When a scan job is sent to the document server, the S: counter increments. When you enter document server mode and then scan an original, the L: counter increments.
- When a print job is sent to the document server, the P: counter increments.
- When a network application sends data to the document server, the O: counter increments.
- When an image from Palm 2 is stored on the document server, the O: counter increments.
- When a fax is sent to the document server, the F: counter increments.

8021	[T:Pjob/LS]	*CTL	These SPs reveal how files printed from the document server were stored on the document server originally.  [0 to 9999999 / 0 / 1]  The L: counter counts the number of jobs stored from within the document server mode screen at the operation panel.
8022	[C:Pjob/LS]	*CTL	
8023	[F:Pjob/LS]	*CTL	
8024	[P:Pjob/LS]	*CTL	
8025	[S:Pjob/LS]	*CTL	
8026	[L:Pjob/LS]	*CTL	
8027	[O:Pjob/LS]	*CTL	

- When a copy job stored on the document server is printed with another application, the C: counter increments.

- When an application like DeskTopBinder merges a copy job that was stored on the document server with a print job that was stored on the document server, the C: and P: counters both increment.
- When a job already on the document server is printed with another application, the L: counter increments.
- When a scanner job stored on the document server is printed with another application, the S: counter increments. If the original was scanned from within document server mode, then the L: counter increments.
- When images stored on the document server by a network application (including Palm 2), are printed with another application, the O: counter increments.
- When a copy job stored on the document server is printed with a network application (Web Image Monitor, for example), the C: counter increments.
- When a fax on the document server is printed, the F: counter increments.

8031	[T:Pjob/DesApl]	*CTL	<p>These SPs reveal what applications were used to output documents from the document server.</p> <p>[0 to 9999999 / 0 / 1]</p> <p>The L: counter counts the number of jobs printed from within the document server mode screen at the operation panel.</p>
8032	[C:Pjob/DesApl]	*CTL	
8033	[F:Pjob/DesApl]	*CTL	
8034	[P:Pjob/DesApl]	*CTL	
8035	[S:Pjob/DesApl]	*CTL	
8036	[L:Pjob/DesApl]	*CTL	
8037	[O:Pjob/DesApl]	*CTL	

- When documents already stored on the document server are printed, the count for the application that started the print job is incremented.
- When the print job is started from a network application (Desk Top Binder, Web Image Monitor, etc.) the L: counter increments.

8041	[T:TX Jobs/LS]	* CTL	These SPs count the applications that stored files on the document server that were later accessed for transmission over the telephone line or over a network (attached to an e-mail, or as a fax image by I-Fax). [0 to 9999999 / 0 / 1] <b>Note:</b> Jobs merged for sending are counted separately. The L: counter counts the number of jobs scanned from within the document server mode screen at the operation panel.
8042	[C:TX Jobs/LS]	* CTL	
8043	[F:TX Jobs/LS]	* CTL	
8044	[P:TX Jobs/LS]	* CTL	
8045	[S:TX Jobs/LS]	* CTL	
8046	[L:TX Jobs/LS]	* CTL	
8047	[O:TX Jobs/LS]	* CTL	

- When a stored copy job is sent from the document server, the C: counter increments.
- When images stored on the document server by a network application or Palm2 are sent as an e-mail, the O: counter increments.

8051	[T:TX Jobs/DesApl]	* CTL	These SPs count the applications used to send files from the document server over the telephone line or over a network (attached to an e-mail, or as a fax image by I-Fax). Jobs merged for sending are counted separately. [0 to 9999999 / 0 / 1] The L: counter counts the number of jobs sent from within the document server mode screen at the operation panel.
8052	[C:TX Jobs/DesApl]	* CTL	
8053	[F:TX Jobs/DesApl]	* CTL	
8054	[P:TX Jobs/DesApl]	* CTL	
8055	[S:TX Jobs/DesApl]	* CTL	
8056	[L:TX Jobs/DesApl]	* CTL	
8057	[O:TX Jobs/DesApl]	* CTL	

- If the send is started from Desk Top Binder or Web Image Monitor, for example, then the O: counter increments.

8061	[T:FIN Jobs]	
	These SPs total the finishing methods. The finishing method is specified by the application.	
8062	[P:FIN Jobs]	
	These SPs total finishing methods for print jobs only. The finishing method is specified by the application.	



8063	<b>[F:FIN Jobs]</b>		
	These SPs total finishing methods for fax jobs only. The finishing method is specified by the application. <b>Note:</b> Finishing features for fax jobs are not available at this time.		
8064	<b>[P:FIN Jobs]</b>		
	These SPs total finishing methods for print jobs only. The finishing method is specified by the application.		
8065	<b>[S:FIN Jobs]</b>		
	These SPs total finishing methods for scan jobs only. The finishing method is specified by the application. <b>Note:</b> Finishing features for scan jobs are not available at this time.		
8066	<b>[L:FIN Jobs]</b>		
	These SPs total finishing methods for jobs output from within the document server mode screen at the operation panel. The finishing method is specified from the print window within document server mode.		
8067	<b>[O:FIN Jobs]</b>		
	These SPs total finishing methods for jobs executed by an external application, over the network. The finishing method is specified by the application.		
001	Sort	*CTL	[0 to 9999999 / 0 / 1 / step]
	Number of jobs started in Sort mode.		
002	Stack	*CTL	[0 to 9999999 / 0 / 1 / step]
	Number of jobs started out of Sort mode.		
003	Staple	*CTL	[0 to 9999999 / 0 / 1 / step]
	Number of jobs started in Staple mode.		
004	Booklet	*CTL	[0 to 9999999 / 0 / 1 / step]
	Number of jobs started in Booklet mode. If the machine is in staple mode, the Staple counter also increments.		

005	Z-Fold	*CTL	[0 to 9999999 / 0 / 1 / step]
	Number of jobs started In any mode other than the Booklet mode and set for folding (Z-fold).		
006	Punch	*CTL	[0 to 9999999 / 0 / 1 / step]
	Number of jobs started in Punch mode. When Punch is set for a print job, the P: counter increments. (See SP8-064-6.)		
007	Other	*CTL	[0 to 9999999 / 0 / 1 / step]
	(Reserved)		
008	Inside-Flod	*CTL	[0 to 9999999 / 0 / 1 / step]
009	Three-In-Fold	*CTL	[0 to 9999999 / 0 / 1 / step]
010	Three-OUT-Fold	*CTL	[0 to 9999999 / 0 / 1 / step]
011	Four-Fold	*CTL	[0 to 9999999 / 0 / 1 / step]
012	KANNON-Fold	*CTL	[0 to 9999999 / 0 / 1 / step]
013	Perfect-Bind	*CTL	[0 to 9999999 / 0 / 1 / step]
014	Ring-Bind	*CTL	[0 to 9999999 / 0 / 1 / step]

8071	<b>[T:Jobs/PGS]</b>		
	These SPs count the number of jobs broken down by the number of pages in the job, regardless of which application was used.		
8072	<b>[C:Jobs/PGS]</b>		
	These SPs count and calculate the number of copy jobs by size based on the number of pages in the job.		
8073	<b>[F:Jobs/PGS]</b>		
	These SPs count and calculate the number of fax jobs by size based on the number of pages in the job.		
8074	<b>[P:Jobs/PGS]</b>		
	These SPs count and calculate the number of print jobs by size based on the number of pages in the job.		

8075	<b>[S:Jobs/PGS]</b>		
	These SPs count and calculate the number of scan jobs by size based on the number of pages in the job.		
8076	<b>[L:Jobs/PGS]</b>		
	These SPs count and calculate the number of jobs printed from within the document server mode window at the operation panel, by the number of pages in the job.		
8077	<b>[O:Jobs/PGS]</b>		
	These SPs count and calculate the number of "Other" application jobs (Web Image Monitor, Palm 2, etc.) by size based on the number of pages in the job.		
001	1 Page	*CTL	[0 to 99999999 / 0 / 1 / step]
002	2 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
003	3 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
004	4 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
005	5 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
006	6 to 10 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
007	11 to 20 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
008	21 to 50 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
009	51 to 100 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
010	101 to 300 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
011	301 to 500 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
012	501 to 700 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
013	701 to 1000 Pages	*CTL	[0 to 99999999 / 0 / 1 / step]
014	1001 to Pages	*CTL	[0 to 99999999 / 0 / 1 / step]

- For example: When a copy job stored on the document server is printed in document server mode, the appropriate L: counter (SP8076 0xx) increments.
- Printing a fax report counts as a job and increments the F: counter (SP 8073).
- Interrupted jobs (paper jam, etc.) are counted, even though they do not finish.
- If a job is paused and re-started, it counts as one job.

- If the finisher runs out of staples during a print and staple job, then the job is counted at the time the error occurs.
- For copy jobs (SP 8072) and scan jobs (SP 8075), the total is calculated by multiplying the number of sets of copies by the number of pages scanned. (One duplex page counts as 2.)
- The first test print and subsequent test prints to adjust settings are added to the number of pages of the copy job (SP 8072).
- When printing the first page of a job from within the document server screen, the page is counted.

8111	<b>[T:FAX TX Jobs]</b>		
	These SPs count the total number of jobs (color or black-and-white) sent by fax, either directly or using a file stored on the document server, on a telephone line. <b>Note:</b> Color fax sending is not available at this time.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 / step]

8113	<b>[F: FAX TX Jobs]</b>		
	These SPs count the total number of jobs (color or black-and-white) sent by fax directly on a telephone line. <b>Note:</b> Color fax sending is not available at this time.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 / step]

- These counters count jobs, not pages.
- This SP counts fax jobs sent over a telephone line with a fax application, including documents stored on the document server.
- If the mode is changed during the job, the job will count with the mode set when the job started.
- If the same document is faxed to both a public fax line and an I-Fax at a destination where both are available, then this counter increments, and the I-Fax counter (8 12x) also increments.
- The fax job is counted when the job is scanned for sending, not when the job is sent.

8121	<b>[T:I FAX TX Jobs]</b>		
	These SPs count the total number of jobs (color or black-and-white) sent, either directly or using a file stored on the document server, as fax images using I-Fax. <b>Note:</b> Color fax sending is not available at this time.		

8123	<b>[F: IFAX TX Jobs]</b>		
	These SPs count the number of jobs (color or black-and-white) sent (not stored on the document server), as fax images using I-Fax. <b>Note:</b> Color fax sending is not available at this time.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 / step]

- These counters count jobs, not pages.
- The counters for color are provided for future use; the color fax feature is not available at this time.
- The fax job is counted when the job is scanned for sending, not when the job is sent.

8131	<b>[T:S-to-Email Jobs]</b>		
	These SPs count the total number of jobs (color or black-and-white) scanned and attached to an e-mail, regardless of whether the document server was used or not.		
8135	<b>[S: S-to-Email Jobs]</b>		
	These SPs count the number of jobs (color or black-and-white) scanned and attached to e-mail, without storing the original on the document server.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 / step]
003	ACS	*CTL	[0 to 9999999 / 0 / 1 / step]

- These counters count jobs, not pages.
- If the job is stored on the document server, after the job is stored it is determined to be color or black-and-white then counted.
- If the job is cancelled during scanning, or if the job is cancelled while the document is waiting to be sent, the job is not counted.
- If the job is cancelled during sending, it may or may not be counted, depending on what stage of the process had been reached when the job was cancelled.
- If several jobs are combined for sending to the Scan Router, Scan-to-Email, or Scan-to-PC, or if one job is sent to more than one destination. each send is counted separately. For example, if the same document is sent by Scan-to-Email as well as Scan-to-PC, then it is counted twice (once for Scan-to-Email and once for Scan-to-PC).

8141	<b>[T:Deliv Jobs/Svr]</b>		
	These SPs count the total number of jobs (color or black-and-white) scanned and sent to a Scan Router server.		
8145	<b>[S: Deliv Jobs/Svr]</b>		
	These SPs count the number of jobs (color or black-and-white) scanned in scanner mode and sent to a Scan Router server.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 / step]
003	ACS	*CTL	[0 to 9999999 / 0 / 1 / step]

- These counters count jobs, not pages.
- The jobs are counted even though the arrival and reception of the jobs at the Scan Router server cannot be confirmed.
- If even one color image is mixed with black-and-white images, then the job is counted as a "Color" job.
- If the job is cancelled during scanning, or if the job is cancelled while the document is waiting to be delivered, the job is not counted.
- If the job is cancelled during sending, it may or may not be counted, depending on what stage of the process had been reached when the job was cancelled.
- Even if several files are combined for sending, the transmission counts as one job.

8151	<b>[T:Deliv Jobs/PC]</b>		
	These SPs count the total number of jobs (color or black-and-white) scanned and sent to a folder on a PC (Scan-to-PC). <b>Note:</b> At the present time, 8 151 and 8 155 perform identical counts.		
8155	<b>[S:Deliv Jobs/PC]</b>		
	These SPs count the total number of jobs (color or black-and-white) scanned and sent with Scan-to-PC.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 / step]
003	ACS	*CTL	[0 to 9999999 / 0 / 1 / step]

- These counters count jobs, not pages.

- If the job is cancelled during scanning, it is not counted.
- If the job is cancelled while it is waiting to be sent, the job is not counted.
- If the job is cancelled during sending, it may or may not be counted, depending on what stage of the process had been reached when the job was cancelled.
- Even if several files are combined for sending, the transmission counts as one job.

8161	[T:PCFAX TX Jobs]	*CTL	These SPs count the number of PC Fax transmission jobs. A job is counted from when it is registered for sending, not when it is sent. [0 to 9999999 / 0 / 1 / step] <b>Note:</b> At the present time, these counters perform identical counts.
8163	[F:PCFAX TX Jobs]	*CTL	

- This counts fax jobs started from a PC using a PC fax application, and sending the data out to the destination from the PC through the copier.

8171	[T:Deliv Jobs/WSD]		
	These SPs count the pages scanned by WS.		
8175	[S:Deliv Jobs/WSD]		
	These SPs count the pages scanned by WS.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 / step]
003	ACS	*CTL	[0 to 9999999 / 0 / 1 / step]

8181	[T:Scan to Media Jobs]		
	These SPs count the scanned pages in a media by the scanner application.		
8185	[S:Scan to Media Jobs]		
	These SPs count the scanned pages in a media by the scanner application.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 / step]
003	ACS	*CTL	[0 to 9999999 / 0 / 1 / step]

8191	[T:Total Scan PGS]	*CTL	These SPs count the pages scanned by each application that uses the scanner to scan images. [0 to 9999999 / 0 / 1]
8192	[C:Total Scan PGS]	*CTL	
8193	[F:Total Scan PGS]	*CTL	
8195	[S:Total Scan PGS]	*CTL	
8196	[L:Total Scan PGS]	*CTL	

- SP 8 191 to 8 196 count the number of scanned sides of pages, not the number of physical pages.
- These counters do not count reading user stamp data, or reading color charts to adjust color.
- Previews done with a scanner driver are not counted.
- A count is done only after all images of a job have been scanned.
- Scans made in SP mode are not counted.

**Examples**

- If 3 B5 pages and 1 A3 page are scanned with the scanner application but not stored, the S: count is 4.
- If both sides of 3 A4 sheets are copied and stored to the document server using the Store File button in the Copy mode window, the C: count is 6 and the L: count is 6.
- If both sides of 3 A4 sheets are copied but not stored, the C: count is 6.
- If you enter document server mode then scan 6 pages, the L: count is 6.

8201	[T:LSize Scan PGS]	*CTL	[0 to 9999999 / 0 / 1 / step]
	These SPs count the total number of large pages input with the scanner for scan and copy jobs. Large size paper (A3/DLT) scanned for fax transmission are not counted. <b>Note:</b> These counters are displayed in the SMC Report, and in the User Tools display.		
8203	[F:LSize Scan PGS]	*CTL	[0 to 9999999 / 0 / 1 / step]
	These SPs count the total number of large pages input with the scanner for fax transmission. <b>Note:</b> These counters are displayed in the SMC Report, and in the User Tools display.		
8205	[S:LSize Scan PGS]	*CTL	[0 to 9999999 / 0 / 1 / step]
	These SPs count the total number of large pages input with the scanner for scan jobs only. Large size paper (A3/DLT) scanned for fax transmission are not counted. <b>Note:</b> These counters are displayed in the SMC Report, and in the User Tools display.		



8211	[T:Scan PGS/LS]	*CTL	These SPs count the number of pages scanned into the document server. [0 to 9999999 / 0 / 1] The L: counter counts the number of pages stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen
8212	[C:Scan PGS/LS]	*CTL	
8213	[F:Scan PGS/LS]	*CTL	
8215	[S:Scan PGS/LS]	*CTL	
8216	[L:Scan PGS/LS]	*CTL	

- Reading user stamp data is not counted.
- If a job is cancelled, the pages output as far as the cancellation are counted.
- If the scanner application scans and stores 3 B5 sheets and 1 A4 sheet, the S: count is 4.
- If pages are copied but not stored on the document server, these counters do not change.
- If both sides of 3 A4 sheets are copied and stored to the document server, the C: count is 6 and the L: count is 6.
- If you enter document server mode then scan 6 pages, the L: count is 6.

8221	<b>[ADF Org Feeds]</b>		
	These SPs count the number of pages fed through the ADF for front and back side scanning.		
001	Front	*CTL	[0 to 9999999 / 0 / 1 / step]
	Number of front sides fed for scanning: With an ADF that can scan both sides simultaneously, the Front side count is the same as the number of pages fed for either simplex or duplex scanning. With an ADF that cannot scan both sides simultaneously, the Front side count is the same as the number of pages fed for duplex front side scanning. (The front side is determined by which side the user loads face up.)		
002	Back	*CTL	[0 to 9999999 / 0 / 1 / step]
	Number of rear sides fed for scanning: With an ADF that can scan both sides simultaneously, the Back count is the same as the number of pages fed for duplex scanning. With an ADF that cannot scan both sides simultaneously, the Back count is the same as the number of pages fed for duplex rear-side scanning.		

- When 1 sheet is fed for duplex scanning the Front count is 1 and the Back count is 1.

- If a jam occurs during the job, recovery processing is not counted to avoid double counting. Also, the pages are not counted if the jam occurs before the first sheet is output.

8231	<b>[Scan PGS/Mode]</b>		
	These SPs count the number of pages scanned by each ADF mode to determine the work load on the ADF.		
001	Large Volume	*CTL	[0 to 9999999 / 0 / 1 / step]
	Selectable. Large copy jobs that cannot be loaded in the ADF at one time.		
002	SADF	*CTL	[0 to 9999999 / 0 / 1 / step]
	Selectable. Feeding pages one by one through the ADF.		
003	Mixed Size	*CTL	[0 to 9999999 / 0 / 1 / step]
	Selectable. Select "Mixed Sizes" on the operation panel.		
004	Custom Size	*CTL	[0 to 9999999 / 0 / 1 / step]
	Selectable. Originals of non-standard size.		
005	Platen	*CTL	[0 to 9999999 / 0 / 1 / step]
	Book mode. Raising the ADF and placing the original directly on the platen.		
006	Mixed 1side/ 2side	*CTL	[0 to 9999999 / 0 / 1 / step]
	Simplex and Duplex mode.		

- If the scan mode is changed during the job, for example, if the user switches from ADF to Platen mode, the count is done for the last selected mode.
- The user cannot select mixed sizes or non-standard sizes with the fax application so if the original's page sizes are mixed or non-standard, these are not counted.
- If the user selects "Mixed Sizes" for copying in the platen mode, the Mixed Size count is enabled.
- In the SADF mode if the user copies 1 page in platen mode and then copies 2 pages with SADF, the Platen count is 1 and the SADF count is 3.

8241	<b>[T:Scan PGS/Org]</b>	*CTL	[0 to 9999999 / 0 / 1 / step]
	These SPs count the total number of scanned pages by original type for all jobs, regardless of which application was used.		

8242	[C:Scan PGS/Org]	*CTL	[0 to 9999999 / 0 / 1 / step				
	These SPs count the number of pages scanned by original type for Copy jobs.						
8243	[F:Scan PGS/Org]	*CTL	[0 to 9999999 / 0 / 1 / step				
	These SPs count the number of pages scanned by original type for Fax jobs.						
8245	[S:Scan PGS/Org]	*CTL	[0 to 9999999 / 0 / 1 / step				
	These SPs count the number of pages scanned by original type for Scan jobs.						
8246	[L:Scan PGS/Org]	*CTL	[0 to 9999999 / 0 / 1 / step				
	These SPs count the number of pages scanned and stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen						
			<b>8241</b>	<b>8242</b>	<b>8243</b>	<b>8245</b>	<b>8246</b>
001	Text		Yes	Yes	Yes	Yes	Yes
002	Text/Photo		Yes	Yes	Yes	Yes	Yes
003	Photo		Yes	Yes	Yes	Yes	Yes
004	GenCopy, Pale		Yes	Yes	No	Yes	Yes
005	Map		Yes	Yes	No	Yes	Yes
006	Normal/Detail		Yes	No	Yes	No	No
007	Fine/Super Fine		Yes	No	Yes	No	No
008	Binary		Yes	No	No	Yes	No
009	Grayscale		Yes	No	No	Yes	No
010	Color		Yes	No	No	Yes	No
011	Other		Yes	Yes	Yes	Yes	Yes

- If the scan mode is changed during the job, for example, if the user switches from ADF to Platen mode, the count is done for the last selected mode.

8251	[T:Scan PGS/ImgEdt]	*CTL	These SPs show how many times Image Edit features have been selected at the operation panel for each application. Some examples of these editing features are: Erase> Border Erase> Center Image Repeat Centering Positive/Negative [0 to 9999999 / 0 / 1 / step] Note: The count totals the number of times the edit features have been used. A detailed breakdown of exactly which features have been used is not given.
8252	[C:Scan PGS/ImgEdt]	*CTL	
8254	[P:Scan PGS/ImgEdt]	*CTL	
8255	[S:Scan PGS/ImgEdr]	*CTL	
8256	[L:Scan PGS/ImgEdt]	*CTL	
8257	[O:Scan PGS/ImgEdt]	*CTL	

The L: counter counts the number of pages stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen.

8261	[T:Scan PGS/ColCr]		
8262	[C:Scan PGS/ ColCr]		
8265	[S:Scn PGS/Color]		
8266	[L:Scn PGS/ColCr]		
	These SPs show how many times color creation features have been selected at the operation panel.		
001	Color Conversion	*CTL	[0 to 9999999 / 0 / 1 / step]
002	Color Erase	*CTL	[0 to 9999999 / 0 / 1 / step]
003	Background	*CTL	[0 to 9999999 / 0 / 1 / step]
004	Other	*CTL	[0 to 9999999 / 0 / 1 / step]

8281	[T:Scan PGS/TWAIN]	*CTL	These SPs count the number of pages scanned using a TWAIN driver. These counters reveal how the TWAIN driver is used for delivery functions. [0 to 9999999 / 0 / 1 / step] <b>Note:</b> At the present time, these counters perform identical counts.
8285	[S:Scan PGS/TWAIN]	*CTL	

8291	[T:Scan PGS/Stamp]	*CTL	These SPs count the number of pages stamped with the stamp in the ADF unit. [0 to 9999999 / 0 / 1 / step] The L: counter counts the number of pages stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen
8293	[F:Scan PGS/Stamp]	*CTL	
8295	[S:Scan PGS/Stamp]	*CTL	

8301	[T:Scan PGS/Size]	These SPs count by size the total number of pages scanned by all applications. Use these totals to compare original page size (scanning) and output (printing) page size [SP 8-441].
8302	[C:Scan PGS/Size]	These SPs count by size the total number of pages scanned by the Copy application. Use these totals to compare original page size (scanning) and output (printing) page size [SP 8-442].
8303	[F:Scan PGS/Size]	These SPs count by size the total number of pages scanned by the Fax application. Use these totals to compare original page size (scanning) and output page size [SP 8-443].
8305	[S:Scan PGS/Size]	These SPs count by size the total number of pages scanned by the Scan application. Use these totals to compare original page size (scanning) and output page size [SP 8-445].

8306	<b>[L:Scan PGS/Size]</b>		
	These SPs count by size the total number of pages scanned and stored from within the document server mode screen at the operation panel, and with the Store File button from within the Copy mode screen. Use these totals to compare original page size (scanning) and output page size [SP 8-446].		
001	A3	*CTL	[0 to 9999999 / 0 / 1 / step]
002	A4	*CTL	[0 to 9999999 / 0 / 1 / step]
003	A5	*CTL	[0 to 9999999 / 0 / 1 / step]
004	B4	*CTL	[0 to 9999999 / 0 / 1 / step]
005	B5	*CTL	[0 to 9999999 / 0 / 1 / step]
006	DLT	*CTL	[0 to 9999999 / 0 / 1 / step]
007	LG	*CTL	[0 to 9999999 / 0 / 1 / step]
008	LT	*CTL	[0 to 9999999 / 0 / 1 / step]
009	HLT	*CTL	[0 to 9999999 / 0 / 1 / step]
010	Full Bleed	*CTL	[0 to 9999999 / 0 / 1 / step]
254	Other (Standard)	*CTL	[0 to 9999999 / 0 / 1 / step]
255	Other (Custom)	*CTL	[0 to 9999999 / 0 / 1 / step]

8311	T:Scan PGS/Rez	*CTL	[0 to 9999999/ 0 / 1]
	These SPs count by resolution setting the total number of pages scanned by applications that can specify resolution settings.		
8315	S: Scan PGS/Rez	*CTL	[0 to 9999999/ 0 / 1]
	These SPs count by resolution setting the total number of pages scanned by applications that can specify resolution settings. Note: At the present time, SP8-311 and SP8-315 perform identical counts.		
001	1200dpi <	*CTL	[0 to 9999999 / 0 / 1 / step]
002	600dpi to 1199dpi	*CTL	[0 to 9999999 / 0 / 1 / step]
003	400dpi to 599dpi	*CTL	[0 to 9999999 / 0 / 1 / step]

004	200dpi to 399dpi	*CTL	[0 to 9999999 / 0 / 1 / step]
005	< 199dpi	*CTL	[0 to 9999999 / 0 / 1 / step]

- Copy resolution settings are fixed so they are not counted.
- The Fax application does not allow finely-adjusted resolution settings so no count is done for the Fax application.

2

8381	[T:Total PrtPGS]	*CTL	These SPs count the number of pages printed by the customer. The counter for the application used for storing the pages increments. [0 to 99999999 / 0 / 1 / step]
8382	[C:Total PrtPGS]	*CTL	
8383	[F:Total PrtPGS]	*CTL	
8384	[P:Total PrtPGS]	*CTL	
8385	[S:Total PrtPGS]	*CTL	
8386	[L:Total PrtPGS]	*CTL	
8387	[O:Total PrtPGS]	*CTL	

- When the A3/DLT double count function is switched on with SP5104, 1 A3/DLT page is counted as 2.
- When several documents are merged for a print job, the number of pages stored are counted for the application that stored them.
- These counters are used primarily to calculate charges on use of the machine, so the following pages are not counted as printed pages:
  - Blank pages in a duplex printing job.
  - Blank pages inserted as document covers, chapter title sheets, and slip sheets.
  - Reports printed to confirm counts.
  - All reports done in the service mode (service summaries, engine maintenance reports, etc.)
  - Test prints for machine image adjustment.
  - Error notification reports.
  - Partially printed pages as the result of a copier jam.

8391	LSize PrtPGS	*CTL	[0 to 99999999 / 0 / 1 / step]
	These SPs count pages printed on paper sizes A3/DLT and larger. <b>Note:</b> In addition to being displayed in the SMC Report, these counters are also displayed in the User Tools display on the copy machine.		

8401	[T:PrtPGS/LS]	*CTL	<p>These SPs count the number of pages printed from the document server. The counter for the application used to print the pages is incremented.</p> <p>The L: counter counts the number of jobs stored from within the document server mode screen at the operation panel.</p> <p>[0 to 9999999 / 0 / 1 / step]</p>
8402	[C:PrtPGS/LS]	*CTL	
8403	[F:PrtPGS/LS]	*CTL	
8404	[P:PrtPGS/LS]	*CTL	
8405	[S:PrtPGS/LS]	*CTL	
8406	[L:PrtPGS/LS]	*CTL	

- Print jobs done with Web Image Monitor and Desk Top Binder are added to the L: count.
- Fax jobs done with Web Image Monitor and Desk Top Binder are added to the F: count.

8411	Prints/Duplex	*CTL	<p>This SP counts the amount of paper (front/back counted as 1 page) used for duplex printing. Last pages printed only on one side are not counted.</p> <p>[0 to 99999999 / 0 / 1]</p>
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8421	[T:PrtPGS/Dup Comb]	<p>These SPs count by binding and combine, and n-Up settings the number of pages processed for printing. This is the total for all applications.</p>
8422	[C:PrtPGS/Dup Comb]	<p>These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by the copier application.</p>
8423	[F:PrtPGS/Dup Comb]	<p>These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by the fax application.</p>
8424	[P:PrtPGS/Dup Comb]	<p>These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by the printer application.</p>
8425	[S:PrtPGS/Dup Comb]	<p>These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by the scanner application.</p>



8426	<b>[L:PrtPGS/Dup Comb]</b>		
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing from within the document server mode window at the operation panel.		
8427	<b>[O:PrtPGS/Dup Comb]</b>		
	These SPs count by binding and combine, and n-Up settings the number of pages processed for printing by Other applications		
001	Simplex> Duplex	*CTL	[0 to 99999999 / 0 / 1 / step]
002	Duplex> Duplex	*CTL	[0 to 99999999 / 0 / 1 / step]
003	Book> Duplex	*CTL	[0 to 99999999 / 0 / 1 / step]
004	Simplex Combine	*CTL	[0 to 99999999 / 0 / 1 / step]
005	Duplex Combine	*CTL	[0 to 99999999 / 0 / 1 / step]
006	2in1	*CTL	[0 to 99999999 / 0 / 1 / step]
	2 pages on 1 side (2-Up)		
007	4 in1	*CTL	[0 to 99999999 / 0 / 1 / step]
	4 pages on 1 side (4-Up)		
008	6 in1	*CTL	[0 to 99999999 / 0 / 1 / step]
	6 pages on 1 side (6-Up)		
009	8 in1	*CTL	[0 to 99999999 / 0 / 1 / step]
	8 pages on 1 side (8-Up)		
010	9 in1	*CTL	[0 to 99999999 / 0 / 1 / step]
	9 pages on 1 side (9-Up)		
011	16 in1	*CTL	[0 to 99999999 / 0 / 1 / step]
	16 pages on 1 side (16-Up)		
012	Booklet	*CTL	[0 to 99999999 / 0 / 1 / step]
013	Magazine	*CTL	[0 to 99999999 / 0 / 1 / step]
014	2in1 + Booklet	*CTL	[0 to 99999999 / 0 / 1 / step]

015	4in1 + Booklet	*CTL	[0 to 99999999 / 0 / 1 / step]
016	6in1 + Booklet	*CTL	[0 to 99999999 / 0 / 1 / step]
017	8in1 + Booklet	*CTL	[0 to 99999999 / 0 / 1 / step]
018	9in1 + Booklet	*CTL	[0 to 99999999 / 0 / 1 / step]
019	2in1 + Magazine	*CTL	[0 to 99999999 / 0 / 1 / step]
020	4in1 + Magazine	*CTL	[0 to 99999999 / 0 / 1 / step]
021	6in1 + Magazine	*CTL	[0 to 99999999 / 0 / 1 / step]
022	8in1 + Magazine	*CTL	[0 to 99999999 / 0 / 1 / step]
023	9in1 + Magazine	*CTL	[0 to 99999999 / 0 / 1 / step]
024	16in1 + Magazine	*CTL	[0 to 99999999 / 0 / 1 / step]

- These counts (SP8 421 to SP8 427) are especially useful for customers who need to improve their compliance with ISO standards for the reduction of paper consumption.
- Pages that are only partially printed with the n-Up functions are counted as 1 page.
- Here is a summary of how the counters work for Booklet and Magazine modes:

Booklet		Magazine	
Original Pages	Count	Original Pages	Count
1	1	1	1
2	2	2	2
3	2	3	2
4	2	4	2
5	3	5	4
6	4	6	4
7	4	7	4
8	4	8	4

8431	<b>[T:PrtPGS/ImgEdt]</b>		
	These SPs count the total number of pages output with the three features below, regardless of which application was used.		
8432	<b>[C:PrtPGS/ImgEdt]</b>		
	These SPs count the total number of pages output with the three features below with the copy application.		
8434	<b>[P:PrtPGS/ImgEdt]</b>		
	These SPs count the total number of pages output with the three features below with the print application.		
8436	<b>[L:PrtPGS/ImgEdt]</b>		
	These SPs count the total number of pages output from within the document server mode window at the operation panel with the three features below.		
8437	<b>[O:PrtPGS/ImgEdt]</b>		
	These SPs count the total number of pages output with the three features below with Other applications.		
001	Cover/Slip Sheet	*CTL	[0 to 99999999 / 0 / 1 / step]
	Total number of covers or slip sheets inserted. The count for a cover printed on both sides counts 2.		
002	Series/Book	*CTL	[0 to 99999999 / 0 / 1 / step]
	The number of pages printed in series (one side) or printed as a book with booklet right/left pagination.		
003	User Stamp	*CTL	[0 to 99999999 / 0 / 1 / step]
	The number of pages printed where stamps were applied, including page numbering and date stamping.		
8441	<b>[T:PrtPGS/Ppr Size]</b>		
	These SPs count by print paper size the number of pages printed by all applications.		
8442	<b>[C:PrtPGS/Ppr Size]</b>		
	These SPs count by print paper size the number of pages printed by the copy application.		

8443	<b>[F:PrtPGS/Ppr Size]</b>		
	These SPs count by print paper size the number of pages printed by the fax application.		
8444	<b>[P:PrtPGS/Ppr Size]</b>		
	These SPs count by print paper size the number of pages printed by the printer application.		
8445	<b>[S:PrtPGS/Ppr Size]</b>		
	These SPs count by print paper size the number of pages printed by the scanner application.		
8446	<b>[L:PrtPGS/Ppr Size]</b>		
	These SPs count by print paper size the number of pages printed from within the document server mode window at the operation panel.		
8447	<b>[O:PrtPGS/Ppr Size]</b>		
	These SPs count by print paper size the number of pages printed by Other applications.		
001	A3	*CTL	[0 to 99999999 / 0 / 1 / step]
002	A4	*CTL	[0 to 99999999 / 0 / 1 / step]
003	A5	*CTL	[0 to 99999999 / 0 / 1 / step]
004	B4	*CTL	[0 to 99999999 / 0 / 1 / step]
005	B5	*CTL	[0 to 99999999 / 0 / 1 / step]
006	DLT	*CTL	[0 to 99999999 / 0 / 1 / step]
007	LG	*CTL	[0 to 99999999 / 0 / 1 / step]
008	LT	*CTL	[0 to 99999999 / 0 / 1 / step]
009	HLT	*CTL	[0 to 99999999 / 0 / 1 / step]
010	Full Bleed	*CTL	[0 to 99999999 / 0 / 1 / step]
254	Other (Standard)	*CTL	[0 to 99999999 / 0 / 1 / step]
255	Other (Custom)	*CTL	[0 to 99999999 / 0 / 1 / step]

- These counters do not distinguish between LEF and SEF.

8451	[PrtPGS/Ppr Tray]		
	These SPs count the number of sheets fed from each paper feed station.		
001	Bypass Tray	*CTL	Bypass Tray [0 to 99999999 / 0 / 1 / step]
002	Tray 1	*CTL	Copier
003	Tray 2	*CTL	[0 to 99999999 / 0 / 1 / step]
004	Tray 3	*CTL	Paper Tray Unit (Option)
005	Tray 4	*CTL	[0 to 99999999 / 0 / 1 / step]
006	Tray 5	*CTL	LCT (Option) [0 to 99999999 / 0 / 1 / step]
007	Tray 6	*CTL	Currently not used.
008	Tray 7	*CTL	Currently not used.
009	Tray 8	*CTL	Currently not used.
010	Tray 9	*CTL	Currently not used.
011	Tray 10	*CTL	Currently not used.
012	Tray 11	*CTL	Currently not used.
013	Tray 12	*CTL	Currently not used.
014	Tray 13	*CTL	Currently not used.
015	Tray 14	*CTL	Currently not used.
016	Tray 15	*CTL	Currently not used.

8461	<b>[T:PrtPGS/Ppr Type]</b>		
	<p>These SPs count by paper type the number pages printed by all applications.</p> <ul style="list-style-type: none"> <li>• These counters are not the same as the PM counter. The PM counter is based on feed timing to accurately measure the service life of the feed rollers. However, these counts are based on output timing.</li> <li>• Blank sheets (covers, chapter covers, slip sheets) are also counted.</li> <li>• During duplex printing, pages printed on both sides count as 1, and a page printed on one side counts as 1.</li> </ul>		
8462	<b>[C:PrtPGS/Ppr Type]</b>		
	<p>These SPs count by paper type the number pages printed by the copy application.</p>		
8463	<b>[F:PrtPGS/Ppr Type]</b>		
	<p>These SPs count by paper type the number pages printed by the fax application.</p>		
8464	<b>[P:PrtPGS/Ppr Type]</b>		
	<p>These SPs count by paper type the number pages printed by the printer application.</p>		
8466	<b>[L:PrtPGS/Ppr Type]</b>		
	<p>These SPs count by paper type the number pages printed from within the document server mode window at the operation panel.</p>		
001	Normal	*CTL	[0 to 99999999 / 0 / 1 / step]
002	Recycled	*CTL	[0 to 99999999 / 0 / 1 / step]
003	Special	*CTL	[0 to 99999999 / 0 / 1 / step]
004	Thick	*CTL	[0 to 99999999 / 0 / 1 / step]
005	Normal (Back)	*CTL	[0 to 99999999 / 0 / 1 / step]
006	Thick (Back)	*CTL	[0 to 99999999 / 0 / 1 / step]
007	OHP	*CTL	[0 to 99999999 / 0 / 1 / step]
008	Other	*CTL	[0 to 99999999 / 0 / 1 / step]
8471	<b>[PrtPGS/Mag]</b>		
	<p>These SPs count by magnification rate the number of pages printed.</p>		

001	< 49%	*CTL	[0 to 99999999 / 0 / 1 / step]
002	50% to 99%	*CTL	
003	100%	*CTL	
004	101% to 200%	*CTL	
005	201% <	*CTL	

Counts are done for magnification adjusted for pages, not only on the operation panel but performed remotely with an external network application capable of performing magnification adjustment as well. Magnification adjustments done with printer drivers with PC applications such as Excel are also counted. Magnification adjustments done for adjustments after they have been stored on the document server are not counted.

Magnification adjustments performed automatically during Auto Reduce/Enlarge copying are counted. The magnification rates of blank cover sheets, slip sheets, etc. are automatically assigned a rate of 100%.

8481	[T:PrtPGS/TonSave]	*CTL	[0 to 99999999 / 0 / 1 / step]
8484	[P:PrtPGS/TonSave]	*CTL	
These SPs count the number of pages printed with the Toner Save feature switched on. <b>Note:</b> These SPs return the same results as this SP is limited to the Print application.			

8491	[T:PrtPGS/Col Mode]		
8492	[C:PrtPGS/Col Mode]		
8493	[F:PrtPGS/Col Mode]		
8496	[L:PrtPGS/Col Mode]		
8497	[O:PrtPGS/Col Mode]		
001	B/W	*CTL	These SPs count the number of pages printed in the Color Mode by each application.
002	Single Color	*CTL	
003	Two Color	*CTL	
004	Full Color	*CTL	

<b>8501</b>	<b>[T:PrtPGS/Col Mode]</b>		
<b>8504</b>	<b>[P:PrtPGS/Col Mode]</b>		
<b>8507</b>	<b>[O:PrtPGS/Col Mode]</b>		
001	B/W	*CTL	These SPs count the number of pages printed in the Color Mode by the print application.
002	Mono Color	*CTL	
003	Full Color	*CTL	
004	Single Color	*CTL	
005	Two Color	*CTL	

<b>8511</b>	<b>[T:PrtPGS/Emul]</b>		
	These SPs count by printer emulation mode the total number of pages printed.		
<b>8514</b>	<b>[P:PrtPGS/Emul]</b>		
	These SPs count by printer emulation mode the total number of pages printed.		
001	RPCS	*CTL	[0 to 99999999 / 0 / 1 / step]
002	RPDL	*CTL	[0 to 99999999 / 0 / 1 / step]
003	PS3	*CTL	[0 to 99999999 / 0 / 1 / step]
004	R98	*CTL	[0 to 99999999 / 0 / 1 / step]
005	R16	*CTL	[0 to 99999999 / 0 / 1 / step]
006	GL/GL2	*CTL	[0 to 99999999 / 0 / 1 / step]
007	R55	*CTL	[0 to 99999999 / 0 / 1 / step]
008	RTIFF	*CTL	[0 to 99999999 / 0 / 1 / step]
009	PDF	*CTL	[0 to 99999999 / 0 / 1 / step]
010	PCL5e/5c	*CTL	[0 to 99999999 / 0 / 1 / step]
011	PCL XL	*CTL	[0 to 99999999 / 0 / 1 / step]
012	IPDL-C	*CTL	[0 to 99999999 / 0 / 1 / step]
013	BM-Links	*CTL	Japan Only



014	Other	*CTL	[0 to 99999999 / 0 / 1 / step]
015	IPDS	*CTL	[0 to 99999999 / 0 / 1 / step]

- SP8 511 and SP8 514 return the same results as they are both limited to the Print application.
- Print jobs output to the document server are not counted.

8521	<b>[T:PrtPGS/FIN]</b>		
	These SPs count by finishing mode the total number of pages printed by all applications.		
8522	<b>[C:PrtPGS/FIN]</b>		
	These SPs count by finishing mode the total number of pages printed by the Copy application.		
8523	<b>[F:PrtPGS/FIN]</b>		
	These SPs count by finishing mode the total number of pages printed by the Fax application. <b>NOTE:</b> Print finishing options for received faxes are currently not available.		
8524	<b>[P:PrtPGS/FIN]</b>		
	These SPs count by finishing mode the total number of pages printed by the Print application.		
8525	<b>[S:PrtPGS/FIN]</b>		
	These SPs count by finishing mode the total number of pages printed by the Scanner application.		
8526	<b>[L:PrtPGS/FIN]</b>		
	These SPs count by finishing mode the total number of pages printed from within the document server mode window at the operation panel.		
001	Sort	*CTL	[0 to 99999999 / 0 / 1 / step]
002	Stack	*CTL	[0 to 99999999 / 0 / 1 / step]
003	Staple	*CTL	[0 to 99999999 / 0 / 1 / step]
004	Booklet	*CTL	[0 to 99999999 / 0 / 1 / step]
005	Z-Fold	*CTL	[0 to 99999999 / 0 / 1 / step]
006	Punch	*CTL	[0 to 99999999 / 0 / 1 / step]

007	Other	*CTL	[0 to 99999999 / 0 / 1 / step]
008	Inside Fold	*CTL	[0 to 99999999 / 0 / 1 / step]
	Half-Fold (FM2) (Multi Fold Unit)		
009	Three-IN-Fold	*CTL	[0 to 99999999 / 0 / 1 / step]
	Letter Fold-in (FM4) (Multi Fold Unit)		
010	Three-OUT-Fold	*CTL	[0 to 99999999 / 0 / 1 / step]
	Letter Fold-out (FM3) (Multi Fold Unit)		
011	Four Fold	*CTL	[0 to 99999999 / 0 / 1 / step]
	Double Parallel Fold (FM5) (Multi Fold Unit)		
012	KANNON-Fold	*CTL	[0 to 99999999 / 0 / 1 / step]
	Gate Fold (FM6) (Multi Fold Unit)		
013	Perfect-Bind	*CTL	[0 to 99999999 / 0 / 1 / step]
	Perfect Binder		
014	Ring-Bind	*CTL	[0 to 99999999 / 0 / 1 / step]
	Ring Binder		

**Note**

- If stapling is selected for finishing and the stack is too large for stapling, the unstapled pages are still counted.
- The counts for staple finishing are based on output to the staple tray, so jam recoveries are counted.

<b>8531</b>	<b>[Staples]</b>	*CTL	This SP counts the amount of staples used by the machine. [0 to 9999999 / 0 / 1 / step]
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<b>8551</b>	<b>[T:PrtBooks/FIN]</b>		
001	Perfect-Bind	*CTL	Booklet finishing
002	Ring-Bind	*CTL	Not used

<b>8552</b>	<b>[C: PritBooks/FIN]</b>		
001	Perfect-Bind	*CTL	Booklet finishing
002	Ring-Bind	*CTL	Not used

<b>8554</b>	<b>[P: PritBooks/FIN]</b>		
001	Perfect-Bind	*CTL	Booklet finishing
002	Ring-Bind	*CTL	Not used

<b>8556</b>	<b>[L: PritBooks/FIN]</b>		
001	Perfect-Bind	*CTL	Booklet finishing
002	Ring-Bind	*CTL	Not used

<b>8561</b>	<b>[T:A Sheet Of Paper]</b>		
001	Total: Over A3/DLT	*CTL	[0 to 99999999 / 0 / 1]
002	Total: Under A3/DLT	*CTL	
003	Duplex: Over A3/DLT	*CTL	
004	Duplex: Under A3/DLT	*CTL	

<b>8562</b>	<b>[C:A Sheet Of Paper]</b>		
001	Total: Over A3/DLT	*CTL	[0 to 99999999 / 0 / 1]
002	Total: Under A3/DLT	*CTL	
003	Duplex: Over A3/DLT	*CTL	
004	Duplex: Under A3/DLT	*CTL	

<b>8563</b>	<b>[F:A Sheet Of Paper]</b>		
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001	Total: Over A3/DLT	*CTL	[0 to 99999999 / 0 / 1]
002	Total: Under A3/DLT	*CTL	
003	Duplex: Over A3/DLT	*CTL	
004	Duplex: Under A3/DLT	*CTL	

<b>8564</b>	<b>[P:A Sheet Of Paper]</b>		
001	Total: Over A3/DLT	*CTL	[0 to 99999999 / 0 / 1]
002	Total: Under A3/DLT	*CTL	
003	Duplex: Over A3/DLT	*CTL	
004	Duplex: Under A3/DLT	*CTL	

<b>8566</b>	<b>[L:A Sheet Of Paper]</b>		
001	Total: Over A3/DLT	*CTL	[0 to 99999999 / 0 / 1]
002	Total: Under A3/DLT	*CTL	
003	Duplex: Over A3/DLT	*CTL	
004	Duplex: Under A3/DLT	*CTL	

<b>8567</b>	<b>[O:A Sheet Of Paper]</b>		
001	Total: Over A3/DLT	*CTL	[0 to 99999999 / 0 / 1]
002	Total: Under A3/DLT	*CTL	
003	Duplex: Over A3/DLT	*CTL	
004	Duplex: Under A3/DLT	*CTL	

<b>8581</b>	<b>[T:Counter]</b>		
	These SPs count the total output broken down by color output, regardless of the application used. In addition to being displayed in the SMC Report, these counters are also displayed in the User Tools display on the copy machine.		

001	Total	*CTL	[0 to 99999999 / 0 / 1]
002	Total: Full Color	*CTL	
003	B&W/Single Color	*CTL	
004	Development: CMY	*CTL	
005	Development: K	*CTL	
006	Copy: Color	*CTL	
007	Copy: B/W	*CTL	
008	Print: Color	*CTL	
009	Print: B/W	*CTL	
010	Total: Color	*CTL	
011	Total: B/W	*CTL	[0 to 99999999 / 0 / 1]
012	Full Color: A3	*CTL	
013	Full Color: B4 JIS or Smaller	*CTL	
014	Full Color Print	*CTL	
015	Mono Color Print	*CTL	
017	Twin Color Mode Print	*CTL	
018	Full Color Print (Twin)	*CTL	
019	Mono Color Print (Twin)	*CTL	
020	Full Color Total (CV)	*CTL	
021	Mono Color Total (CV)	*CTL	
022	Full Color Print (CV)	*CTL	
028	Development: CMY (A3)	*CTL	
029	Development: K (A3)	*CTL	
030	Total: Color (A3)	*CTL	
031	Total: B/W (A3)	*CTL	

<b>8582</b>	<b>[C:Counter]</b>		
	These SPs count the total output of the copy application broken down by color output.		
001	B/W	*CTL	[0 to 99999999 / 0 / 1]
002	Single Color	*CTL	
003	Two Color	*CTL	
004	Full Color	*CTL	

<b>8583</b>	<b>[F:Counter]</b>		
	These SPs count the total output of the fax application broken down by color output.		
001	B/W	*CTL	[0 to 99999999 / 0 / 1]
002	Single Color	*CTL	
004	Single Color	*CTL	
005	Two Color	*CTL	

<b>8584</b>	<b>[P:Counter]</b>		
	These SPs count the total output of the print application broken down by color output.		
001	B/W	*CTL	[0 to 99999999 / 0 / 1]
002	Mono Color	*CTL	
003	Full Color	*CTL	
004	Single Color	*CTL	
005	Two Color	*CTL	

<b>8586</b>	<b>[L:Counter]</b>		
	These SPs count the total output of the local storage broken down by color output.		

001	B/W	*CTL	[0 to 99999999 / 0 / 1]
002	Single Color	*CTL	
003	Two Color	*CTL	
004	Full Color	*CTL	

8591	<b>[O:Counter]</b>		
	These SPs count the totals for A3/DLT paper use, number of duplex pages printed, and the number of staples used. These totals are for Other (O:) applications only.		
001	A3/DLT	*CTL	[0 to 99999999 / 0 / 1 / step]
002	Duplex	*CTL	

8601	<b>[T:Coverage Counter]</b>		
	These SPs count the total coverage for each color and the total printout pages for each printing mode.		
001	B/W	*CTL	[0 to 2147483647 / 0 / 1% / step]
002	Color	*CTL	
011	B/W Printing Pages	*CTL	[0 to 9999999 / 0 / 1 / step]
012	Color Printing Pages	*CTL	[0 to 9999999 / 0 / 1 / step]
021	Coverage Counter 1	*CTL	[0 to 9999999 / 0 / 1 / step]
022	Coverage Counter 2	*CTL	
023	Coverage Counter 3	*CTL	
031	Coverage Counter 1(YMC)	*CTL	[0 to 9999999 / 0 / 1 / step]
032	Coverage Counter 2(YMC)	*CTL	
033	Cvg Coverage Counter 3(YMC)	*CTL	

8602	<b>[C:Coverage Counter]</b>		
	-		

001	B/W	*CTL	[0 to 2147483647 / 0 / 1% / step]
002	Single Color	*CTL	
003	Two Color	*CTL	
004	Full Color	*CTL	

8603	<b>[F:Coverage Counter]</b>		
	-		
001	B/W	*CTL	[0 to 2147483647 / 0 / 1% / step]
002	Single Color	*CTL	

8604	<b>[P:Coverage Counter]</b>		
	-		
001	B/W	*CTL	[0 to 2147483647 / 0 / 1% / step]
002	Single Color	*CTL	
003	Two Color	*CTL	
004	Full Color	*CTL	

8606	<b>[L:Coverage Counter]</b>		
	-		
001	B/W	*CTL	[0 to 2147483647 / 0 / 1% / step]
002	Single Color	*CTL	
003	Two Color	*CTL	
004	Full Color	*CTL	

8617	<b>[SDK Apli Counter]</b>		
	These SPs count the total printout pages for each SDK application.		



001	SDK-1	*CTL	[0 to 99999999 / 0 / 1 / step]
002	SDK-2	*CTL	
003	SDK-3	*CTL	
004	SDK-4	*CTL	
005	SDK-5	*CTL	
006	SDK-6	*CTL	

<b>8621</b>	Func Use Counter		
	-		
001	Function-001	*CTL	[0 to 99999999 / 0 / 1 / step]
002	Function-002	*CTL	
003	Function-003	*CTL	
004	Function-004	*CTL	
005	Function-005	*CTL	
006	Function-006	*CTL	[0 to 99999999 / 0 / 1 / step]
007	Function-007	*CTL	
008	Function-008	*CTL	
009	Function-009	*CTL	
010	Function-010	*CTL	
011	Function-011	*CTL	[0 to 99999999 / 0 / 1 / step]
012	Function-012	*CTL	
013	Function-013	*CTL	
014	Function-014	*CTL	
015	Function-015	*CTL	

016	Function-016	*CTL	[0 to 999999999 / 0 / 1 / step]
017	Function-017	*CTL	
018	Function-018	*CTL	
019	Function-019	*CTL	
020	Function-020	*CTL	
021	Function-021	*CTL	[0 to 999999999 / 0 / 1 / step]
022	Function-022	*CTL	
023	Function-023	*CTL	
024	Function-024	*CTL	
025	Function-025	*CTL	
026	Function-026	*CTL	[0 to 999999999 / 0 / 1 / step]
027	Function-027	*CTL	
028	Function-028	*CTL	
029	Function-029	*CTL	
030	Function-030	*CTL	
031	Function-031	*CTL	[0 to 999999999 / 0 / 1 / step]
032	Function-032	*CTL	
033	Function-033	*CTL	
034	Function-034	*CTL	
035	Function-035	*CTL	
036	Function-036	*CTL	
037	Function-037	*CTL	
038	Function-038	*CTL	
039	Function-039	*CTL	
040	Function-040	*CTL	

041	Function-041	*CTL	[0 to 999999999 / 0 / 1 / step]
042	Function-042	*CTL	
043	Function-043	*CTL	
044	Function-044	*CTL	
045	Function-045	*CTL	
046	Function-046	*CTL	
047	Function-047	*CTL	
048	Function-048	*CTL	
049	Function-049	*CTL	
050	Function-050	*CTL	
051	Function-051	*CTL	[0 to 999999999 / 0 / 1 / step]
052	Function-052	*CTL	
053	Function-053	*CTL	
054	Function-054	*CTL	
055	Function-055	*CTL	
056	Function-056	*CTL	
057	Function-057	*CTL	
058	Function-058	*CTL	
059	Function-059	*CTL	
060	Function-060	*CTL	
061	Function-061	*CTL	[0 to 999999999 / 0 / 1 / step]
062	Function-062	*CTL	
063	Function-063	*CTL	
064	Function-064	*CTL	

<b>8631</b>	<b>[T:FAX TX PGS]</b>		
	These SPs count by color mode the number of pages sent by fax to a telephone number.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

<b>8633</b>	<b>[F:FAX TX PGS]</b>		
	These SPs count by color mode the number of pages sent by fax to a telephone number.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

- If a document has color and black-and-white pages mixed, the pages are counted separately as B/W or Color.
- At the present time, this feature is provided for the Fax application only so SP8631 and SP8633 are the same.
- The counts include error pages.
- If a document is sent to more than one destination with a Group transmission, the count is done for each destination.
- Polling transmissions are counted but polling RX are not.
- Relay, memory, and confidential mailbox transmissions and are counted for each destination.

<b>8641</b>	<b>[T:IFAX TX PGS]</b>		
	These SPs count by color mode the number of pages sent by fax to as fax images using I-Fax.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

<b>8643</b>	<b>[F:IFAX TX PGS]</b>		
	These SPs count by color mode the number of pages sent by Fax as fax images using I-Fax.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

- If a document has color and black-and-white pages mixed, the pages are counted separately as B/W or Color.
- At the present time, this feature is provided for the Fax application only so SP8641 and SP8643 are the same.
- The counts include error pages.
- If a document is sent to more than one destination with a Group transmission, the count is done for each destination.
- Polling transmissions are counted but polling RX are not.
- Relay, memory, and confidential mailbox transmissions and are counted for each destination.

8651	<b>[T:S-to-Email PGS]</b>		
	These SPs count by color mode the total number of pages attached to an e-mail for both the Scan and document server applications.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

8655	<b>[S:S-to-Email PGS]</b>		
	These SPs count by color mode the total number of pages attached to an e-mail for both the Scan and document server applications.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

#### ↓ Note

- The count for B/W and Color pages is done after the document is stored on the HDD. If the job is cancelled before it is stored, the pages are not counted.
- If Scan-to-Email is used to send a 10-page document to 5 addresses, the count is 10 (the pages are sent to the same SMTP server together).
- If Scan-to-PC is used to send a 10-page document to 5 folders, the count is 50 (the document is sent to each destination of the SMB/FTP server).
- Due to restrictions on some devices, if Scan-to-Email is used to send a 10-page document to a large number of destinations, the count may be divided and counted separately. For example, if a 10-page document is sent to 200 addresses, the count is 10 for the first 100 destinations and the count is also 10 for the second 100 destinations, for a total of 20.

8661	<b>[T:Deliv PGS/Svr]</b>		
	These SPs count by color mode the total number of pages sent to a Scan Router server by both Scan and LS applications.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

8665	<b>[S:Deliv PGS/Svr]</b>		
	These SPs count by color mode the total number of pages sent to a Scan Router server by the Scan application.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

**Note**

- The B/W and Color counts are done after the document is stored on the HDD of the Scan Router server.
- If the job is canceled before storage on the Scan Router server finishes, the counts are not done.
- The count is executed even if regardless of confirmation of the arrival at the Scan Router server.

8671	<b>[T:Deliv PGS/PC]</b>		
	These SPs count by color mode the total number of pages sent to a folder on a PC (Scan-to-PC) with the Scan and LS applications.		
8675	<b>[S: Deliv PGS/PC]</b>		
	These SPs count by color mode the total number of pages sent with Scan-to-PC with the Scan application.		
001	B/W	*CTL	[0 to 9999999 / 0 / 1 step]
002	Color	*CTL	[0 to 9999999 / 0 / 1 step]

8681	<b>[T:PCFAX TXPGS]</b>	*CTL	These SPs count the number of pages sent by PC Fax. These SPs are provided for the Fax application only, so the counts for SP8 681 and SP8 683 are the same. [0 to 9999999 / 0 / 1 / step]
8683	<b>[F:PCFAX TXPGS]</b>	*CTL	

- This counts pages sent from a PC using a PC fax application, from the PC through the copier to the destination.
- When sending the same message to more than one place using broadcasting, the pages are only counted once. (For example, a 10-page fax is sent to location A and location B. The counter goes up by 10, not 20.)

8691	[T:TX PGS/LS]	*CTL	These SPs count the number of pages sent from the document server. The counter for the application that was used to store the pages is incremented. [0 to 9999999 / 0 / 1 / step] The L: counter counts the number of pages stored from within the document server mode screen at the operation panel. Pages stored with the Store File button from within the Copy mode screen go to the C: counter.
8692	[C:TX PGS/LS]	*CTL	
8693	[F:TX PGS/LS]	*CTL	
8694	[P:TX PGS/LS]	*CTL	
8695	[S:TX PGS/LS]	*CTL	
8696	[L:TX PGS/LS]	*CTL	

**Note**

- Print jobs done with Web Image Monitor and Desk Top Binder are added to the count.
- If several documents are merged for sending, the number of pages stored are counted for the application that stored them.
- When several documents are sent by a Fax broadcast, the F: count is done for the number of pages sent to each destination.

8701	[TX PGS/Port]		
	These SPs count the number of pages sent by the physical port used to send them. For example, if a 3-page original is sent to 4 destinations via ISDN G4, the count for ISDN (G3, G4) is 12.		
001	PSTN-1	*CTL	[0 to 9999999 / 0 / 1 / step]
002	PSTN-2	*CTL	[0 to 9999999 / 0 / 1 / step]
003	PSTN-3	*CTL	[0 to 9999999 / 0 / 1 / step]
004	ISDN (G3,G4)	*CTL	[0 to 9999999 / 0 / 1 / step]
005	Network	*CTL	[0 to 9999999 / 0 / 1 / step]

8711	[T:Scan PGS/Comp]
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<b>8715</b>	<b>[S:Scan PGS/Comp]</b>		
	These SPs count the number of pages sent by each compression mode.		
001	JPEG/JPEG2000	*CTL	[0 to 9999999/ 0 / 1 / step]
002	TIFF(Multi/Single)	*CTL	[0 to 9999999/ 0 / 1 / step]
003	PDF	*CTL	[0 to 9999999/ 0 / 1 / step]
004	Other	*CTL	[0 to 9999999/ 0 / 1 / step]
005	PDF/Comp	*CTL	[0 to 9999999/ 0 / 1 / step]
006	PDF/A	*CTL	[0 to 9999999/ 0 / 1 / step]
007	PDF(OCR)	*CTL	[0 to 9999999/ 0 / 1 / step]
008	PDF/Comp(OCR)	*CTL	[0 to 9999999/ 0 / 1 / step]

<b>8721</b>	<b>[T:Deliv PGS/WSD]</b>		
<b>8725</b>	<b>[S: Dvliv PGS/WSD]</b>		
	These SPs count the number of pages scanned by each scanner mode.		
001	B/W	*CTL	[0 to 9999999/ 0 / 1 / step]
002	Color	*CTL	[0 to 9999999/ 0 / 1 / step]

<b>8731</b>	<b>[T:Scan PGS/Media]</b>		
<b>8735</b>	<b>[S:Scan PGS/Media]</b>		
	These SPs count the number of pages scanned and saved in a media by each scanner mode.		
001	B/W	*CTL	[0 to 9999999/ 0 / 1 / step]
002	Color	*CTL	[0 to 9999999/ 0 / 1 / step]

<b>8741</b>	<b>[RX PGS/Port]</b>		
	These SPs count the number of pages received by the physical port used to receive them.		
001	PSTN-1	*CTL	[0 to 9999999/ 0 / 1 / step]



002	PSTN-2	*CTL	[0 to 9999999 / 0 / 1 / step]
003	PSTN-3	*CTL	[0 to 9999999 / 0 / 1 / step]
004	ISDN (G3,G4)	*CTL	[0 to 9999999 / 0 / 1 / step]
005	Network	*CTL	[0 to 9999999 / 0 / 1 / step]

8771	<b>[Dev Counter]</b>		
	These SPs count the frequency of use (number of rotations of the development rollers) for black and other color toners.		
001	Total	*CTL	[0 to 99999999 / 0 / 1 / step]
002	K	*CTL	
003	Y	*CTL	
004	M	*CTL	
005	C	*CTL	

8781	<b>[Toner_Bottle_Info.]</b>	*ENG	[0 to 9999999 / 0 / 1 / step]
	These SPs display the number of already replaced toner bottles. NOTE: Currently, the data in SP7-833-011 through 014 and the data in SP8-781-001 through 004 are the same.		
001	Toner: BK	The number of black-toner bottles	
002	Toner: Y	The number of yellow-toner bottles	
003	Toner: M	The number of magenta-toner bottles	
004	Toner: C	The number of cyan-toner bottles	

8791	<b>[LS Memory Remain]</b>	*CTL	This SP displays the percent of space available on the document server for storing documents. [0 to 100 / 0 / 1 / step]
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8801	<b>[Toner Remain]</b>		
	These SPs display the percent of toner remaining for each color. This SP allows the user to check the toner supply at any time.		
	Note: This precise method of measuring remaining toner supply (1% steps) is better than other machines in the market that can only measure in increments of 10 (10% steps).		
	001	K	*CTL
	002	Y	*CTL
003	M	*CTL	[0 to 100 / 0 / 1% / step]
004	C	*CTL	

8811	<b>[Eco Counter]</b>			
	-			
	001	Eco Total	*CTL	
	002	Color	*CTL	
	003	Full Color	*CTL	[0 to 99999999 / 0 / 1 / step]
	004	Duplex	*CTL	
	005	Combine	*CTL	
	006	Color (%)	*CTL	
	007	Full Color (%)	*CTL	
	008	Duplex (%)	*CTL	[0 to 100 / 0 / 1% / step]
	009	Combine (%)	*CTL	
	010	Paper Cut (%)	*CTL	
	101	Eco Totalr>Last	*CTL	
	102	Color>Last	*CTL	
	103	Full Color>Last	*CTL	[0 to 99999999 / 0 / 1 / step]
104	Duplex>Last	*CTL		
105	Combine>Last	*CTL		

106	Color(%):Last	*CTL	[0 to 100 / 0 / 1% / step]
107	Full Color (%):Last	*CTL	
108	Duplex (%):Last	*CTL	
109	Combine (%):Last	*CTL	
110	Paper Cut (%):Last	*CTL	

8851	<b>[Cvr Cnt: 0-10%]</b>		
	These SPs display the number of scanned sheets on which the coverage of each color is from 0% to 10%.		
011	0 to 2%: BK	*ENG	[0 to 99999999 / 0 / 1 / step]
012	0 to 2%: Y	*ENG	
013	0 to 2%: M	*ENG	
014	0 to 2%: C	*ENG	
021	3 to 4%: BK	*ENG	[0 to 99999999 / 0 / 1 / step]
022	3 to 4%: Y	*ENG	
023	3 to 4%: M	*ENG	
024	3 to 4%: C	*ENG	
031	5 to 7%: BK	*ENG	[0 to 99999999 / 0 / 1 / step]
032	5 to 7%: Y	*ENG	
033	5 to 7%: M	*ENG	
034	5 to 7%: C	*ENG	
041	8 to 10%: BK	*ENG	[0 to 99999999 / 0 / 1 / step]
042	8 to 10%: Y	*ENG	
043	8 to 10%: M	*ENG	
044	8 to 10%: C	*ENG	

8861	<b>[Cvr Cnt: 11-20%]</b>		
	These SPs display the number of scanned sheets on which the coverage of each color is from 11% to 20%.		
001	BK	*ENG	[0 to 99999999 / 0 / 1 / step]
002	Y	*ENG	
003	M	*ENG	
004	C	*ENG	

8871	<b>[Cvr Cnt: 21-30%]</b>		
	These SPs display the number of scanned sheets on which the coverage of each color is from 21% to 30%.		
001	BK	*ENG	[0 to 99999999 / 0 / 1 / step]
002	Y	*ENG	
003	M	*ENG	
004	C	*ENG	

8881	<b>[Cvr Cnt: 31%-]</b>		
	These SPs display the number of scanned sheets on which the coverage of each color is 31% or higher.		
001	BK	*ENG	[0 to 99999999 / 0 / 1 / step]
002	Y	*ENG	
003	M	*ENG	
004	C	*ENG	

8891	<b>[Page/Toner Bottle]</b>		
	These SPs display the amount of the remaining current toner for each color.		

001	BK	*ENG	[0 to 99999999 / 0 / 1 / step]
002	Y	*ENG	
003	M	*ENG	
004	C	*ENG	

<b>8901</b>	<b>[Page/Toner_prev1]</b>		
	These SPs display the amount of the remaining previous toner for each color.		
001	BK	*ENG	[0 to 99999999 / 0 / 1 / step]
002	Y	*ENG	
003	M	*ENG	
004	C	*ENG	

<b>8911</b>	<b>[Page/Toner_prev2]</b>		
	These SPs display the amount of the remaining 2nd previous toner for each color.		
001	BK	*ENG	[0 to 99999999 / 0 / 1 / step]
002	Y	*ENG	
003	M	*ENG	
004	C	*ENG	

<b>8921</b>	<b>[Cvr Cnt/Total]</b>		
	Displays the total coverage and total printout number for each color.		
001	Coverage (%) BK	*CTL	[0 to 2147483647 / 0 / 1% / step]
002	Coverage (%) Y	*CTL	
003	Coverage (%) M	*CTL	
004	Coverage (%) C	*CTL	

011	Coverage /P: BK	*CTL	[0 to 99999999 / 0 / 1 / step]
012	Coverage /P: Y	*CTL	
013	Coverage /P: M	*CTL	
014	Coverage /P: C	*CTL	

8941	<b>[Machine Status]</b>		
	These SPs count the amount of time the machine spends in each operation mode. These SPs are useful for customers who need to investigate machine operation for improvement in their compliance with ISO Standards.		
001	Operation Time	*CTL	[0 to 99999999 / 0 / 1 / step]
	Engine operation time. Does not include time while controller is saving data to HDD (while engine is not operating).		
002	Standby Time	*CTL	[0 to 99999999 / 0 / 1 / step]
	Engine not operating. Includes time while controller saves data to HDD. Does not include time spent in Energy Save, Low Power, or Off modes.		
003	Energy Save Time	*CTL	[0 to 99999999 / 0 / 10 / step]
	Includes time while the machine is performing background printing.		
004	Low Power Time	*CTL	[0 to 99999999 / 0 / 1 / step]
	Includes time in Energy Save mode with Engine on. Includes time while machine is performing background printing.		
005	Off Mode Time	*CTL	[0 to 99999999 / 0 / 1 / step]
	Includes time while machine is performing background printing. Does not include time machine remains powered off with the power switches.		
006	SC	*CTL	[0 to 99999999 / 0 / 1 / step]
	Total time when SC errors have been staying.		
007	PrtJam	*CTL	[0 to 99999999 / 0 / 1 / step]
	Total time when paper jams have been staying during printing.		

008	OrgJam	*CTL	[0 to 99999999 / 0 / 1 / step]
	Total time when original jams have been staying during scanning.		
009	Supply PM Unit End	*CTL	[0 to 99999999 / 0 / 1 / step]
	Total time when toner end has been staying		

8951	<b>[AddBook Register]</b>		
	These SPs count the number of events when the machine manages data registration.		
001	User Code/User ID	*CTL	[0 to 9999999 / 0 / 1 / step]
	User code registrations.		
002	Mail Address	*CTL	[0 to 9999999 / 0 / 1 / step]
	Mail Address registrations.		
003	Fax Destination	*CTL	[0 to 9999999 / 0 / 1 / step]
	Fax destination registrations.		
004	Group	*CTL	[0 to 9999999 / 0 / 1 / step]
	Group destination registrations.		
005	Transfer Request	*CTL	[0 to 9999999 / 0 / 1 / step]
	Fax relay destination registrations for relay TX.		
006	F-Code	*CTL	[0 to 9999999 / 0 / 1 / step]
	F-Code box registrations.		
007	Copy Program	*CTL	[0 to 255 / 0 / 255 / step]
	Copy application registrations with the Program (job settings) feature.		
008	Fax Program	*CTL	[0 to 255 / 0 / 255 / step]
	Fax application registrations with the Program (job settings) feature.		
009	Printer Program	*CTL	[0 to 255 / 0 / 255 / step]
	Printer application registrations with the Program (job settings) feature.		

010	Scanner Program	*CTL	[0 to 255 / 0 / 255 / step]
	Scanner application registrations with the Program (job settings) feature.		

8961	<b>[Electricity Status]</b>		
	-		
001	Ctrl Standby Time	*CTL	[0 to 99999999 / 0 / 1 / step]
002	STR Time	*CTL	
003	Main Power Off Time	*CTL	
004	Reading and Printing Time	*CTL	
005	Printing Time	*CTL	[0 to 99999999 / 0 / 1 / step]
006	Reading Time	*CTL	
007	Eng Waiting Time	*CTL	
008	Low Power State Time	*CTL	
009	Silent State Time	*CTL	
010	Heater Off State Time	*CTL	
011	LCD on Time	*CTL	

8971	<b>[Unit Control]</b>		
	-		
001	Engine Off Recovery Count	*CTL	[0 to 99999999 / 0 / 1 / step]
002	Power Off Count	*CTL	
003	Force Power Off Count	*CTL	

8999	<b>[AdminCounter]</b>		
	Displays each total print out and total coverage.		
001	Total	*CTL	[0 to 99999999 / 0 / 1 / step]
002	Copy: Full Color	*CTL	[0 to 99999999 / 0 / 1 / step]



003	Copy: BW	*CTL	[0 to 99999999 / 0 / 1 / step]
004	Copy: Single Color	*CTL	[0 to 99999999 / 0 / 1 / step]
005	Copy: Two Color	*CTL	[0 to 99999999 / 0 / 1 / step]
006	Printer: Full Color	*CTL	[0 to 99999999 / 0 / 1 / step]
007	Printer: BW	*CTL	[0 to 99999999 / 0 / 1 / step]
008	Printer: Single Color	*CTL	[0 to 99999999 / 0 / 1 / step]
009	Printer: Two Color	*CTL	[0 to 99999999 / 0 / 1 / step]
010	Fax Print: BW	*CTL	[0 to 99999999 / 0 / 1 / step]
012	A3/DLT	*CTL	[0 to 99999999 / 0 / 1 / step]
013	Duplex	*CTL	[0 to 99999999 / 0 / 1 / step]
022	Copy: Full Color (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
023	Copy: BW (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
024	Copy: Single Color (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
025	Copy: Two Color (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
026	Printer: Full Color (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
027	Printer: BW (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
028	Printer: Single Color (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
029	Printer: Two Color (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
030	Fax Print: BW (%)	*CTL	[0 to 2147483647 / 0 / 1% / step]
101	Transmission Total: Color	*CTL	[0 to 99999999 / 0 / 1 / step]
102	Transmission Total: BW	*CTL	[0 to 99999999 / 0 / 1 / step]
103	Fax Transmission	*CTL	[0 to 99999999 / 0 / 1 / step]
104	Scanner Transmission: Color	*CTL	[0 to 99999999 / 0 / 1 / step]
105	Scanner Transmission: BW	*CTL	[0 to 99999999 / 0 / 1 / step]

# Printer SP Mode

## SP1-XXX (Service Mode)

2

1001	<b>[Bit Switch]</b>			
001	Bit Switch 1 Setting		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	<b>No I/O Timeout</b>	<b>Disabled</b>	Enabled
	Enables/Disables MFP I/O Timeouts. If enabled, the MFP I/O Timeout setting will have no affect. I/O Timeouts will never occur.			
	bit 4	<b>SD Card Save Mode</b>	<b>Disabled</b>	Enabled
	If this bit switch is enabled, print jobs will be saved to the GW SD slot and not output to paper.			
	bit 5	DFU	-	-
	bit 6	DFU	-	-
bit 7	<b>[RPCS,PCL]: Printable area frame border</b>	<b>Disabled</b>	Enabled	
Prints all RPCS and PCL jobs with a border around the printable area.				

1001	<b>[Bit Switch]</b>
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002	Bit Switch 2 Setting		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	<b>Applying a Collate Type</b>	<b>Shift Collate</b>	Normal Collate
		A collate type (shift or normal) will be applied to all jobs that do not explicitly define a collate type. <b>Note:</b> If #5-0 is enabled, this BitSwitch has no effect.		
	bit 3	<b>[PCL5e/c,PS]: PDL Auto Switching</b>	<b>Enabled</b>	Disabled
		Enables/Disables the MFPs ability to change the PDL processor mid-job. Some host systems submit jobs that contain both PS and PCL5e/c. If Auto PDL switching is disabled, these jobs will not be printed properly.		
	bit 4	DFU	-	-
	bit 5	DFU	-	-
bit 6	<b>Switch dither</b>	<b>Use normal dither</b>	Use alternative dither	
	*Please refer to RTB#RD014018			
bit 7	DFU	-	-	
1001	<b>[Bit Switch]</b>			

003	Bit Switch 3 Setting		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	<b>[PCL5e/c]: Legacy HP compatibility</b>	<b>Disabled</b>	Enabled
	Uses the same left margin as older HP models such as HP4000/HP8000. In other words, the left margin defined in the job (usually "<ESC>*r0A") will be changed to "<ESC>*r1A".			
	bit 3	DFU	-	-
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	DFU	-	-
	bit 7	DFU	-	-

<b>1001</b>	<b>[Bit Switch]</b>			
004	Bit Switch 4 Setting		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	<b>IPDS print-side reversal</b>	<b>Disabled</b>	Enabled
	If enabled, the simplex pages of IPDS jobs will be printed on the front side because of printing on the back side of the page. This might reduce printing speed.			
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 7	DFU	-	-

<b>1001</b>	<b>[Bit Switch]</b>			
005	Bit Switch 5 Setting		0	1

bit 0	<b>Show "Collate Type", "Staple Type" and "Punch Type" buttons on the operation panel.</b>	<b>Disabled</b>	Enabled
	<p>If enabled, users will be able to configure a Collate Type, Staple Type, and Punch Type from the operation panel. The available Types will depend on the device and configured options.</p> <p>After enabling this BitSw, the settings will appear under: "User Tools &gt; Printer Features &gt; System"</p>		
bit 1	<b>Multiple copies if a paper size or type mismatch occurs</b>	<b>Disabled (single copy)</b>	Enabled (multiple)
	<p>If a paper size or type mismatch occurs during the printing of multiple copies, only a single copy is output by default. Using this BitSw, the device can be configured to print all copies even if a paper mismatch occurs.</p>		
bit 2	<b>Prevent SDK applications from altering the contents of a job.</b>	<b>Disabled</b>	Enabled
	<p>If this BitSw is enabled, SDK applications will not be able to alter print data. This is achieved by preventing SDK applications from accessing a module called the "GPS Filter".</p> <p>Note: The main purpose of this BitSw is for troubleshooting the effects of SDK applications on data.</p>		
bit 3	<b>[PS] PS Criteria</b>	<b>Pattern3</b>	Pattern 1
	<p>Change the number of PS criterion used by the PS interpreter to determine whether a job is PS data or not.</p>		
bit 4	<b>Increase max. number of stored jobs.</b>	<b>Disabled (100)</b>	Enabled (750)
	<p>Changes the maximum number of jobs that can be stored on the HDD. The default (disabled) is 100. If this is enabled, the max. will be raised to 750 or 1000 depending on the model.</p>		
bit 5	DFU	-	-

	bit 6	<b>Method for determining the image rotation for the edge to bind on.</b>	<b>Disabled</b>	Enabled
	<p>If enabled, the image rotation will be performed as they were in the specifications of older models for the binding of pages of mixed orientation jobs.</p> <p>The old models are below:</p> <ul style="list-style-type: none"> <li>- PCL: Pre-04A models</li> <li>- PS/PDF/RPCS:Pre-05S models</li> </ul>			
	bit 7	<b>Letterhead mode printing</b>	<b>Disabled</b>	Enabled (Duplex)
	<p>Routes all pages through the duplex unit.</p> <p>If this is disabled, simplex pages or the last page of an odd-paged duplex job, are not routed through the duplex unit. This could result in problems with letterhead/pre-printed pages.</p> <p>Only affects pages specified as Letterhead paper.</p>			

<b>1001</b>	<b>[Bit Switch]</b>			
006	Bit Switch 6 Setting		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	DFU	-	-
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	DFU	-	-
	bit 7	DFU	-	-

<b>1001</b>	<b>[Bit Switch]</b>		
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007	Bit Switch 7 Setting		0	1
		<b>Print path</b>	<b>Disabled</b>	Enabled
	bit 0	If enabled, simplex pages (in mixed simplex/duplex PS/PCL5 jobs only) and the last page of an odd paged duplex job (PS, PCL5, PCL6), are always routed through the duplex unit. Not having to switch paper paths increases the print speed slightly.		
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	DFU	-	-
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	DFU	-	-
bit 7	DFU	-	-	

1001	<b>[Bit Switch]</b>
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008	Bit Switch 8 Setting		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	<b>[PCL,PS]: Allow BW jobs to print without requiring User Code</b>	<b>Disabled</b>	Enabled (allow BW jobs to print without a user code)
	BW jobs submitted without a user code will be printed even if usercode authentication is enabled. <b>Note:</b> Color jobs will not be printed without a valid user code.			
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	<b>PCL, RPCS, PS: Forced BW print</b>	<b>Enabled</b>	Disabled
	Switches whether to ignore PDL color command.			
bit 7	<b>[PDF]: Orientation Auto Detect Fuction</b>	<b>Enabled</b>	Disabled	
Automatically chooses page orientations of PDF jobs (Landscape or Portrait) based on the content.				

<b>1001</b>	<b>[Bit Switch]</b>			
009	Bit Switch 9 Setting		0	1
	bit 0	<b>PDL Auto Detection timeout of jobs submitted via USB or Parallel Port (IEEE 1284).</b>	<b>Disabled (Immediately)</b>	Enabled (10 seconds)
	To be used if PDL auto-detection fails. A failure of PDL autodetection doesn't necessarily mean that the job can't be printed. This bit switch tells the device whether to time-out immediately (default) upon failure or to wait 10 seconds.			



bit 1	DFU	-	-
bit 2	<b>Job Cancel</b>	<b>Disabled (Not cancelled)</b>	Enabled (Cancelled)
<p>If this bit switch, all jobs will be cancelled after a jam occurs.</p> <p><b>Note:</b> If this bitsw is enabled, printing under the following conditions might result in problems:</p> <ul style="list-style-type: none"> <li>- Job submission via USB or Parallel Port</li> <li>- Spool printing (WIM &gt;Configuration &gt; Device Settings &gt; System)</li> </ul>			
bit 3	<b>PCL/PS bypass tray paper rotation (SEF/LEF)</b>	<b>Disabled</b>	Enabled
<p>This bitsw causes the device to revert to the behavior of previous generations. It only takes effect if "Bypass Tray Setting Priority" = "Driver/Command".</p> <p>Previous spec (bitsw=1): If a standard sized paper mismatch occurred in the bypass tray, the MFP always prompted for SEF paper.</p> <p>If this bitsw=0 (default) then in the event of a standard sized paper mismatch, the MFP will always prompt for paper of the rotation (SEF/LEF) determined by the MFP bypass tray paper setting or by the bypass tray sensor.</p>			
bit 4	<b>Timing of the PJI Status ReadBack (JOB END) when printing multiple collated copies.</b>	<b>Disable</b>	Enable
<p>This bitsw determines the timing of the PJI USTATUS JOB END sent when multiple collated copies are being printed.</p> <p>0 (default): JOB END is sent by the device to the client after the first copy has completed printing. This causes the page counter to be incremented after the first copy and then again at the end of the job.</p> <p>1: JOB END is sent by the device to the client after the last copy has finished printing. This causes the page counter to be incremented at the end of each job.</p>			

	bit 5	<b>Display UTF-8 text in the operation panel</b>	<b>Enabled</b>	Disabled
		<p>Enabled (=0): Text composed of UTF-8 characters can be displayed in the operation panel.</p> <p>Disabled (=1): UTF-8 characters cannot be displayed in the operation panel.</p> <p>For example, job names are sometimes stored in the MIB using UTF-8 encoded characters. When these are displayed on the operation panel, they will be garbled unless this BitSw is enabled (=0).</p>		
	bit 6	<b>Disable super option</b>	<b>Enabled</b>	Disabled
		<p>Switches super option disable on / off. If this is On, multiple jobs are grouped at LPR port. PJI settings are enabled even jobs that are specified queue names are sent.</p>		
	bit 7	<b>Enable/Disable Print from USB/SD's Preview function</b>	Enabled	<b>Disabled</b>
		<p>Determines whether Print from USB/SD will have the Preview function.</p> <p>Enabled (=0): Print from USB/SD will have the Preview function.</p> <p>Disabled (=1): Print from USB/SD will not have the Preview function.</p>		

<b>1001</b>	<b>[Bit Switch]</b>			
010	Bit Switch A Setting		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	DFU	-	-
	bit 4	DFU	-	-
	bit 5	<b>Store and Skip Errored Job locks the queue</b>	<b>Queue is not locked after SSEJ</b>	Queue locked after SSEJ
		<p>If this is 1, then after a job is stored using Store and Skip Errored Job (SSEJ), new jobs cannot be added to the queue until the stored job has been completely printed.</p>		

	bit 6	<b>Allow use of Store and Skip Errored Job if connected to an external charge device.</b>	<b>Does not allow SSEJ with ECD</b>	Allows SSEJ with ECD
		<p>If this is 0, Store and Skip Errored Job (SSEJ) will be automatically disabled if an external charge device is connected.</p> <p><b>Note:</b> We do not officially support enabling this bitsw (1). Use it at your own risk.</p>		
	bit 7	<b>Job cancels remaining pages when the paid-for pages have been printed on an external charge device</b>	<b>Job does not cancel</b>	Job cancels
		<p>When setting 1 is enabled, after printing the paid-for pages on an external charge device, the job that includes any remaining pages will be canceled.</p> <p>This setting will prevent the next user from printing the unnecessary pages from the previous user's print job.</p>		

<b>1001</b>	<b>[Bit Switch]</b>			
011	Bit Switch B Setting	0	1	
	bit 0	<b>Show Menu List</b>	<b>Hide Menu List</b>	Show Menu List
		If this is 0, the Menu List button will be removed from Printer Features.		
	bit 1	<b>Print job interruption</b>	<b>Does not allow interruption</b>	Allow interruption
		<p>0 (default): Print jobs are not interrupted. If a job is promoted to the top of the print queue, it will wait for the currently printing job to finish.</p> <p>1: If a job is promoted to the top of the queue, it will interrupt the currently printing job and start printing immediately.</p>		
	bit 2	DFU	-	-
	bit 3	DFU	-	-
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	DFU	-	-
	bit 7	DFU	-	-

<b>1001</b>	<b>[Bit Switch]</b>			
012	Bit Switch C Setting		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	DFU	-	-
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	DFU	-	-
	bit 7	DFU	-	-

<b>1003</b>	<b>[Clear Setting]</b>		
001	Initialize System	*CTL	[- / - / -] [Execute]
	Initializes settings in the "System" menu of the user mode.		
003	Delete Program	*CTL	[- / - / -] [Execute]

<b>1004</b>	<b>[Print Summary]</b>		
Prints the service summary sheet (a summary of all the controller settings).			
001	Print Summary	*CTL	[- / - / -] [Execute]
002	Print Summary2	*CTL	[- / - / -] [Execute]

<b>1005</b>	<b>[Display Version]</b>		
002	Printer Version	*CTL	[- / - / -]
	Displays the version of the controller firmware.		

<b>1006</b>	<b>[Sample/Locked Print]</b>		
002	Sample / Locked Print	*CTL	[0 or 1 / 0 / 1 /step] 0: Linked, 1: On
	Enables and disables the document server. When you select "0," the document server is enabled or disabled in accordance with Copy Service Mode SP5-967. When you select "1," the document server is enabled regardless of Copy Service Mode SP5-967.		

<b>1101</b>	<b>[Data Recall]</b>		
	Recalls a set of gamma settings. This can be either a) the factory setting, b) the previous setting, or c) the current setting.		
001	Factory	*CTL	[- / - / -] [Execute]
002	Previous	*CTL	
003	Current	*CTL	

<b>1102</b>	<b>[Resolution Setting]</b>		
	Selects the printing mode (resolution) for the printer gamma adjustment.		
001	Resolution Setting	CTL	[0 to 9 / 0 / 1/step] 0: 1200x1200 Photo (2bit/4col) 1: 1200x1200 Photo (1bit/4col) 2: 600x600 Photo (4bit/4col) 3: 600x600 Photo (2bit/4col) 4: 600x600 Photo (1bit/4col) 5: 1200x1200 Text (2bit/4col) 6: 1200x1200 Text (1bit/4col) 7: 600x600 Text (4bit/4col) 8: 600x600 Text (2bit/4col) 9: 600x600 Text (1bit/4col)

<b>1103</b>	<b>[Test Page]</b>		
	Prints the test page to check the color balance before and after the gamma adjustment.		

001	Color Gray Scale	CTL	[ - / - / - ]
002	Color Pattern	CTL	[Execute]

1104	<b>[Gamma Adjustment]</b>		
	Adjusts the printer gamma for the mode selected in the "Mode Selection" menu.		
001	Set Black: Highlight	CTL	[0 to 30 / 00 / 1/step ]
002	Set Black: Shadow	CTL	
003	Set Black: Middle	CTL	
004	Set Black: IDmax	CTL	
021	Set Cyan: Highlight	CTL	
022	Set Cyan: Shadow	CTL	
023	Set Cyan: Middle	CTL	
024	Set Cyan: IDmax	CTL	
041	Set Magenta: Highlight	CTL	
042	Set Magenta: Shadow	CTL	
043	Set Magenta: Middle	CTL	
044	Set Magenta: IDmax	CTL	
061	Set Yellow: Highlight	CTL	
062	Set Yellow: Shadow	CTL	
063	Set Yellow: Middle	CTL	
064	Set Yellow: IDmax	CTL	

1105	<b>[Save Tone Control Value]</b>		
	Stores the print gamma adjusted with the "Gamma Adj." menu item as the current setting. Before the machine stores the new "current setting", it moves the data currently stored as the "current setting" to the "previous setting" memory storage location.		
001	Save Tone Control Value	*CTL	[ - / - / - ] [Execute]

1106	<b>[Toner Limit]</b>		
	Adjusts the maximum toner amount for image development.		
001	Toner Limit Value	*CTL	[0 to 400 / 0 / 1 %/step ]

1110	<b>[Media Print Device Setting]</b>		
	Selects the setting for the media print device.		
002	0: Disable 1: Enable	*CTL	[0 or 1 / 1 / 1 / step]

1111	<b>[All Job Delete Mode]</b>		
	001	-	*CTL [ 0 or 1 / 1 / 1 / step ] 0: Excluding New Job 1: Including New Job
		Selects whether to include an image processing job in jobs subject to full cancellation from the SCS job list.	

# Scanner SP Mode

## SP1-XXX (System and Others)

2

1001	<b>[Scan Nv Version]</b>		
	Displays the scanner firmware version stored in NVRAM in a 9-digit format: Func. Name_Model Name_History No.		
005	-	*CTL	[- / - / -]
1005	<b>[Erase Margin(Remote scan)]</b>		
	Creates an erase margin for all edges of the scanned image. If the machine has scanned the edge of the original, create a margin. This SP is activated only when the machine uses TWAIN scanning.		
001	Range from 0 to 5 mm	*CTL	[0 to 5 / 0 / 1 mm / step]
1009	<b>[Remote scan disable]</b>		
001	-	*CTL	[0 or 1 / 0 / 1 / step] 0: Enable 1: Disable
	This SP switches the TWAIN scanner function on/off. This is one of the scanner application functions.		
1010	<b>[Non Display Clear Light PDF]</b>		
001	-	*CTL	[0 or 1 / 0 / 1 / step] 0: Display, 1: No display
	Display or Non display remote scan.		
1011	<b>[Org Count Display]</b>		



001	-	*CTL	[0 or 1 / 0 / 1 / step] 0: ON (count displays) 1: OFF (no display)
	This SP codes switches the original count display on/off.		

<b>1012</b>	<b>[User Info Release]</b>		
001	-	*CTL	[0 or 1 / 1 / 1 / step] 1: No 0: Yes
	This SP code sets the machine to release or not release the following items at job end. <ul style="list-style-type: none"> <li>• Destination (E-mail/Folder/CS)</li> <li>• Sender name</li> <li>• Mail Text</li> <li>• Subject line</li> <li>• File name</li> </ul>		

<b>1013</b>	<b>[Scan to Media Device Setting]</b>		
001	-	*CTL	[0 or 1 / 1 / 1 / step] 0: OFF 1: ON
	This SP code enables/disables the multi-media function option (USB 2.0/SD Slot) mounted on the front of the machine. Operators can scan documents to either an SD card or a USB memory device inserted into this unit. This SP must be enabled (set to "1") in order for the device to function.		

<b>1014</b>	<b>[Scan to Folder Pass Input Set]</b>		
001	-	*CTL	[0 or 1 / 0 / 1 / step] 0: OFF 1: ON
	Enables / Disables to input password for Scan To Folder.		

<b>1041</b>	<b>[Scan:FlairAPI Setting]</b>		
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	0x00 – 0xff	*CTL	* see BitSwitch below:		
001	Sets Scanner FlairAPI Function enable / disable. This SP is set by BitSwitch and needs to reboot the machine after making changes.				
bit	Setting	meanings		Description	
		0	1		
bit 0	Start of FlairAPI Server	<b>Off (Do not Start)</b>	On (Start)	Sets whether to start exclusive FlairAPI http server. If it is 0, scanning FlairAPI function and simple UI function will be disabled. The machine installed Android operating panel option, set "1", others set "0".	
bit 1	Access permission of FlairAPI from outside of the machine	<b>Disabled</b>	Enabled	If it is "0", accessing is limited from the machine only, such as operating panel, SDK/J, MFP browsers etc... If it is "1", accessing is allowed from outside of FlairAPI such as PC, Remote UI, IT-Box etc...	
bit 2	Reserved	-	-	-	
bit 3	Reserved	-	-	-	
bit 4	Simple UI Function	<b>Disabled</b>	Enabled	If it is "1", the machine can be used Scanner Simple UI. If it is "0", requesting URL of Simple UI returns "404 Not Found"	
bit 5	Accessing permission of Simple UI from outside of the machine	<b>Disabled</b>	Enabled	If it is "0", accessing is limited from the machine only (operating panel and MFP browser). If it is "1", accessing is allowed from outside of Simple UI such as PC, mobile devices, and so on.	
bit 6	Reserved	-	-	-	
bit 7	Reserved	-	-	-	

## SP2-XXX (Scanning-image quality)

2021	<b>[Compression Level (Gray-scale)]</b>		
	Selects the compression ratio for grayscale processing mode (JPEG) for the five settings that can be selected at the operation panel.		
001	Comp1:5-95	*CTL	[5 to 95 / <b>20</b> / 1 / step]
002	Comp2:5-95	*CTL	[5 to 95 / <b>40</b> / 1 / step]
003	Comp3:5-95	*CTL	[5 to 95 / <b>65</b> / 1 / step]
004	Comp4:5-95	*CTL	[5 to 95 / <b>80</b> / 1 / step]
005	Comp5:5-95	*CTL	[5 to 95 / <b>95</b> / 1 / step]

2024	<b>[Compression ratio of ClearLight PDF]</b>		
	Selects the compression ratio for clearlight PDF for the two settings that can be selected at the operation panel.		
001	Compression Ratio (Normal)	*CTL	[5 to 95 / <b>25</b> / 1 / step]
002	Compression Ratio (High)	*CTL	[5 to 95 / <b>20</b> / 1 / step]

2025	<b>[Compression ratio of ClearLightPDF JPEG2000]</b>		
	Selects the compression ratio for clearlight PDF for the two settings that can be selected at the operation panel.		
001	Compression Ratio (Normal) JPEG2000	*CTL	[5 to 95 / <b>25</b> / 1 / step]
002	Compression Ratio (High) JPEG2000	*CTL	[5 to 95 / <b>20</b> / 1 / step]

2030	<b>[OCR PDF DetectSens]</b>		
	001	White Lumi Value: 0 - 255	*CTL [0 to 255 / <b>250</b> / 1 / step]
	002	White Pix Ratio: 0 - 100	*CTL [0 to 100 / <b>80</b> / 1 / step]
	003	White Tile Ratio: 0 - 100	*CTL [0 to 100 / <b>80</b> / 1 / step]

9001	[BitSwitch]		
	Sets module debug output mode.		
001	cmm	*CTL	[0 to 255 / 0 / by a factor of two]
002	jcm	*CTL	[0 to 255 / 0 / by a factor of two]
003	ucm	*CTL	[0 to 255 / 0 / by a factor of two]
004	rsp	*CTL	[0 to 255 / 0 / by a factor of two]
005	rsp2	*CTL	[0 to 255 / 0 / by a factor of two]
006	nas	*CTL	[0 to 255 / 0 / by a factor of two]
007	miw	*CTL	[0 to 255 / 0 / by a factor of two]
008	mib	*CTL	[0 to 255 / 0 / by a factor of two]
009	itm	*CTL	[0 to 255 / 0 / by a factor of two]

# 3. Input and Output Check

## Input Check Table

5803	[INPUT Check]		
001	Registration Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on register sensor position. (0: paper exist, 1: paper non exist)		
002	Paper Feed Sensor 1	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on 1st paper feed sensor position. (0: paper exist, 1: paper non exist)		
003	Transport Sensor 1	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on 1st carry sensor position. (0: paper exist, 1: paper non exist)		
004	Paper Feed Sensor 2	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on 2nd paper feed sensor position. (0: paper exist, 1: paper non exist)		
005	Transport Sensor 2	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on 2nd carry sensor position. (0: paper exist, 1: paper non exist)		

006	Fusing Entrance Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on fusing entrance sensor position. (0: paper exist, 1: paper non exist)		
007	Fusing Exit Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on fusing exit sensor position. (0: paper exist, 1: paper non exist)		
008	Paper Exit Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on paper exit sensor position. (0: paper exist, 1: paper non exist)		
009	Inverter Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on reverse sensor position. (0: paper exist, 1: paper non exist)		
010	Duplex Exit Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on duplex exit sensor position. (0: paper exist, 1: paper non exist)		
011	Duplex Entrance Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on duplex entrance sensor position. (0: paper exist, 1: paper non exist)		

012	Tray Full Exit Sensor	ENG	[0 or 1 / 0 / 1/step] 0: Not full 1: full
	Detects paper full of main unit paper exit tray. (0: Not full, 1: full)		
013	Tray 1: Paper Height Sensor	ENG	[0 to 3 / 0 / 1/step] When full is 100%, 11: 71 to 100% 01: 31 to 70% 00: 11 to 30% 10: 1 to 10%
	Detects remaining paper amount of 1st paper feed tray. (When full is 100%, 11: 71 to 100%, 01: 31 to 70%, 00: 11 to 30%, 10: 1 to 10%) *Check SP5-803-015 for paper end.		
014	Tray 1: Upper Limit Sensor	ENG	[0 or 1 / 0 / 1/step] 0: less then limit 1: high then limit
	Detects the hight of paper loaded in 1st paper feed tray. (0: less then limit, 1: high then limit)		
015	Tray 1: Paper End Detection	ENG	[0 or 1 / 0 / 1/step] 0: No paper 1: paper remaining
	Detects paper is running out on 1st paper feed tray. (0: No paper, 1: paper remaining)		
016	Tray 1: Set Sensor	ENG	[0 or 1 / 0 / 1/step] 0: set 1: not set
	Detects that 1st paper feed tray is set to main unit. (0: set, 1: not set)		

017	Tray 2: Paper Height Sensor	ENG	[0 to 3 / 0 / 1/step] When full is 100%, 11: 71 to 100% 01: 31 to 70% 00: 11 to 30% 10: 1 to 10%
	Detects remaining paper amount of 2nd paper feed tray. (When full is 100%, 11: 71 to 100%, 01: 31 to 70%, 00: 11 to 30%, 10: 1 to 10%) *Check SP5-803-019 for paper end.		
018	Tray 2: Paper End Sensor	ENG	[0 or 1 / 0 / 1/step] 0: less then limit 1: high then limit
	Detects the hight of paper loaded in 2nd paper feed tray. (0: less then limit, 1: high then limit)		
019	Tray 2: Paper End Detection	ENG	[0 or 1 / 0 / 1/step] 0: No paper 1: paper remaining
	Detects paper running out of 2nd paper feed tray. (0: No paper, 1: paper remaining)		
020	Tray 2: Set Sensor	ENG	[0 or 1 / 0 / 1/step] 0: set 1: not set
	Detects that 2nd paper feed tray is set to main unit. (0: set, 1: not set)		
021	Tray 2: Size Sensor	ENG	[0 to 15 / 0 / 1/step]
	Value changes depending on paper size (fence position) set to 2nd paper feed tray.		



022	By-pass: Paper End Sensor	ENG	[0 or 1 / 0 / 1/step] 0: No paper 1: paper remaining
	Detects paper is running out on bypass tray. (0: No paper, 1: paper remaining)		
023	By-pass: Main Scan Length Sensor	ENG	[0 to 31 / 0 / 1/step]
	Value changes depending on main scan direction of paper set to bypass tray.		
024	By-pass: Sub Scan Length Sensor	ENG	[0 or 1 / 0 / 1/step]
	Value changes depending on sub scan direction of paper set to bypass tray.		
025	Interlock Release Detection	ENG	[0 to 1 / 0 / 1/step] 00: Unlocked 11: Locked
	Detects open/close of interlock switch (front cover/right cover). (00: Unlocked, 11: Locked)		
026	Right Door Open/Close Sensor	ENG	[0 or 1 / 0 / 1/step] 0: close 1: open
	Detects right door status. (0: close, 1: open)		
027	Duplex Guide Plate Open/Close Sensor	ENG	[0 or 1 / 0 / 1/step] 0: close 1: open
	Detects duplex guide plate status. (0: close, 1: open)		

028	PTR Open/Close Sensor	ENG	[0 or 1 / 0 / 1/step] 0: open 1: close
	Detects paper transfer unit status. (0: open, 1: close)		
029	ITB Contact Sensor	ENG	[0 or 1 / 0 / 1/step] 0: Abutting 1: Alienate
	Detects image transfer roller (Y, M, C) and photoreceptors distance. (0: Abutting, 1: Alienate)		
030	PTR Contact Sensor	ENG	[0 or 1 / 0 / 1/step] 0: Abutting 1: Alienate
	Detects image transfer belt and paper transfer rollers distance. (0: Abutting, 1: Alienate)		
031	New ITB Unit Detection	ENG	[0 or 1 / 0 / 1/step]
	Not available with C1		
032	Toner Collection Full Sensor	ENG	[0 or 1 / 0 / 1/step] 0: Not full 1: full
	Detects full of waste toner bottle. (0: Not full, 1: full)		
033	Toner Collection Bottle Set Sensor	ENG	[0 or 1 / 0 / 1/step] 0: set 1: not set
	Detects that waste toner bottle is set to main unit. (0: set, 1: not set)		

034	Toner End Sensor:Y	ENG	[0 or 1 / 0 / 1/step] 0: End 1: Not End
	Detects remaining toner amount. * Power with SP5-804-173 before checking. (0: End, 1: Not End)		
035	Toner End Sensor:M	ENG	[0 or 1 / 0 / 1/step] 0: End 1: Not End
	Detects remaining toner amount. * Power with SP5-804-173 before checking. (0: End, 1: Not End)		
036	Toner End Sensor:C	ENG	[0 or 1 / 0 / 1/step] 0: End 1: Not End
	Detects remaining toner amount. * Power with SP5-804-173 before checking. (0: End, 1: Not End)		
037	Toner End Sensor:K	ENG	[0 or 1 / 0 / 1/step] 0: End 1: Not End
	Detects remaining toner amount. * Power with SP5-804-172 before checking. (0: End, 1: Not End)		
038	Fusing:Area Detection	ENG	[0 to 15 / 0 / 1/step] 0111:200V system 1011:100V System
	Detects region of fusing unit. (0111: 200V system, 1011: 100V System)		

039	Fusing:New Unit Detection	ENG	[0 or 1 / 0 / 1/step] 0: New 1: Old
	Detects New/Old of fusing unit. (0: New, 1: Old)		
040	Fusing Temp Detect	ENG	[0 or 1 / 0 / 1/step] 0: Normal 1: High temperature
	Detects whether high temperature is detected from fusing unit. (0: Normal, 1: High temperature)		
041	Fusing Temp Detect 2	ENG	[0 or 1 / 0 / 1/step] 0: Normal 1: High temperature
	Detects whether high temperature is detected from fusing unit. (0: Normal, 1: High temperature)		
042	NC Sensor Temp Detection: 1	ENG	[0 or 1 / 0 / 1/step] 0: Normal 1: High temperature
	Detects whether high temperature is detected from fusing unit. (0: Normal, 1: High temperature)		
045	Drum Phase Sensor: K	ENG	[0 or 1 / 0 / 1/step]
	Not available with C1		
046	Drum Phase Sensor: FC	ENG	[0 or 1 / 0 / 1/step]
	Not available with C1		
047	Nip Pres. Release Home Position Sensor	ENG	[0 or 1 / 0 / 1/step] 0: Not pressured 1: pressured
	Detects state of fusing nip pressure. (0: Not pressured, 1: pressured)		

048	Fusing Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of fusing exhaust heat fan. (0: Running, 1: Stopped, or locked)		
049	Dev Fan: Right: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of developer air intake fan (right). (0: Running, 1: Stopped, or locked)		
050	Dev Fan: Left: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of developer air intake fan (left). (0: Running, 1: Stopped, or locked)		
051	PSU Cooling Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of PSU cooling fan. (0: Running, 1: Stopped, or locked)		
052	Ozone Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of ozone exhaust air fan. (0: Running, 1: Stopped, or locked)		
054	PSU Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of PSU exhaust heat fan. (0: Running, 1: Stopped, or locked)		

055	PCB Box Cooling Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of electric box cooling fan. (0: Running, 1: Stopped, or locked)		
056	Drive Cooling Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of drive cooling fan. (0: Running, 1: Stopped, or locked)		
057	Ventilation Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of main unit exhaust heat fan. (0: Running, 1: Stopped, or locked)		
058	Paper Exit Cooling Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of paper exit cooling fan. (0: Running, 1: Stopped, or locked)		
060	Toner Supply Cooling Fan: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of toner supply cooling fan. (0: Running, 1: Stopped, or locked)		
061	Development Motor K: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of developer motor (K). (0: Running, 1: Stopped, or locked)		

063	Development Motor FC: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of developer motor (FC). (0: Running, 1: Stopped, or locked)		
064	Drum Motor FC: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of drum motor (FC). (0: Running, 1: Stopped, or locked)		
065	Fusing Motor: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of fusing motor. (0: Running, 1: Stopped, or locked)		
066	Transfer Drum Motor K: Lock	ENG	[0 or 1 / 0 / 1/step] 0: Running 1: Stopped, or locked
	Detects locking of transfer drum motor K. (0: Running, 1: Stopped, or locked)		
067	PP:D:SC Detection	ENG	[0 or 1 / 0 / 1/step] 0: SC detected 1: Normal
	Detects SC of HVP (secession). (0: SC detected, 1: Normal)		
068	PP:CB:SC Detection	ENG	[0 or 1 / 0 / 1/step] 0: SC detected 1: Normal
	Detects SC of HVP (electrify/develop). (0: SC detected, 1: Normal)		

069	PP:TTS:SC Detection	ENG	[0 or 1 / 0 / 1/step] 0: SC detected 1: Normal
	Detects SC of HVP (transfer). (0: SC detected, 1: Normal)		
072	Key Counter: Set 1	ENG	[0 or 1 / 0 / 1/step] 0: set 1:unset key counter: set 1=0, 2=1 for set, others for unset
	Detects setting of key counter. (0: set, 1:unset) (key counter: set 1=0, 2=1 for set, others for unset)		
073	Key Counter: Set 2	ENG	[0 or 1 / 0 / 1/step] 0: set 1:unset key counter: set 1=0, 2=1 for set, others for unset
	Detects setting of key counter. (0: unset, 1:set) (key counter: set 1=0, 2=1 for set, others for unset)		
074	Key Card Set	ENG	[0 or 1 / 0 / 1/step] 0: set 1: not set
	Detects that key card is set to main unit. (0: set, 1:not set)		
075	1 Bin Tray: Paper Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Detects that paper is left upon the tray. (0: paper exist, 1: paper non exist)		



076	1 Bin Tray: Set Detection System	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Detects that tray is set to main unit. (0: set, 1: not set)		
077	Left Exit Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper exist 1: paper non exist
	Responds to paper existence on carry sensor position or bridge unit. (0: paper exist, 1: paper non exist)		
078	Upper Exit Sensor	ENG	[0 or 1 / 0 / 1/step] 0: Paper exist 1: Paper do not exist
	Responds to paper existence on paper exit sensor position or bridge unit. (0: paper exist, 1: paper non exist)		
079	Left Exit Tray Set Detection System	ENG	[0 or 1 / 0 / 1/step] 10: set 11: not set
	Detects that bridge unit is set to main unit. (10: set, 11: not set)		
080	24VS1 Open Detection System	ENG	[0 or 1 / 0 / 1/step] 0: broke 1: continued
	Detects continuity (whether a harness is broken or short circuited) of 24VS1 line on IOB circuit board. (0: broke, 1: continued)		

081	24VS2 Open Detection System	ENG	[0 or 1 / 0 / 1/step] 0: broke 1: continued
	Detects continuity (whether a harness is broken or short circuited) of 24VS2 line on IOB circuit board. (0: broke, 1: continued)		
082	Left Exit Cover Sensor	ENG	[0 or 1 / 0 / 1/step] 0: close 1: open
	Detects open/close of the left carry cover open/close sensor (left paper exit tray) and the relay carry cover open/close sensor (bridge unit). (0: close, 1: open)		
083	Upper Exit Cover Sensor	ENG	[0 or 1 / 0 / 1/step] 0: close 1: open
	Detects open/close of the upper carry cover open/close sensor (left paper exit tray) and the relay paper exit cover open/close sensor (bridge unit). (0: close, 1: open)		
084	Shift Tray: Set Detection System	ENG	[0 or 1 / 0 / 1/step] 01: set 11: not set
	Detects that shift tray is set to main unit. (01: set, 11: not set)		
085	Shift Tray: Position Sensor 1	ENG	[0 or 1 / 0 / 1/step] 0: Stop on this side. during moving towards inner 1: Stop on inner side. during moving towards this side
	Detects shift tray position. (0: Stop on this side. during moving towards inner, 1: Stop on inner side. during moving towards this side)		

086	Shift Tray: Position Sensor 2	ENG	[0 or 1 / <b>0</b> / 1/step]
	* It its a backup sensor with this machine, so "1" is always displayed)		
087	SI Bypass SF Paper Contact Sensor: Front	ENG	[0.000 to 3.300 / <b>0.000</b> / 0.001V]
	Detects side fence position of one action bypass in analog value, and displays sensor output value.		
088	SI Bypass SF Paper Contact Sensor: Rear	ENG	[0.000 to 3.300 / <b>0.000</b> / 0.001V]
	Detects side fence position of one action bypass in analog value, and displays sensor output value.		
089	SI Bypass SF Position Sensor	ENG	[88 to 325 / <b>88</b> / 1/step]
	Displays output value for side fence position sensor of one action bypass.		
090	PCU Lubricant End Sensor:Y	ENG	[0 or 1 / <b>0</b> / 1/step]
	Not available with C 1		
091	PCU Lubricant End Sensor:M	ENG	[0 or 1 / <b>0</b> / 1/step]
	Not available with C 1		
092	PCU Lubricant End Sensor:C	ENG	[0 or 1 / <b>0</b> / 1/step]
	Not available with C 1		
093	PCU Lubricant End Sensor:K	ENG	[0 or 1 / <b>0</b> / 1/step] 0: Not end 1: End
	Detects whether lubricant of PCU(K) is end or not. (0: Not end, 1: End) * Only available with c/d/e models.		
094	GAVD Open/Close Detection	ENG	[0 or 1 / <b>0</b> / 1/step]
	For checking door open/close during process. No need to operate.		

095	Left Exit Tray 24V Fuse Detection	ENG	[0 or 1 / 0 / 1/step] 0: Not cut 1: Cut
	Detects state of 24V fuse on the bridge unit. (0: Not cut, 1: Cut)		
096	Left Exit Tray 5V Fuse Detection	ENG	[0 or 1 / 0 / 1/step] 0: Not cut 1: Cut
	Detects state of 5V fuse on the bridge unit. (0: Not cut, 1: Cut)		
097	Fusing Shading Plate Sensor /1	ENG	[0 or 1 / 0 / 1/step] 0: Not shading 1: shading
	Detects position of fusing shade plate. (0: Not shading 1: shading)		
098	Fusing Shading Plate Sensor /2	ENG	[0 or 1 / 0 / 1/step] 0: Not shading 1: shading
	Detects position of fusing shade plate. (0: Not shading 1: shading)		
200	HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Tests the scanner HP sensor.		
201	Platen Cover Sensor	ENG	[0 or 1 / 0 / 1/step]
	Tests the book open/close sensor.		
202	SI Bypass Side Fence Position Sensor-	ENG	[0.000 to 3.300 / 0.000 / 0.001V/step]
	Displays output for side fence position sensor of one action bypass.		
5803	<b>[INPUT Check]</b>		
	Gets information of specified sensor.		

211	Bank: Tray3: Feed Sensor	ENG	[0 or 1 / 0 / 1/step] 0: paper not detected 1: paper detected.
212	Bank: Tray4: Feed Sensor	ENG	
213	Bank: Tray5: Feed Sensor	ENG	
214	Bank: Tray3: Transport Sensor	ENG	
215	Bank: Tray4: Transport Sensor	ENG	
216	Bank: Tray5: Transport Sensor	ENG	
217	Bank: Feed Cover Open Detection 1	ENG	[0 or 1 / 0 / 1/step] 0: cover open 1: cover closed
218	Bank: Feed Cover Open Detection 2	ENG	
219	LCT Paper Supply Open/Close	ENG	
220	LCT Slide Open/Close	ENG	[0 or 1 / 0 / 1/step] 0: slide open 1: slide closed

6007	<b>[ADF INPUT Check]</b>		
	Gets sensor information from ADF. Displays signal level of sensor as it is.		
001	Original Length 1 (B5 Detection Sensor)	ENG	[0 or 1 / 0 / 1/step]
002	Original Length 2 (A4 Detection Sensor)	ENG	[0 or 1 / 0 / 1/step]
003	Original Length 3 (LG Detection Sensor)	ENG	[0 or 1 / 0 / 1/step]
004	Original Width 1	ENG	[0 or 1 / 0 / 1/step]
005	Original Width 2	ENG	[0 or 1 / 0 / 1/step]
006	Original Width 3	ENG	[0 or 1 / 0 / 1/step]
007	Original Width 4	ENG	[0 or 1 / 0 / 1/step]
008	Original Width 5	ENG	[0 or 1 / 0 / 1/step]

009	Original Detection	ENG	[0 or 1 / 0 / 1/step]
011	Skew Correction	ENG	[0 or 1 / 0 / 1/step]
013	Registration Sensor	ENG	[0 or 1 / 0 / 1/step]
014	Exit Sensor	ENG	[0 or 1 / 0 / 1/step]
015	Feed Cover Sensor	ENG	[0 or 1 / 0 / 1/step]
016	Lift Up Sensor	ENG	[0 or 1 / 0 / 1/step]
023	Rear Edge Detection	ENG	[0 or 1 / 0 / 1/step]

6011	<b>[1-Pass ADF INPUT Check]</b>		
	For Single-Pass simultaneous duplex models only.		
001	Original Length 1 (B5 Sensor)	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
002	Original Length 2 (A4 Sensor)	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
003	Original Length 3 (LG Sensor)	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
004	Original Width 1	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
005	Original Width 2	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
006	Original Width 3	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
007	Original Width 4	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
008	Original Width 5	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		

009	Original Detection	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when original is set.		
010	Separation Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
011	Skew Correction	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
012	Scan Entrance Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
013	Registration Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
014	Exit Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		
015	Feed Cover Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when cover is open.		
016	Lift Up Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when lift up.		
018	Pick-Up Roller HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when pick up roller is not in home position.		
021	Bottom Plate HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when bottom plate is not in home position.		
022	Bottom Plate Position Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when pick up roller is not in the correct position.		
023	Original Length 4 (LT/A4 Tail Sensor)	ENG	[0 or 1 / 0 / 1/step]
	Gets sensor information from ADF. Gives 1 when there is a paper at sensor area.		

6123	[INPUT Check: 2K/3K FIN]		
001	Entrance Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
002	Horizontal Transport Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
003	Switchback Transport Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
004	Proof Tray Exit Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
005	Shift Tray Exit Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
006	Booklet Stapler Exit Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
007	Paper Exit Open/Close Guide HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
008	Punch HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
009	Punch Move HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
010	S-to-S Registration Detection HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
011	Lower Junction Solenoid HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		



012	Jogger HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
013	Positioning Roller HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
014	Feed-out HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
015	Stapler Moving HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
016	Booklet Stapler HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
017	Booklet Jogger HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
018	Booklet Jog Solenoid HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
019	Booklet Standard Fence HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
020	Booklet Stapler HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
022	Folder Blade Cam HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
023	Folder Blade HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
024	Shift Roller HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		

025	Shift Jogger HP Sensor: Front	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
026	Shift Jogger HP Sensor: Rear	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
027	Shift Jogger Retraction HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
028	Drag Roller Vibrating HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
029	LE Guide HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
030	TE Stack Plate HP Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
031	Staple Tray Paper Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
032	ITB Paper Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
033	Booklet Stapler Transport Paper Sn: Upper	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
034	Booklet Stapler Transport Paper Sn: Lower	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
035	Paper Height Sensor: Shift	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		

036	Corner Stapler Paper Height Sensor 1	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
037	Corner Stapler Paper Height Sensor 2	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
038	Proof Tray Full Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
039	Booklet Stapler Full Sensor 1	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
040	Booklet Stapler Full Sensor 2	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
041	S-to-S Registration Detection Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
042	Punch RPS Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
043	Corner Stapler Leading Edge Detection Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
044	Corner Stapler Staple End Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
045	Booklet Stapler Staple End Sensor: Front	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
046	Booklet Stapler Staple End Sensor: Rear	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		

047	Shift Tray Lower Limit Sensor 1	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
048	Shift Tray Lower Limit Sensor 2	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
049	Shift Tray Lower Limit Sensor 3	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
050	Shift Tray Lower Limit Sensor 4	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
051	Shift Tray Lower Limit Sensor 5	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
052	Punch Chad Full Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified sensor. Displays signal level of sensor as it is.		
053	Punch Set Detection	ENG	[0 or 1 / 0 / 1/step] 0: connected 1: not connected
	Gets connection status of punch unit.		
054	Shift Jogger Set Detection	ENG	[0 or 1 / 0 / 1/step] 0: connected 1: not connected
	Gets connection status of setting jogger unit. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
055	Booklet Stapler Set Detection	ENG	[0 or 1 / 0 / 1/step] 0: not connected 1: connected
	Gets connection status of saddle stitch unit.		
056	Front Door SW	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified switch. Displays signal level of switch as it is.		

057	Dynamic Roller Open/Close Guide Plate Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified switch. Displays signal level of switch as it is.		
058	Tray Upper Limit SW	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified switch. Displays signal level of switch as it is.		
059	Paper Exit Open/Close Guide Plate Limit SW	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified switch. Displays signal level of switch as it is.		
060	Punch Selection DIPSW 1	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified switch. Displays signal level of switch as it is.		
061	Punch Selection DIPSW 2	ENG	[0 or 1 / 0 / 1/step]
	Gets information of specified switch. Displays signal level of switch as it is.		

6135	<b>[INPUT Check: FrontFIN]</b>		
	Gets information of specified sensor. Displays signal level of sensor as it is.		
001	Entrance Sensor	*ENG	[0 or 1 / 0 / 1/step]
002	Carry Sensor	*ENG	[0 or 1 / 0 / 1/step]
003	Exit Sensor	*ENG	[0 or 1 / 0 / 1/step]
004	Staple Tray Paper Sensor	*ENG	[0 or 1 / 0 / 1/step]
005	Front Jogger HP Sensor	*ENG	[0 or 1 / 0 / 1/step]
006	Rear Jogger HP Sensor	*ENG	[0 or 1 / 0 / 1/step]
007	Sft Roller HP Sensor	*ENG	[0 or 1 / 0 / 1/step]
008	Hitroll HP Sensor	*ENG	[0 or 1 / 0 / 1/step]
009	Ext Guide Plate HP Sensor	*ENG	[0 or 1 / 0 / 1/step]
010	Staple Moving HP Sensor	ENG	[0 or 1 / 0 / 1/step]
011	Shift Tray Paper Sensor	ENG	[0 or 1 / 0 / 1/step]
012	Shift Tray Limit Sensor	ENG	[0 or 1 / 0 / 1/step]

013	Staple Rotation Sensor	ENG	[0 or 1 / 0 / 1/step]
014	Staple Near End Sensor	ENG	[0 or 1 / 0 / 1/step]
015	Self Priming Sensor	ENG	[0 or 1 / 0 / 1/step]
016	Stopper HP Sensor	ENG	[0 or 1 / 0 / 1/step]
017	Punch HP Sensor	ENG	[0 or 1 / 0 / 1/step]
018	Punch Pluse Count Sensor	ENG	[0 or 1 / 0 / 1/step]
019	Punch Chad Full Sensor	ENG	[0 or 1 / 0 / 1/step]
020	Punch Moving HP Sensor	ENG	[0 or 1 / 0 / 1/step]
021	Punch Registration Detection HP Sensor	ENG	[0 or 1 / 0 / 1/step]
022	Punch Registration Detection Sensor	ENG	[0 or 1 / 0 / 1/step]
<b>6135</b>	<b>[INPUT Check: FrontFIN]</b>		
	Gets information of specified switch. Displays signal level of switch as it is.		
023	Slide Door SW	ENG	[0 or 1 / 0 / 1/step]
024	Shift Tray Upper Limit SW	ENG	[0 or 1 / 0 / 1/step]

<b>6161</b>	<b>[FIN (1K FIN) INPUT Check]</b>		
	Gets information of specified sensor. Displays signal level of sensor as it is.		
001	Entrance Sensor	ENG	[0 or 1 / 0 / 1/step]
002	Upper Cover Open/Close Sensor	ENG	[0 or 1 / 0 / 1/step]
003	Proof Tray Exit Sensor	ENG	[0 or 1 / 0 / 1/step]
004	Proof Tray Full Sensor	ENG	[0 or 1 / 0 / 1/step]
005	Shift HP Sensor	ENG	[0 or 1 / 0 / 1/step]
006	Exit Guide Plate Open/Close HP Sensor	ENG	[0 or 1 / 0 / 1/step]
007	Shift Paper Exit (Lift Tray Exit) Sensor	ENG	[0 or 1 / 0 / 1/step]

008	Positioning Roller HP Sensor	ENG	[0 or 1 / 0 / 1/step]
009	Lift Tray Paper Sensor	ENG	[0 or 1 / 0 / 1/step]
010	Jogger HP Sensor	ENG	[0 or 1 / 0 / 1/step]
011	Feed Out HP Sensor	ENG	[0 or 1 / 0 / 1/step]
012	Lift Tray Lower Limit Sensor (Upper)	ENG	[0 or 1 / 0 / 1/step]
013	Lift Tray Lower Limit Sensor (Lower)	ENG	[0 or 1 / 0 / 1/step]
014	Staple Tray Paper Sensor	ENG	[0 or 1 / 0 / 1/step]
015	Stapler Moving HP Sensor	ENG	[0 or 1 / 0 / 1/step]
016	Near End Sensor (Common: Corner/Bklt Stplr)	ENG	[0 or 1 / 0 / 1/step]
017	Self Priming Sensor (Common:Crrr/Bklt Stplr)	ENG	[0 or 1 / 0 / 1/step]
018	Driver HP Sensor (Corner/Booklet Stapler)	ENG	[0 or 1 / 0 / 1/step]
019	Driver Timing Sensor(Corner/Booklet Stapler)	ENG	[0 or 1 / 0 / 1/step]
020	Clincher HP Sensor (Corner/Booklet Stapler)	ENG	[0 or 1 / 0 / 1/step]
021	Clincher Timing Sensor (Corner/Bklt Stapler)	ENG	[0 or 1 / 0 / 1/step]
022	Stapler Retraction Sensor	ENG	[0 or 1 / 0 / 1/step]
023	Punch HP Sensor	ENG	[0 or 1 / 0 / 1/step]
024	Punch RP Sensor	ENG	[0 or 1 / 0 / 1/step]
025	Punch Hopper Full Sensor	ENG	[0 or 1 / 0 / 1/step]
026	Punch Move HP Sensor	ENG	[0 or 1 / 0 / 1/step]
027	S-to-S Registration Detection HP Sensor	ENG	[0 or 1 / 0 / 1/step]

028	S-to-S Registration Detection Sensor	ENG	[0 or 1 / 0 / 1/step]
6161	<b>[FIN (1K FIN) INPUT Check]</b>		
	Gets information of specified switch. Displays signal level of switch as it is.		
029	Punch Selection DIPSW 1	ENG	[0 or 1 / 0 / 1/step]
030	Punch Selection DIPSW 2	ENG	[0 or 1 / 0 / 1/step]
6161	<b>[FIN (1K FIN) INPUT Check]</b>		
	Gets information of specified sensor. Displays signal level of sensor as it is.		
031	ITB Transport Sensor: Right	ENG	[0 or 1 / 0 / 1/step]
032	ITB Transport Sensor: Left	ENG	[0 or 1 / 0 / 1/step]
033	Stack Transport Sensor	ENG	[0 or 1 / 0 / 1/step]
034	Stack Trans Upper Pressure Release HP Sensor	ENG	[0 or 1 / 0 / 1/step]
035	Stack Trans Lower Pressure Release HP Sensor	ENG	[0 or 1 / 0 / 1/step]
036	Fold Blade HP Sensor	ENG	[0 or 1 / 0 / 1/step]
037	Fold Cam HP Sensor	ENG	[0 or 1 / 0 / 1/step]
038	TE Stopper Transport Sensor	ENG	[0 or 1 / 0 / 1/step]
039	TE Stopper HP Sensor	ENG	[0 or 1 / 0 / 1/step]
040	Booklet Folder Exit Sensor	ENG	[0 or 1 / 0 / 1/step]
041	Booklet Folder Tray Full Sensor: Upper	ENG	[0 or 1 / 0 / 1/step]
042	Booklet Folder Tray Full Sensor: Lower	ENG	[0 or 1 / 0 / 1/step]
6161	<b>[FIN (1K FIN) INPUT Check]</b>		
	Gets information of specified switch. Displays signal level of switch as it is.		
043	Door Open/Close SW	ENG	[0 or 1 / 0 / 1/step]
044	Lift Tray Upper Limit SW	ENG	[0 or 1 / 0 / 1/step]



<b>6170</b>	<b>[Bridge: INPUT Check]</b>		
001	Bridge Exit Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information from sensor (relay paper exit sensor... internal paper exit part) of bridge unit.		
002	Bridge Relay Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets information from sensor (relay carry sensor... relay carry to finisher) of bridge unit.		
003	Bridge Set Detection	ENG	[0 or 1 / 0 / 1/step]
	Gets connection information of bridge unit and main unit. When connected, 1.		
004	Bridge Exit Cover	ENG	[0 or 1 / 0 / 1/step]
	Gets micro SW information of bridge unit. When cover open, 1. Main unit paper exit cover.		
005	Bridge Relay Cover	ENG	[0 or 1 / 0 / 1/step]
	Gets micro SW information of bridge unit. When cover open, 1. Finisher side cover.		

<b>6172</b>	<b>[Shift Tray: INPUT Check]</b>		
001	Shift Tray Set Detection	ENG	[0 or 1 / 0 / 1/step]
	Gets connection information of shift tray and main unit. When connected, 1.		
002	Shift Tray Position Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets shift tray position sensor information.		

<b>6174</b>	<b>[1 Bin: INPUT Check]</b>		
001	1 Bin Set Detection	ENG	[0 or 1 / 0 / 1/step]
	Gets connection information of 1 bin and main unit. When connected, 1.		
002	1 bin Paper Detection Sensor	ENG	[0 or 1 / 0 / 1/step]
	Gets paper existence sensor information from 1 bin.		

<b>6184</b>	<b>[NonStplBindFIN: INPUT Check]</b>		

001	Entrance Sensor	ENG	[0 to 1 / 0 / 0/step]
002	Exit Sensor	ENG	[0 to 1 / 0 / 0/step]
003	Horizontal Registration Detection Sensor	ENG	[0 to 1 / 0 / 0/step]
004	Shift HP Sensor	ENG	[0 to 1 / 0 / 0/step]
005	Junction Solenoid HP Sensor	ENG	[0 to 1 / 0 / 0/step]
006	Exit Pressure Release HP Sensor	ENG	[0 to 1 / 0 / 0/step]
007	Stapler HP Sensor	ENG	[0 to 1 / 0 / 0/step]
008	Tray Full Detection Sensor 1	ENG	[0 to 1 / 0 / 0/step]
009	Tray Full Detection Sensor 2	ENG	[0 to 1 / 0 / 0/step]
010	Slide Door Open/Close Door SW	ENG	[0 to 1 / 0 / 0/step]

# Output Check Table

<b>5804</b>	<b>[OUTPUT Check]</b>		
001	Feed Pickup Solenoid 1	ENG	[0 or 1 / 0 / 1/step]
	Moves 1st paper feed tray pick up solenoid.		
002	Feed Pickup Solenoid 2	ENG	[0 or 1 / 0 / 1/step]
	Moves 2nd paper feed tray pick up solenoid.		
003	Bypass Pickup Solenoid	ENG	[0 or 1 / 0 / 1/step]
	Moves bypass pick up solenoid.		
004	Exit Junction Solenoid	ENG	[0 or 1 / 0 / 1/step]
	Moves output paper divide solenoid.		
<b>5804</b>	<b>[OUTPUT Check]</b>		
	Moves paper feed tray rising motor.		
005	Tray 1 Lift Motor: CW	ENG	[0 or 1 / 0 / 1/step]
006	Tray 1 Lift Motor: CCW	ENG	
007	Tray 2 Lift Motor: CW	ENG	
008	Tray 2 Lift Motor: CCW	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
	Moves register motor.		
009	Regist Motor: CCW: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
010	Regist Motor: CCW: Middle Speed	ENG	
011	Regist Motor: CCW: Low Speed	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
015	Regist Motor: Position Hold	ENG	[0 or 1 / 0 / 1/step]
	Holds position of register motor.		

<b>5804</b>	<b>[OUTPUT Check]</b>		
	Moves paper feed motor.		
016	Feed Motor:CW:Standard Speed	ENG	[0 or 1 / 0 / 1/step]
017	Feed Motor:CW:Middle Speed	ENG	
018	Feed Motor:CW:Low Speed	ENG	
022	Feed Motor:CCW:Standard Speed	ENG	
023	Feed Motor:CCW:Middle Speed	ENG	
024	Feed Motor:CCW:Low Speed	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
	Moves vertical carry motor.		
028	Bypass V-Transport Motor:CW:Std Speed	ENG	[0 or 1 / 0 / 1/step]
029	Bypass V-Transport Motor:CW:Middle Speed	ENG	
030	Bypass V-Transport Motor:CW:Low Speed	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
	034	Bypass V-Transport Motor:Position Hold	ENG
	Holds position of vertical carry motor.		
037	Exit Motor: CW: Fusing Pressure Release	ENG	[0 or 1 / 0 / 1/step]
	Moves fusing dis-pressure.		
<b>5804</b>	<b>[OUTPUT Check]</b>		
	Moves paper exit motor.		
041	Exit Motor:CCW:Standard Speed	ENG	[0 or 1 / 0 / 1/step]
042	Exit Motor:CCW:Middle Speed	ENG	
043	Exit Motor:CCW:Low Speed	ENG	

<b>5804</b>	<b>[OUTPUT Check]</b>		
	Moves reverse motor.		
047	Inverter Motor: CW: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
048	Inverter Motor: CW: Middle Speed	ENG	
049	Inverter Motor: CW: Low Speed	ENG	
052	Inverter Mt: CW: Normal Speed: Duplex	ENG	
054	Inverter Mt: CW: Low Speed: Duplex	ENG	
056	Inverter Motor: CCW: Standard Speed	ENG	
057	Inverter Motor: CCW: Middle Speed	ENG	
058	Inverter Motor: CCW: Low Speed	ENG	
061	Inverter Mt: CCW: Normal Speed: Inc Speed	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
	Moves duplex entrance motor.		
065	Duplex Entrance Motor: CW: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
066	Duplex Entrance Motor: CW: Middle Speed	ENG	
067	Duplex Entrance Motor: CW: Low Speed	ENG	
068	Duplex Entrance Motor: Normal Speed: Duplex	ENG	
069	Duplex Entrance Motor: Low Speed: Duplex	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
	Moves duplex bypass motor.		

071	Duplex Bypass Motor: CW: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
072	Duplex Bypass Motor: CW: Middle Speed	ENG	
073	Duplex Bypass Motor: CW: Low Speed	ENG	
074	Duplex Bypass Motor: CW: Normal Speed: Dup	ENG	
075	Duplex Bypass Motor: CW: Low Speed: Duplex	ENG	
077	Duplex Bypass Motor: CCW: Standard Speed	ENG	
078	Duplex Bypass Motor: CCW: Middle Speed	ENG	
079	Duplex Bypass Motor: CCW: Low Speed	ENG	
080	Duplex Bypass Motor: CCW: Normal Speed: Feed	ENG	
081	Duplex Bypass Motor: CCW: Low Speed: Feed	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
083	Duplex Bypass Motor: Position Hold	ENG	[0 or 1 / 0 / 1/step]
	Holds position of duplex bypass motor.		
084	SI Bypass SF Drive Motor: CW (500pps)	ENG	[0 or 1 / 0 / 1/step]
	Moves SI bypass SF drive motor.		
085	SI Bypass SF Dr M: CW: PlsCnt: 460Pls(2mm)	ENG	[0 or 1 / 0 / 1/step]
	Moves SI bypass SF drive motor for 2mm.		

086	SI Bypass SF Dr M: CW:PlsCnt: 920Pls(4mm)	ENG	[0 or 1 / 0 / 1/step]
	Moves SI bypass SF drive motor for 4mm.		
087	SI Bypass SF Drive Motor:CCW (500pps)	ENG	[0 or 1 / 0 / 1/step]
	Moves SI bypass SF drive motor.		
088	SI Bypass SF Dr M:CCW:PlsCnt: 920Pls(2mm)	ENG	[0 or 1 / 0 / 1/step]
	Moves SI bypass SF drive motor for 2mm.		
089	SI Bypass SF Dr M:CCW:PlsCnt: 920Pls(4mm)	ENG	[0 or 1 / 0 / 1/step]
	Moves SI bypass SF drive motor for 4mm.		
5804	<b>[OUTPUT Check]</b>		
	Moves fusing motor. <b>*See Important below</b>		
092	Fusing Motor: CW: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
093	Fusing Motor: CW: Middle Speed	ENG	
094	Fusing Motor: CW: Low Speed	ENG	
098	Fusing Motor: CCW: Low Speed	ENG	

**Important:** Use the procedure below to do the output checks for the fusing exit motor. If you do not follow this procedure, a kink will form in the fusing belt sleeve, and the fusing sleeve belt unit will need to be replaced.

1. Do one of the following:

- Open the right cover of the paper bank
- Remove one of the toner bottles
- Pull out the waste toner bottle half-way
- Remove the fusing unit

2. Enter SP mode.

3. Do the following out output checks:

- SP5-804-092 (Fusing Motor: CW: Standard Speed)
- SP5-804-093 (Fusing Motor: CW: Middle Speed)
- SP5-804-094 (Fusing Motor: CW: Low Speed)
- SP5-804-098 (Fusing Motor: CCW: Low Speed)

4. **Without exiting SP mode**, turn the main power switch off and then on again.

**Important:** If you exit SP mode before you turn the main power switch off, the fusing exit motor will stay off when the machine warms up. Heat will be concentrated in one area of the fusing belt sleeve and cause a kink to form. If this happens, you will need to replace the fusing sleeve belt unit.

5. Do the reverse of what you did in step 1 (for example, reattach the fusing unit).

5804	[OUTPUT Check]		
104	Polygon Motor: L	ENG	[0 or 1 / 0 / 1/step]
	Runs motor with 21969 rpm.		
105	Polygon Motor: M	ENG	[0 or 1 / 0 / 1/step]
	Runs motor with 25512 rpm.		
106	Polygon Motor: H	ENG	[0 or 1 / 0 / 1/step]
	Runs motor with 30236 rpm.		
107	Polygon Motor: HH	ENG	[0 or 1 / 0 / 1/step]
	Runs motor with 34488 rpm.		
110	Fusing Fan: Full Speed	ENG	[0 or 1 / 0 / 1/step]
	Moves fusing exhaust heat fan.		



111	Fusing Fan: Half Speed	ENG	[0 or 1 / 0 / 1/step]
	Moves fusing exhaust heat fan.		
112	Dev Fan: Left/Toner Supply Cooling Fan	ENG	[0 or 1 / 0 / 1/step]
	Moves develop left exhaust air fan and toner supply cooling fan.		
113	PSU Cooling Fan	ENG	[0 or 1 / 0 / 1/step]
	Moves PSU cooling fan and exhaust heat fan.		
114	Ozone Fan	ENG	[0 or 1 / 0 / 1/step]
	Moves ozone exhaust heat fan.		
115	PCB Box Cooling Fan: Full Speed	ENG	[0 or 1 / 0 / 1/step]
	Moves electric BOX cooling fan.		
116	PCB Box Cooling Fan: Half Speed	ENG	[0 or 1 / 0 / 1/step]
	Moves electric BOX cooling fan.		
117	Development: Right Fan	ENG	[0 or 1 / 0 / 1/step]
	Moves main unit exhaust heat fan, develop right exhaust air fan, driver cooler.		
118	ExhaustCooling Fan	ENG	[0 or 1 / 0 / 1/step]
	Moves paper exit cooling fan.		
119	Development Solenoid	ENG	[0 or 1 / 0 / 1/step]
	Moves develop solenoid.		
5804	<b>[OUTPUT Check]</b>		
	Moves develop motor.		
128	Development Motor FC: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
129	Development Motor FC: Middle Speed	ENG	
130	Development Motor FC: Low Speed	ENG	

5804	<b>[OUTPUT Check]</b>		
	Moves drum motor FC.		
132	Drum Motor FC: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
133	Drum Motor FC: Middle Speed	ENG	
134	Drum Motor FC: Low Speed	ENG	
5804	<b>[OUTPUT Check]</b>		
	Moves transfer drum motor K.		
136	Transfer Drum Motor K: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
137	Transfer Drum Motor K: Middle Speed	ENG	
138	Transfer Drum Motor K: Low Speed	ENG	
5804	<b>[OUTPUT Check]</b>		
	Moves paper transfer divide motor.		
140	PTR Contact Motor: CW	ENG	[0 or 1 / 0 / 1/step]
141	PTR Contact Motor: CCW	ENG	
5804	<b>[OUTPUT Check]</b>		
	Moves toner supply motor.		
142	Toner Supply Motor Y: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
146	Toner Supply Motor M: CCW: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
150	Toner Supply Motor M: CW: (ITB Contact)	ENG	[0 or 1 / 0 / 1/step]
	Moves image transfer divide motor (reverse to toner supply motor M).		
151	Toner Supply Motor C: Standard Speed	ENG	[0 or 1 / 0 / 1/step]

155	Toner Supply Motor K: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
5804	[OUTPUT Check]		
	Moves toner bottle drive motor.		
159	Toner Bottle Drive Motor Y	ENG	[0 or 1 / 0 / 1/step]
160	Toner Bottle Drive Motor M	ENG	
161	Toner Bottle Drive Motor C	ENG	
162	Toner Bottle Drive Motor K	ENG	
5804	[OUTPUT Check]		
	Moves relay carry motor (bridge unit)/left paper exit carry motor (left paper exit tray).		
163	Left Exit Motor: Normal Speed	ENG	[0 or 1 / 0 / 1/step]
164	Left Exit Motor: Middle Speed	ENG	
165	Left Exit Motor: Low Speed	ENG	
166	Left Ex Mt: Normal Speed Upper	ENG	
5804	[OUTPUT Check]		
169	Left Exit Junction Solenoid	ENG	[0 or 1 / 0 / 1/step]
	Moves relay divide solenoid (bridge unit)/left paper exit divide solenoid (left paper exit tray).		
170	Shift Tray Motor: CW	ENG	[0 or 1 / 0 / 1/step]
	Moves shift tray motor.		
171	Shift Tray Motor: CCW	ENG	[0 or 1 / 0 / 1/step]
	Moves shift tray motor.		
172	Toner End Sensor: K Power	ENG	[0 or 1 / 0 / 1/step]
	Supplies power to toner end sensor (K).		
173	Toner End Sensor: FC Power	ENG	[0 or 1 / 0 / 1/step]
	Supplies power to toner end sensor (FC).		

RTB 62  
Do not use

174	Drum PCL: K	ENG	[0 or 1 / 0 / 1/step]
175	Drum PCL: FC	ENG	[0 or 1 / 0 / 1/step]
	Lights (PWM drive) the drum PCL (FC).		
5804	<b>[OUTPUT Check]</b>		
	Outputs PWM for electrify HVP (DC/AC:Y/M/C/K).		
176	PP: Charge DC: Y	ENG	[0 or 1 / 0 / 1/step]
177	PP: Charge DC: M	ENG	
178	PP: Charge DC: C	ENG	
179	PP: Charge DC: K	ENG	
180	PP: Charge AC: Y	ENG	
181	PP: Charge AC: M	ENG	
182	PP: Charge AC: C	ENG	
183	PP: Charge AC: K	ENG	
5804	<b>[OUTPUT Check]</b>		
	Outputs PWM for develop HVP.		
184	PP: Development: Y	ENG	[0 or 1 / 0 / 1/step]
185	PP: Development: M	ENG	
186	PP: Development: C	ENG	
187	PP: Development: K	ENG	
5804	<b>[OUTPUT Check]</b>		
	Outputs PWM for divide HVP.		
194	PP: Separation	ENG	[0 or 1 / 0 / 1/step]
5804	<b>[OUTPUT Check]</b>		
	Outputs PWM for transfer HVP (image transfer: Y/M/C/K).		

195	PP: ITB: Y	ENG	[0 or 1 / 0 / 1/step]
196	PP: ITB: M	ENG	
197	PP: ITB: C	ENG	
198	PP: ITB: K	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
	Outputs PWM for transfer HVP (paper transfer: +/-).		
199	PP: PTR: +	ENG	[0 or 1 / 0 / 1/step]
200	PP: PTR: -	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
201	Duplex Guide Plate Open/Close LED	ENG	[0 or 1 / 0 / 1/step]
	Lights duplex guide plate open/close LED.		
<b>5804</b>	<b>[OUTPUT Check]</b>		
202	Scanner Lamp	ENG	[0 or 1 / 0 / 1/step]
	Checks output of scanner lamp. Use to check light source malfunction when SC101-01, SC101-02, SC102-00, SC142-00 occurs.		
206	PTR Open/Close LED	ENG	[0 or 1 / 0 / 1/step]
	Lights paper transfer open/close LED.		
208	TM/P Sensor: F	ENG	[0 or 1 / 0 / 1/step]
	Lights TM/P sensor: Front glowing part.		
209	TM/P Sensor: C	ENG	[0 or 1 / 0 / 1/step]
	Lights TM/P sensor: Center glowing part.		
210	TM/P Sensor: R	ENG	[0 or 1 / 0 / 1/step]
	Lights TM/P sensor: Rear glowing part.		
211	HST Sensor Power	ENG	[0 or 1 / 0 / 1/step]
	Powers the HST sensor.		

<b>5804</b>	<b>[OUTPUT Check]</b>		
	Outputs PWM (Vcnt) to HST sensor: Y/M/C/K		
212	HST Sensor: Y	ENG	[0 or 1 / 0 / 1/step]
213	HST Sensor: M	ENG	
214	HST Sensor: C	ENG	
215	HST Sensor: K	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		
	output check: LD1 ~ LD4:Bk, Ma, Cy, Ye: Bk. Means that polygon lights when rotating.		
216	LD1: K	ENG	[0 or 1 / 0 / 1/step]
217	LD2: K	ENG	
218	LD3: K	ENG	
219	LD4: K	ENG	
220	LD1: M	ENG	
221	LD2: M	ENG	
222	LD3: M	ENG	
223	LD4: M	ENG	
224	LD1: C	ENG	
225	LD2: C	ENG	
226	LD3: C	ENG	
227	LD4: C	ENG	
228	LD1: Y	ENG	
229	LD2: Y	ENG	
230	LD3: Y	ENG	
231	LD4: Y	ENG	
<b>5804</b>	<b>[OUTPUT Check]</b>		

235	Fusing Shading Plate M: Stop Pos 1(HP)	ENG	[0 or 1 / 0 / 1/step]
	Moves shade plate of fusing Md to home position.		
236	Fusing Shading Plate M: Stop Pos 2(A3 3rd)	ENG	[0 or 1 / 0 / 1/step]
	Moves shade plate of fusing Md to A3 3rd position.		
237	Fusing Shading Plt M: Stop Pos 3(Pstcrd 3)	ENG	[0 or 1 / 0 / 1/step]
	Moves shade plate of fusing Md to JP post card 3rd position.		
5804	<b>[OUTPUT Check]</b>		
	Continuously drives specified motor for operation test.		
241	Bank: Tray3: Feed Mt: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
242	Bank: Tray4: Feed Mt: Standard Speed	ENG	
243	Bank: Tray5: Feed Mt: Standard Speed	ENG	
244	Bank: Tray3: Transport Mt: Standard Speed	ENG	
245	Bank: Tray4: Transport Mt: Standard Speed	ENG	
246	Bank: Tray5: Transport Mt: Standard Speed	ENG	
5804	<b>[OUTPUT Check]</b>		
	Drives specified motor for a certain period of time to test operation.		
247	Bank: Tray3: PU Solenoid	ENG	[0 or 1 / 0 / 1/step]
248	Bank: Tray4: PU Solenoid	ENG	
249	Bank: Tray5: PU Solenoid	ENG	

6008	<b>[ADF OUTPUT Check]</b>		
	Checks operation of the load of ADF.		
003	Feed Motor Forward	ENG	[0 or 1 / 0 / 1/step]
	Rotates paper feed motor forward.		
004	Feed Motor Reverse	ENG	[0 or 1 / 0 / 1/step]
	Rotates paper feed motor backward.		
005	Relay Motor Forward	ENG	[0 or 1 / 0 / 1/step]
	Rotates carry motor forward.		
006	Relay Motor Reverse	ENG	[0 or 1 / 0 / 1/step]
	Rotates carry motor backward.		
011	Inverter Solenoid	ENG	[0 or 1 / 0 / 1/step]
	Interval drives reverse solenoid.		
012	Stamp	ENG	[0 or 1 / 0 / 1/step]
	Interval drives DONE stamp.		
013	Fan Motor	ENG	[0 or 1 / 0 / 1/step]
	Interval drives FAN motor.		
014	Feed Clutch	ENG	[0 or 1 / 0 / 1/step]
	Interval drives paper feed clutch.		
015	Feed Solenoid	ENG	[0 or 1 / 0 / 1/step]
	Interval drives paper feed solenoid.		
6012	<b>[1-Pass ADF OUTPUT Check]</b>		
	For Single-Pass simultaneous duplex models only.		



001	Pick-Up Motor Forward	ENG	[0 or 1 / 0 / 1/step] 0:Off 1:On
	Forwardly rotates ADF pick up motor.		
003	Feed Motor Forward	ENG	[0 or 1 / 0 / 1/step] 0:Off 1:On
	Forwardly rotates ADF paper feed motor.		
005	Relay Motor Forward	ENG	[0 or 1 / 0 / 1/step] 0:Off 1:On
	Forwardly rotates ADF paper carry motor.		
009	Exit Motor Forward	ENG	[0 or 1 / 0 / 1/step] 0:Off 1:On
	Forwardly rotates ADF paper exit motor.		
010	Bottom Plate Motor For/Rev	ENG	[0 or 1 / 0 / 1/step] 0:Off 1:On
	Moves up/down the bottom plate by driving the ADF bottom plate motor forward, backward.		
012	Stamp	ENG	[0 or 1 / 0 / 1/step] 0:Off 1:On
	Stamps the DONE stamp.		
015	Pull-Out Motor Forward	ENG	[0 or 1 / 0 / 1/step] 0:Off 1:On
	Forwardly rotates ADF pull out motor.		

016	Middle Motor Forward	ENG	[0 or 1 / 0 / 1/step] 0:Off 1:On
	Forwardly rotates ADF middle motor.		

<b>6124</b>	<b>[OUTPUT Check: 2K/3K FIN]</b>		
001	Entrance Transport Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
002	Horizontal Transport Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
003	Pre-Stack Transport Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
004	ITB Transport Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
005	Paper Exit Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
006	Upper Junction Solenoid	ENG	[0 or 1 / 0 / 1/step]
	Turns NO/OFF specified solenoid for validation.		
007	TE Stack Plate Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
008	Paper Exit Open/Close Guide Plate Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
009	Punching Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
010	Punch Move Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		

011	S-to-S Registration Detection Move Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
012	Lower Junction Solenoid Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
013	Jogger Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
014	Positioning Roller Rotation Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
015	Feed-out Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
016	Booklet Stapler Move Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
017	Corner Stapler Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
018	Booklet Stapler Jogger Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
019	Booklet Stapler Jog Solenoid Move Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
020	Booklet Stapler Standard Fence Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
021	Booklet Stapler Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
022	Dynamic Roller Transport Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		

023	Folder Transport Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
025	Press-fold Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
026	Tray Lift Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
027	Shift Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
028	Front Shift Jogger Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
029	Rear Shift Jogger Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
030	Shift Jogger Retraction Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation. * Not use: currently, VOLGA-B does not have setting jogger in system configuration.		
031	Drag Roller Vibrating Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
032	LE Guide Motor	ENG	[0 or 1 / 0 / 1/step]
	Drives specified motor for a certain period of time to test operation.		
033	Navigation LED (All)	ENG	[0 or 1 / 0 / 1/step]
	Lights all guide LED.		
6136	<b>[OUTPUT Check: FrontFIN]</b>		
	Continuously drives specified motor for operation test.		
001	Entrance Motor	*ENG	[0 or 1 / 0 / 1/step]

002	Carry Motor	ENG	[0 or 1 / 0 / 1/step]
003	Exit Motor	ENG	[0 or 1 / 0 / 1/step]
<b>6136</b>	<b>[OUTPUT Check: FrontFIN]</b>		
	Drives specified motor for a certain period of time to test operation.		
004	Front Jogger Motor	ENG	[0 or 1 / 0 / 1/step]
005	Rear Jogger Motor	ENG	[0 or 1 / 0 / 1/step]
006	Shift Motor	ENG	[0 or 1 / 0 / 1/step]
007	Hitroll Motor	ENG	[0 or 1 / 0 / 1/step]
008	Exit Guide Plate Motor	ENG	[0 or 1 / 0 / 1/step]
009	Staple Moving Motor	ENG	[0 or 1 / 0 / 1/step]
010	Tray Motor	ENG	[0 or 1 / 0 / 1/step]
011	Staple Motor	ENG	[0 or 1 / 0 / 1/step]
012	Stopper Motor	ENG	[0 or 1 / 0 / 1/step]
013	Punch Motor	ENG	[0 or 1 / 0 / 1/step]
014	Punch Moving Motor	ENG	[0 or 1 / 0 / 1/step]
015	Punch Registration Moving Motor	ENG	[0 or 1 / 0 / 1/step]

<b>6162</b>	<b>[FIN (1K FIN) OUTPUT Check]</b>		
	Continuously runs specified motor for operation test.		
001	Entrance Transport Motor	ENG	[0 or 1 / 0 / 1/step]
002	Proof Transport Motor	ENG	[0 or 1 / 0 / 1/step]
003	Paper Feed/Positioning & Move Roller Motor	ENG	[0 or 1 / 0 / 1/step]
<b>6162</b>	<b>[FIN (1K FIN) OUTPUT Check]</b>		
	Drives specified motor for a certain period of time to test operation.		
004	Junction Solenoid	ENG	[0 or 1 / 0 / 1/step]

005	Shift Motor	ENG	[0 or 1 / 0 / 1/step]
006	Jogger Motor	ENG	[0 or 1 / 0 / 1/step]
007	Exit Guide Plate Open/Close Motor	ENG	[0 or 1 / 0 / 1/step]
008	Feed-out Motor	ENG	[0 or 1 / 0 / 1/step]
009	Tray Lift Motor	ENG	[0 or 1 / 0 / 1/step]
011	Positioning Roller Motor	ENG	[0 or 1 / 0 / 1/step]
012	Stapler Shift Motor	ENG	[0 or 1 / 0 / 1/step]
013	Stapler Motor	ENG	[0 or 1 / 0 / 1/step]
014	Punch Motor	ENG	[0 or 1 / 0 / 1/step]
015	Punch Move Motor	ENG	[0 or 1 / 0 / 1/step]
016	S-to-S Registration Detection Move Motor	ENG	[0 or 1 / 0 / 1/step]
017	Stack Transport Motor: Upper	ENG	[0 or 1 / 0 / 1/step]
018	Stck Trns Uppr Prss Rls/Stndrd Fence Rtrct M	ENG	[0 or 1 / 0 / 1/step]
019	Stack Lower Pressure Release Motor	ENG	[0 or 1 / 0 / 1/step]
6162	<b>[FIN (1K FIN) OUTPUT Check]</b>		
	Continuously runs specified motor for operation test.		
020	Folder Transport Motor	ENG	[0 or 1 / 0 / 1/step]
6162	<b>[FIN (1K FIN) OUTPUT Check]</b>		
	Drives specified motor for a certain period of time to test operation.		
021	TE Stopper Motor	ENG	[0 or 1 / 0 / 1/step]
022	Folder Blade Motor	ENG	[0 or 1 / 0 / 1/step]
6162	<b>[FIN (1K FIN) OUTPUT Check]</b>		
	Lights all guide LED.		

023	Navigation LED (All)	ENG	[0 or 1 / 0 / 1/step]
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<b>6171</b>	<b>[Bridge: OUTPUT Check]</b>		
009	Bridge Relay Motor: Low Speed	ENG	[0 or 1 / 0 / 1/step]
	Checks operation of the load of relay motor. Rotates forward the carry motor for 73 mm/s.		
010	Bridge Relay Motor: Middle Speed	ENG	[0 or 1 / 0 / 1/step]
	Checks operation of the load of relay motor. Rotates forward the carry motor for 256 mm/s.		
011	Bridge Relay Motor: Standard Speed	ENG	[0 or 1 / 0 / 1/step]
	Checks operation of the load of relay motor. Rotates forward the carry motor for 450 mm/s.		
012	Junction Solenoid	ENG	[0 or 1 / 0 / 1/step]
	Checks operation of the load of solenoid. Turns ON the solenoid.		

<b>6173</b>	<b>[Shift Tray: OUTPUT Check]</b>		
001	Shift Tray Motor	ENG	[0 or 1 / 0 / 1/step]
	Checks operation of the load of shift tray motor. Rotates forward.		

<b>6185</b>	<b>[NoStplBindFIN: OUTPUT Check]</b>		
001	Transport Motor	ENG	[0 or 1 / 0 / 1/step]
002	Shift Motor	ENG	[0 or 1 / 0 / 1/step]
003	Junction Solenoid Motor	ENG	[0 or 1 / 0 / 1/step]
004	Exit Pressure Release Motor	ENG	[0 or 1 / 0 / 1/step]
005	Stapler Motor	ENG	[0 or 1 / 0 / 1/step]





# 4. Test Pattern Printing

## Test Pattern Printing

Printing Test pattern: SP2-109

Some of these test patterns are used for copy image adjustments but most are used primarily for design testing.

**Note**

- Do not operate the machine until the test pattern is printed out completely. Otherwise, SC will occur.
1. Enter the SP mode then select **SP2-109-003**.
  2. Select test pattern for print from the list then press [OK].
  3. When selecting color for Printing; Full Color or either CMYK, go to SP2-109-005 (1: Full Color, 2: Cyan, 3: Magenta, 4: Yellow, 5: Black) to select.
  4. When changing density of test pattern, select density with SP2-109-006 through 009 for each color.

**Note**

- If select "0" with SP2-109-006 through 009, the color adjusted so will not show up in the test pattern.
5. To Print, Touch "Copy Window", then set settings within the following window for test print (paper size etc...).

**Note**

- When using black and white printing, touch "Black & White" on the LCD. When using color printing, touch "Full Color" on the LCD.
6. Press "Start" key to start test print.
  7. After checking test pattern, touch "SP Mode" on the LCD to return to SP mode display.
  8. Reset all settings to default values.
  9. Exit SP mode.

No.	Pattern	No.	Pattern
0	Copy image	14	Trimmed area
1	V 1dot	15	V Grid 1
2	V 2dot	16	V Grid 2

No.	Pattern	No.	Pattern
3	H 1dot	17	H Belt
4	H 2dot	18	H Belt
5	Grid V line	19	Checker flag
6	Grid H line	20	Gray V
7	Grid: Small	21	Gray H
8	Grid: Large	22	4800dpi step pattern 1(1dot)
9	S Grid: Small	23	4800dpi step pattern 1(2dot)
10	S Grid:Large	24	4800dpi step pattern 2(1dot)
11	1dot independent	25	4800dpi step pattern 2(2dot)
12	2dot independent	26	Full side colored
13	4dot independent	27	Full side White

# 5. Software Version up

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## Overview

In order to update the firmware of this machine, it is necessary to download the latest version of firmware on a SD card.

Insert the SD card in SD card slot 2 beside the left rear of the controller box.

## Firmware Type

Firmware type	Function	Firmware position	Message display
System/Copy	Operating system	Controller board	System/Copy
Engine		BCU	Engine
Control panel		Control panel	Lcdc
Network support		Controller board	Network Support
Language 1		Control panel	Language 1
Language 2		Controller board	Language 2
RPCS		Controller board	RPCS
PCL (PCLXL)		Controller board	PCL (PCLXL)
Media print JPEG/TIFF		Controller board	MediaPrint:JPEG/TIF
Font		Controller board	FONT
Font 1		Controller board	FONT1
Network document box		Controller board	NetworkDocBox
Printer		Controller board	Printer
Scanner		Controller board	Scanner
Web support		Controller board	Websupport
Web Application		Controller board	WebUapl

### ↓ Note

- Even when not using a RPCS driver, the XPS driver requires RPCS firmware.

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# Procedure

## ★ Important

- A SD card is a precision device, so when you handle an SD card, respect the following.
- When the power is switched ON, do not insert or remove a card.
- During installation, do not switch the power OFF.
- Since the card is manufactured to high precision, do not store it in a hot or humid location, or in direct sunlight.
- Do not bend the card, scratch it, or give it a strong shock.
- Before downloading firmware on an SD card, check whether write-protection of the SD card is canceled. If write-protection is enabled, an error code (error code 44, etc.) will be displayed during download, and the download will fail.
- Before updating firmware, remove the network cable from this machine.
- If SC818 is generated during software update, switch the power OFF -> ON, and complete the update which was interrupted.
- During software update, network cables, remove interface cables, wireless boards, etc., (so that they are not accessed during update).

5

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## Update procedure

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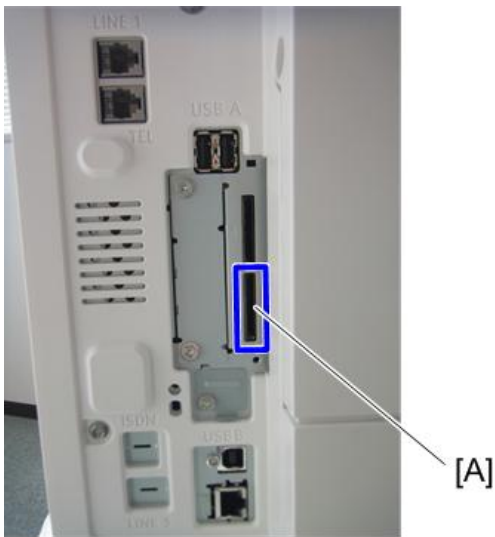
1. First download the software to be updated to the SD card.
2. Switch the power OFF.
3. Remove the SD card slot cover [A][B]. (🔧×1)



d1467101

5

4. Insert the SD card [A] straight in slot 2.



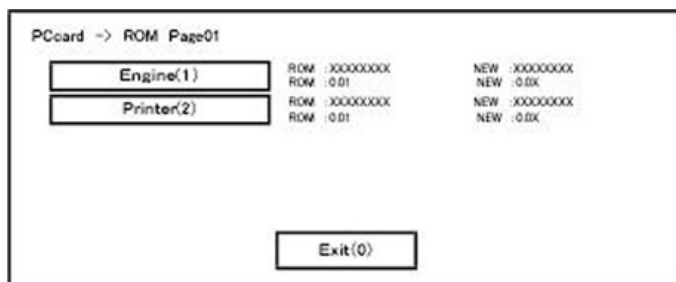
d1467103

**Note**

- Check whether the card is properly in the SD card slot. When a SD card is inserted, a click is heard, and it is locked.
- To remove the card, release by pressing once in the set state.

5. Switch the power ON.
6. Wait until the update screen starts (about 45 seconds).  
When it appears, "Please Wait" is displayed.

7. Check whether a program installation screen is displayed. (English display) When two or more software modules are contained in the SD card, they are displayed as follows.



### When two or more software names are displayed

1. Press the module selection button or 10 keypad [1] - [5].
2. Choose the appropriate module. (If already selected, cancel the selection)

### Operation of keys or buttons

Keys or buttons to press	Contents
[Exit] or 10 key [0]	Returns to normal screen.
[Start] Key	Select all modules.
[Clear/Stop] key	Cancel all selection states.

### Display contents

On the above screen, two programs, i.e., engine firmware and printer application are displayed. (The screen may change depending on the firmware or application).

The display contents are as follows:

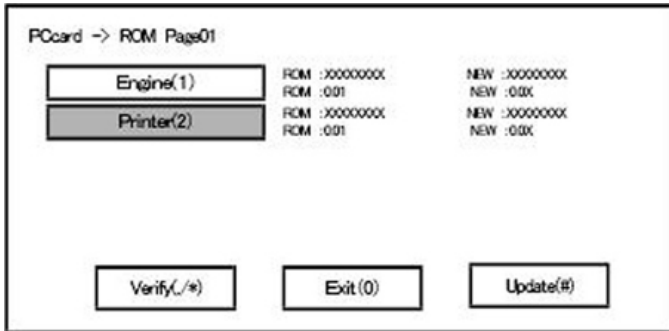
Display	Contents
ROM:	Display installed module number / version information.
NEW:	Display module number / version information in the card.

\* The upper row corresponds to the module number, the lower row corresponds to the version name.

8. Select the module with the module selection button or 10 key operation. The selected module is highlighted, and [Verify] and [Update] are displayed.

### Note

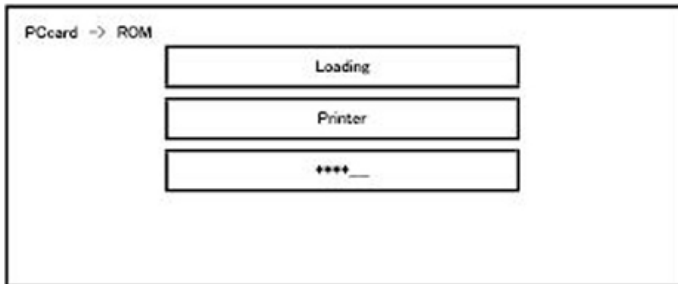
- Depending on the combination of update software, it may not be possible to select simultaneously.



**Key or button operations**

Keys or buttons to press	Contents
[Update] or [#] key	Update the ROM of the selected module.
[Verify] button or [./*] key	Perform verification of the selected module.

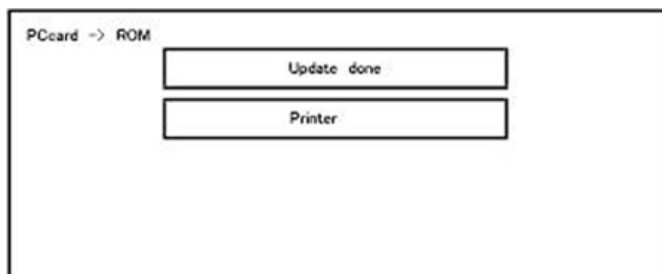
9. Press the [Update] or [#] key, and perform software update.
10. During firmware update, a "firmware update/ verification progress screen" is displayed. When firmware update is complete, a "firmware update end screen" is displayed.



- In the middle row, the name of the module currently being updated is displayed. (in this case, the printer is being updated)
- In the lower row, a progress bar is displayed in ten steps. (The more \*, the more the progress.)
- When updating the control unit program, since progress cannot be displayed on the screen, the ROM update process is determined when the LED of the [Start] key changes from red to green.



### Firmware update end screen



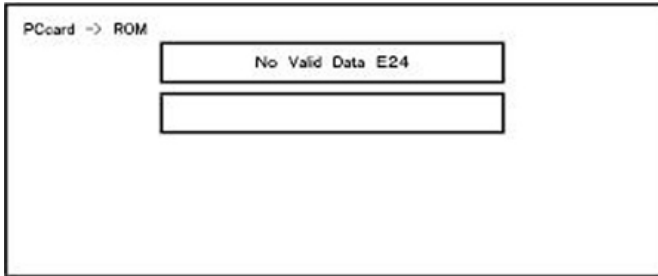
- This screen is displayed when all selected firmware modules are to be updated. "printer" in the second row shows that the module updated last is the printer. (When more than one are updated simultaneously, only what was updated last is displayed.)
- When Verify has completed normally, the Update done display of the above screen is "Verify done." If "Verify Error" is displayed, reinstall the software of the application displayed in the lower row.

11. After switching power OFF, remove the SD card.
12. Again, switch the power ON, and check whether the machine is operating normally.
13. Return the SD card slot cover to the original position.

#### ↓ Note

- When the power supply is switched OFF during firmware update, update is interrupted, and the power is switched ON again, normal operation cannot be guaranteed.
- To guarantee operation, an update error continues to be displayed until update is successful.
- In this case, insert the SD card again, switch the power ON, and continue download of firmware from the SD card automatically.
- Web access card software: EXJS (EXtended Java Script) is a Type-C ESA application, and like a conventional Web access card, update using an sdk folder is required.
- The PS3 firmware program is included in the preinstalled PDF firmware.
- In the default state, although the PS3 firmware program is hidden in the disabled state, the function is enabled by installing the PS3 card.
- (The program installed in the PS3 card is a dongle (key) for enabling PS3 function).
- Due to the above specification, the self-diagnosis result report shows the ROM module number / software version of the PDF firmware at the PS location.

## Error Screens during Updating



“Exx” on the operation panel shows an error code.

For error codes, refer to the following table:

### Error Code List

5

Code	Description	Solutions
20	Physical address mapping cannot be performed.	<ul style="list-style-type: none"> <li>Switch the main power supply off and on to try again.</li> <li>Re-insert the SD card to reboot it.</li> <li>Replace the controller board if the above solutions do not solve the problem.</li> </ul>
21	Insufficient memory for the download	<ul style="list-style-type: none"> <li>Switch the main power supply off and on to try again.</li> <li>Replace the controller board if the updating cannot be done by switching the power off and on.</li> </ul>
22	Failed to decompress downloaded data	<ul style="list-style-type: none"> <li>Switch the main power supply off and on to try again.</li> <li>Replace the SD card used for the update.</li> <li>Replace the controller board if the above solutions do not solve the problem.</li> </ul>
24	SD card access error	<ul style="list-style-type: none"> <li>Re-insert the SD card.</li> <li>Switch the main power supply off and on to try again.</li> <li>Replace the SD card used for the update.</li> <li>Replace the controller board if the above solutions do not solve the problem.</li> </ul>

Code	Description	Solutions
32	<p>The SD card used after download suspension is incorrect.</p> <p>SD cards are different between the one which has been inserted before power interruption and the one which has been inserted after power interruption.</p>	<ul style="list-style-type: none"> <li>• Insert the SD card containing the same program as the firmware update has been suspended, and then switch the main power supply off and on to try again.</li> <li>• There is a possibility that the SD card is damaged if the update cannot be done after the correct SD card has been inserted. In this case, try again with a different SD card.</li> <li>• Replace the controller board if the above solutions do not solve the problem. Replace all relevant boards if the update is done for the BCU and FCU. Replace the operation panel unit when the update is done for the operation panel.</li> </ul>
33	<p>Card version error.</p> <p>The wrong card version is downloaded.</p>	<ul style="list-style-type: none"> <li>• Install the correct ROM update data for each version in the SD card.</li> </ul>
34	<p>Destination error.</p> <p>A card for the wrong destination is inserted.</p>	<ul style="list-style-type: none"> <li>• Install the correct ROM update data for each destination (JPN/ EXP/ OEM) in the SD card.</li> </ul>
35	<p>Model error.</p> <p>A card for the wrong model is inserted.</p>	<ul style="list-style-type: none"> <li>• Install the correct ROM update data for each model in the SD card.</li> </ul>
36	<p>Module error.</p> <p>The program to be downloaded does not exist on the main unit.</p> <p>The download destination specified by the card does not match up to the destination for the main unit's program.</p>	<ul style="list-style-type: none"> <li>• Install the program to be updated in advance.</li> <li>• There is a possibility that the SD card containing the program to be updated has not been mounted. Check to confirm that the SD card has been correctly mounted.</li> <li>• The SD card is incorrect if the program to be updated has been correctly installed. In this case, insert the correct SC card.</li> </ul>
38	<p>The version of the downloaded program has not been authorized for the update.</p>	<ul style="list-style-type: none"> <li>• Make sure that the program to be overwritten is the specified version.</li> </ul>

Code	Description	Solutions
40	Engine download fails.	<ul style="list-style-type: none"> <li>Switch the main power supply off and on to try again.</li> <li>If the download fails again, replace the controller board and the BCU.</li> </ul>
41	Fax download fails.	<ul style="list-style-type: none"> <li>Switch the main power supply off and on to try again.</li> <li>If the download fails again, replace the controller board and the FCU board.</li> </ul>
42	Operation panel / language download fails.	<ul style="list-style-type: none"> <li>Switch the main power supply off and on to try again.</li> <li>If the download fails again, replace the controller board and the operation panel unit.</li> </ul>
43	Printing download fails.	<ul style="list-style-type: none"> <li>Switch the main power supply off and on to try again.</li> <li>The SD card media is damaged if the update fails again. Replace the SD card media.</li> </ul>
44	The data to be overwritten cannot be accessed when controller-related programs are downloaded.	<ul style="list-style-type: none"> <li>Switch the main power supply off and on to try again.</li> <li>Install the correct ROM update data in the SD card.</li> <li>Replace the controller board if the data to be overwritten is contained on the controller board.</li> </ul>
49	Firmware updates are currently prohibited.	<ul style="list-style-type: none"> <li>The setting of Update Firmware in the Administrator Tools has been set to [Prohibit] by an administrator. Amend the setting to [Do not Prohibit] and try again.</li> </ul>
50	The results of the electronic authorization check have rejected the update data.	<ul style="list-style-type: none"> <li>Install the correct ROM update data in the SD card.</li> </ul>
57	@Remote is not connected at the date/time reserved for receiving the package firmware update from the network.	<ul style="list-style-type: none"> <li>Check the @Remote connection.</li> </ul>

Code	Description	Solutions
58	Update cannot be done due to a receipt route problem.	<ul style="list-style-type: none"> <li>• Check the @Remote connection.</li> </ul>
59	HDD is not mounted.	<ul style="list-style-type: none"> <li>• Check the HDD connection.</li> </ul>
60	HDD could not be used during the package firmware update.	<ul style="list-style-type: none"> <li>• Try again.</li> <li>• Replace the HDD if the download fails again.</li> </ul>
61	The module ID for the package firmware update is incorrect.	<ul style="list-style-type: none"> <li>• Prepare the correct package files.</li> </ul>
62	The configuration of the package firmware update files is incorrect.	<ul style="list-style-type: none"> <li>• Prepare the correct package files.</li> </ul>
63	Failed to receive data due to the power off at the reserved date/time of the remote firmware update from the network.	<ul style="list-style-type: none"> <li>• Update is to be done automatically at the next time to receive data.</li> </ul>
64	Failed to receive data due to the power off at the reserved date/time of the package firmware update from the network.	<ul style="list-style-type: none"> <li>• Reset the reservation date/time for the remote update.</li> </ul>
65	Failed to receive data due to the status error of the machine at the reserved date/time of the remote firmware update from the network.	<ul style="list-style-type: none"> <li>• Update is to be done automatically at the next time to receive data.</li> </ul>
66	Failed to receive data due to the status error of the machine at the reserved date/time of the package firmware update from the network.	<ul style="list-style-type: none"> <li>• Reset the reservation date/time for the remote update.</li> </ul>
67	Failed to acquire the latest version information from the Gateway at the reserved date/time of the remote firmware update from the network.	<ul style="list-style-type: none"> <li>• Check that the network is connected correctly.</li> </ul>
68	Failed to acquire the latest version information from the Gateway.	<ul style="list-style-type: none"> <li>• Check that the network is connected correctly.</li> </ul>

Code	Description	Solutions
69	Download fails at the reserved date/time of the remote firmware update from the network.	<ul style="list-style-type: none"> <li>• Check that the network is connected correctly.</li> </ul>
70	Failed to download a package firmware from the network.	<ul style="list-style-type: none"> <li>• Check that the network is connected correctly.</li> </ul>
71	A network communication error occurs at the reserved date/time of the package firmware update from the network.	<ul style="list-style-type: none"> <li>• Check that the network is connected correctly.</li> </ul>
72	The setting of @Remote is invalid at the reserved date/time of the package firmware update from the network.	<ul style="list-style-type: none"> <li>• Set the setting of @Remote Service in the Administrator Tools to [Do not Prohibit].</li> </ul>

5

**Note**

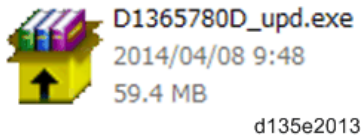
- The PDF firmware installed as standard contains a program required to print PS3 data as default. However, this PS3 program is normally disabled.
- The PS3 firmware is a dongle (key) which enables PS3 data printing functions. When the PS3 firmware is installed, the PS3 program in the PDF firmware is enabled. Due to this specification, the self-diagnosis result report shows the ROM part number/software version of the PDF firmware contained in the PS3 program.

# Updating the VM Firmware

## Creating an SD Card for Updating

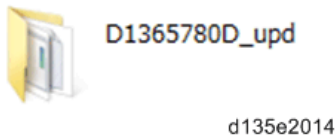
1. Download the update module, "Java VM v11 Update Tool", from the Firmware Download Center.

### Downloaded file



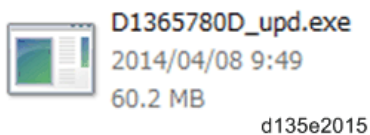
2. Unzip the downloaded file.

### Folder created by unzipping



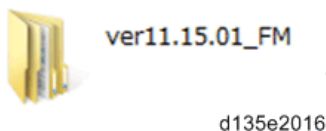
3. Run the "exe" file in the folder created by unzipping.

### "exe" file in the folder



4. Copy the "sdk" folder in the root of the folder directly below, which was created by running the "exe" file, to the root of the SD card directly below.

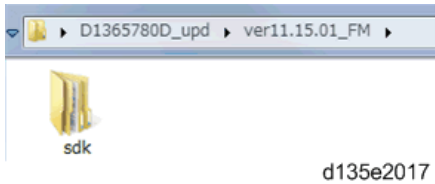
### Folder created by running the "exe" file



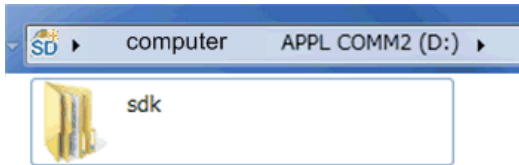
### Note

- Two "sdk" folders exist in the folder created by running the "exe" file.
- Copy the upper-level "sdk" folder (in the root of the folder directly below which was created by running the "exe" file) to the root of the SD card directly below.
- Do not update using the lower-level "sdk" folder.

**Correct: Upper-level "sdk" folder**

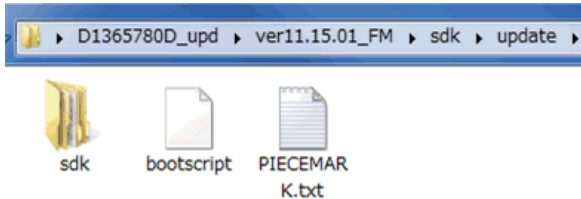


**Copy to the root of the SD card directly below**



d135e2018

**Incorrect: Lower-level "sdk" folder**



d135e2019

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## Updating Procedure

---

**⚠ CAUTION**

- SD card can be inserted with the machine power off.
- During the updating process, do not turn off the power.
- If you turn off the power during the updating, the machine performance is not guaranteed. (There is a possibility that an SC and boot failure occurs.)
- If you accidentally turn off the power during the updating, retry the updating procedure from the beginning. (If the update fails again, you will need to replace the controller board.)
- Depending on the ESA application installed in the machine, there might be some special notes or procedure when updating Java platform. See the manual for the ESA application. If you do not follow the correct procedures for the VM card updating, the SC associated to controller error may occur.



1. If the boot priority application is set to the ESA application, switch to the copy application. ([System Settings]-[General Features]-[Function Priority])
2. Insert the SD card you created into the service slot, and then turn ON the main power switch.
3. After booting Java VM, update of the application is started. "Updating SDK/J" appears in the banner message of the touch panel display. (Estimated time: about 2 minutes)



4. When the update is complete, "Update SDK / J done SUCCESS" will appear in the banner message of the touch panel display. After turning off the power, remove the SD card from the slot. When you fail to update, "Update SDK/J done FAIL" is displayed. You can confirm the cause of the error message below.
5. Reconfigure the Heap size. ([Extended Feature Settings]-[Administrator Tools]-[Heap/Stack Size Settings]). See the manual for the ESA application to know what value to set for the heap size.
6. Return to the previous setting for the boot priority application.

## List of Error Messages

Update results are output as a text file on the SD card called "sdkjversionup.log" in the "\sdk \update" folder.

Result	File contents	Description of the output
Success	script file = /mnt/sd0/sdk/update/ bootscript 2012/08/22 17:57:47 start 2012/08/22 17:59:47 end SUCCESS	Boot script path Boot scripts processing start time End time boot script processing, the results

Result	File contents	Description of the output
Failure	script file = /mnt/sd0/sdk/update/ bootscript 2012/08/22 17:57:47 start XXXX Error 2012/08/22 17:57:57 end FAIL	Boot script path Boot scripts processing start time Error message (Possibly multiple) End time boot script processing, the results

5

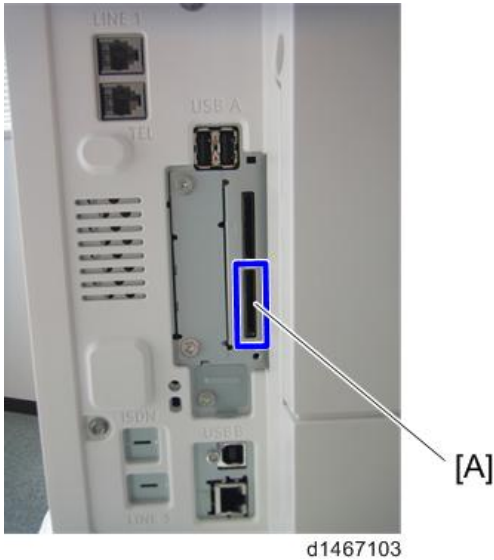
Error Message	Cause	Remedy
PIECEMARK Error,machine=XXXXX	Applied the wrong updating tool (Using the updating tool of a different model)	Use the correct updating tool for this model.
pasePut() - error : The file of the copy origin is not found Put Error!	Inadequacy with the SD card for updating (Files are missing in the updating tool)	Re-create the SD card for updating.
paseCopy() - error : The file of the copy origin is not found. Copy Error!	Inadequacy SD card for updating (Files in the updating tool are missing)	Inadequacy SD card for updating (Files in the updating tool are missing)
[file name: XX] error,No space left on device pasePut() - error : The destination directory cannot be made. pasePut() - error : fileCopy Error. Put Error!	Writing destination is full. (The NAND flash memory on the controller board is full.)	Uninstall the unnecessary SDK applications. If you can not uninstall it, implement escalation, stating the "model name, application configuration, SMC sheet (SP5-990-006/024/025), and error file."

Error Message	Cause	Remedy
[file name: XX] error, No space left on device paseCopy() - error : The destination directory cannot be made. paseCopy() - error : fileCopy Error. Copy Error!	Writing destination is full. (The NAND flash memory on the controller board is full.)	Uninstall the unnecessary SDK applications.  If you can not uninstall it, implement escalation stating the "model name, application configuration, SMC sheet (SP5-990-006/024/025), and error file."
Put Error! * 1	Error, not normally expected to occur	If you cannot uninstall it, implement escalation stating the "model name, application configuration, SMC sheet (SP5-990-006/024/025), and error file."  * 1  Without the foregoing error message, only "Put Error / Copy Error" will be displayed
Copy Error! * 1		
Delete Error!		
[XXXXX] is an unsupported command.		
Version Error		

# Updating the EXJS

## To Update EXJS

1. Put the SD card containing the firmware to install in SD card slot 2 [A], and switch on the power.



5

2. Wait until the update screen starts.
3. When the update screen is displayed, select [browser], and press the [Update (#)] button.
4. When "Update done." is displayed, switch the power OFF, and remove the SD card from SD card slot 2.  
<When updating Extension JavaScript, add the following steps>
5. Switch the power ON.
6. Press the [Default setting/counter] key.
7. Press the [Extension function default setting] button.
8. Press the [Extension function default setting] button on the [Extension function default menu setting] screen.
9. Stop "Extended JS" on the "Startup setting" condition with a tab.
10. Switch the power OFF.
11. Insert the Extended JavaScript upgrade SD card in SD card slot 2.
12. Switch the power ON.
13. Press the [Default setting/counter] key.
14. Press the [Extension function default setting] button.

15. Press the [Extension function default setting] button on the [Extension function default menu setting] screen.
16. Press the [Install] tab.
17. Press [SD card], and select "Extended JS" from the list of extension functions.
18. Select [MFP hard disk] as the installation location, and press [Next].
19. After checking extension function information on the "Installation preparation complete" screen, press the [Enter] button.
20. "The following extension functions are already installed. The message "Overwrite extension function?" is displayed. Press the [Continue] button.
21. When installation is complete, the message "Extension function has been installed" is displayed. Press the [OK] button.
22. On the [Startup settings] tab, set [Extended JS] to the startup standby state, and switch the power OFF.
23. Remove the SD card from SD card slot 2, and return the controller cover.
24. Switch the power ON.
25. Press the [Default setting/counter] key.
26. Press the [Extension function default setting] button.
27. Press the [Extension function default setting] button on the [Extension function default menu setting] screen.
28. Check the version of [Extended JS] on the [Startup settings] tab is the latest version.

#### Note

- If the power is ON before starting Step 1, switch the power OFF after first performing Steps 5-9, and perform Step 1 and subsequent steps. In that case, skip Steps 5-10. (This saves time.)
- If you do not plan to update Extension JavaScript, return the controller cover to the original position after performing Step 5.

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## When Checking the Version of EXJS

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1. Switch the power ON.
2. Press the [Default setting/counter] key.
3. Press the [Extension function default setting] button.
4. Press the [Extension function default setting] button on the [Extension function default menu setting] screen.
5. Check the version of [Extended JS] on the [Startup settings] tab is the latest version.

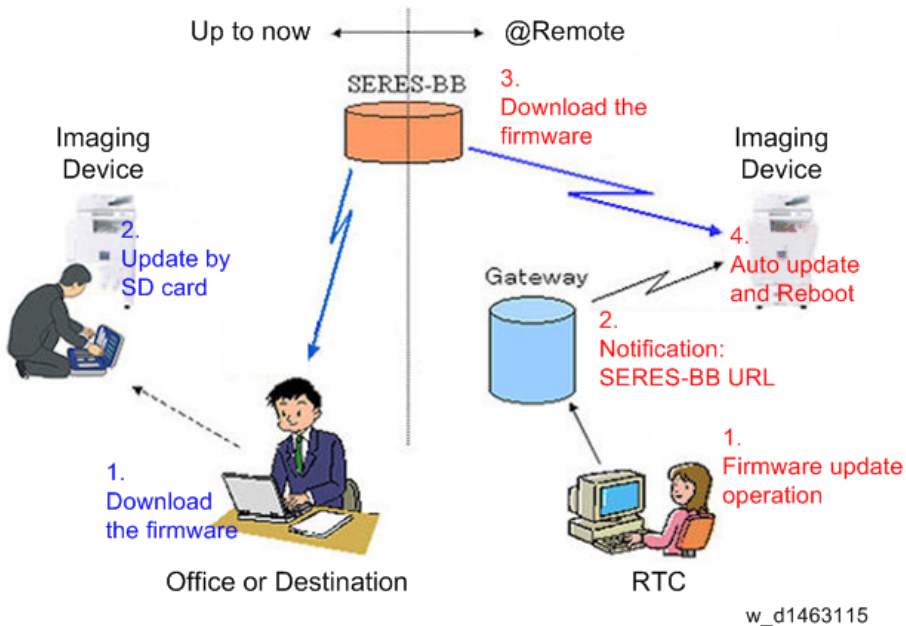
 **Note**

- If checked apart from the above procedure (firmware version displayed in system default settings), a different version from the actual version may be displayed.

# RFU Updating the Firmware

In this machine, software can be updated by remote control using @Remote.

## Unmanned RFU using @Remote



5

## RFU-compliant firmware

Compliant firmware is ordinary firmware with a recovery function (in this system, for custom / individual firmware, RFU [remote firmware update] is not performed).

Select firmware with high urgency/priority, such as commercial machine update firmware, and firmware guided by TI.

## Error correspondence method

If any trouble accompanying unattended RFU occurs, it should be handled by the following flowchart:

### 1. Check the result of unattended RTC

Check the machine startup situation on the morning after unattended RFU by RTC.

If the machine is not operating normally, arrange a telephone consultation with the user from RTC, and request the user to perform a machine reboot.

### 2. CE Visit

If the machine does not recover on a reboot, and if the customer cannot be contacted by telephone, a CE visit request is made from RTC.

<Disposal method>

During a visit accompanying unattended RFU trouble, perform the following steps in order.

1. Switch the power OFF/ON.
2. Download the same firmware as the firmware supplied to the SD card by RFU, and perform upgrade with the SD card. (It may take about 5 minutes until upgrade by the SD card starts).
3. Replace the firmware storage destination board.

[Example]

In the case of System/Document: Controller board

In the case of Engine: Engine board



# Package Firmware Update

## ⚠ CAUTION

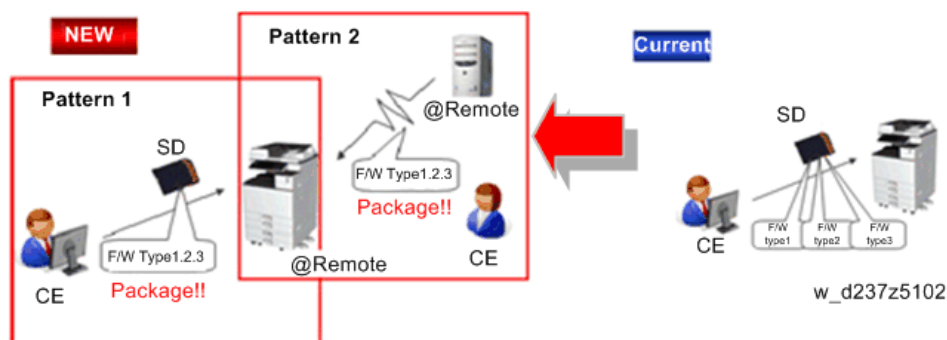
- The HDD unit must be installed on the machine to enable the SFU or the package firmware update via SD card.

## Overview

Each firmware module (such as System/Copy, Engine, etc) used to be updated individually. However, an all-inclusive firmware package (package\_ALL) is now available.

There are two ways to update using the firmware package.

- Package Firmware Update via a network: SFU (Smart Firmware Update)
- Package Firmware Update with an SD card



## Package Firmware Update via a network: SFU (Smart Firmware Update)

- There are two methods for SFU.
  - Immediate Update: To update the firmware when visiting
  - Update at the next visit: To set the date and time for downloading. The firmware will be automatically downloaded beforehand and updated at the following visit.
- “Update at the next visit” is recommended since firmware download may take some minutes due to the network condition.

### ⓘ Note

- SFU requires the connection to @Remote via a device which has the embedded @Remote communicating function. When a machine is connected to @Remote via an intermediate device (RC Gate), the SFU function is disabled.

## Package Firmware Update via an SD Card

Package firmware update can also be performed using the conventional SD card method by writing the package firmware directly to the SD card.

**Types of firmware update files, supported update methods:**

	SFU	SD	RFU
Individual firmware	N/A	Available	Available
Package firmware	Available	Available	N/A

**Immediate Update**

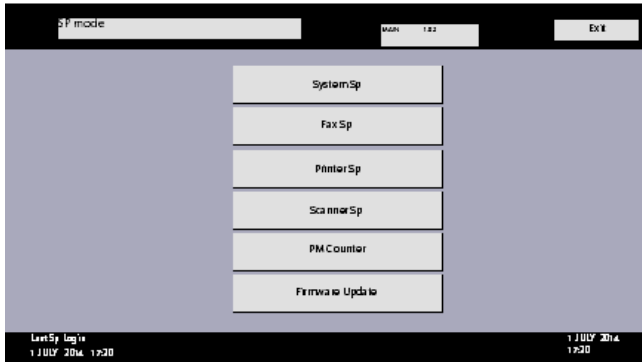
Enter the [Firmware Update] menu in the SP mode and update the package firmware.

**Note**

- The [Firmware Update] button will appear even when a machine is connected to @Remote with a device which does not have an embedded @Remote communicating function.
- If an error code is displayed, refer to Error screens during updating (page 824).

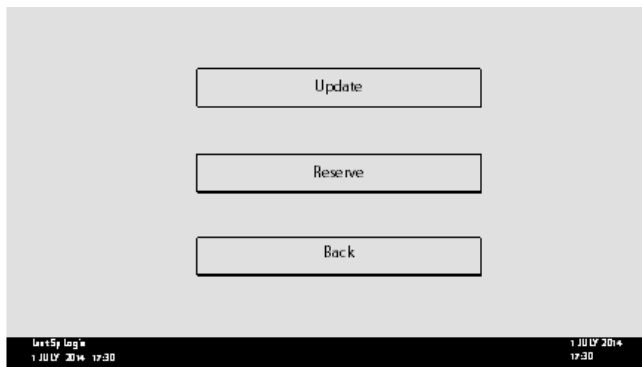
5

1. Enter the SP mode.
2. Touch [Firmware Update].



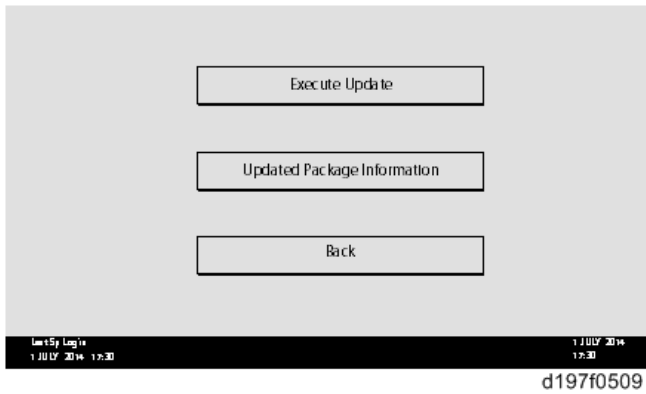
d197f0507

3. Touch [Update].

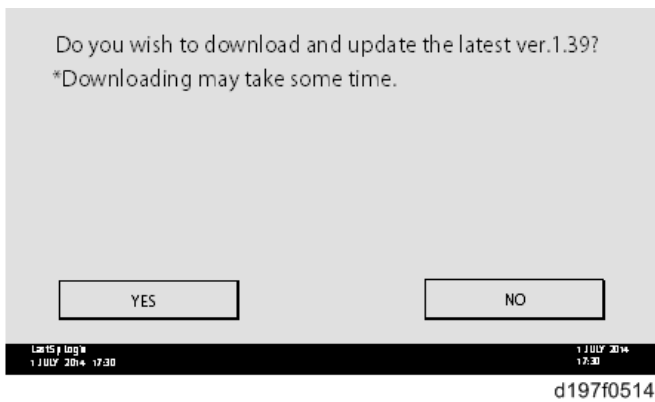


d197f0508

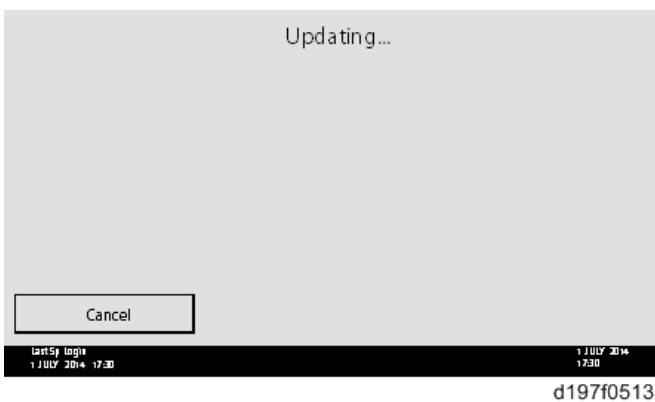
#### 4. Touch [Execute Update].



#### 5. Touch [YES].



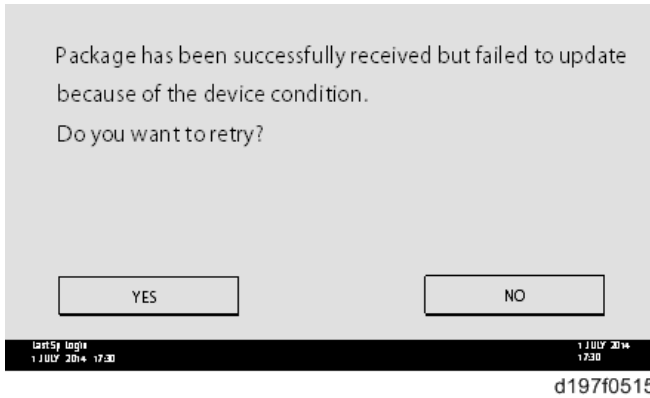
#### 6. The following display will be displayed.



#### Note

- If the error code E66, which indicates that the download of the firmware has failed, is displayed, implement this procedure from step 1.

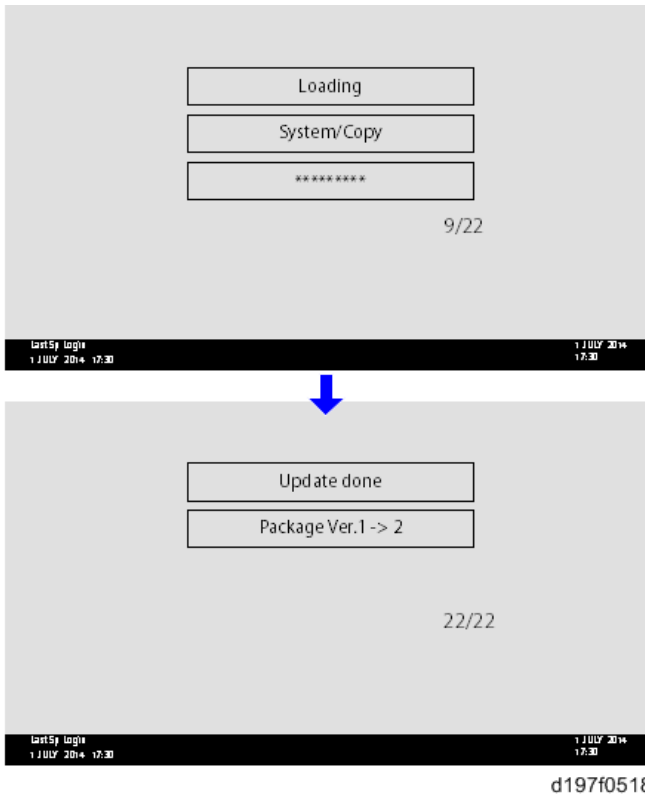
- Update will be started automatically after the download is finished.
- When the machine is in the update mode, the automatic update is suspended if a print job is implemented. After the print job is finished, touch [YES] on the display shown with the following picture to restart updating.



5

### 7. [Update done] is displayed.

- The machine will automatically reboot itself.



### ↓ Note

- The figures at the lower right of the display indicate “Number of updated items/ All items to be updated”.

## Update at the Next Visit (Reserve)

It is possible to set the machine to download the package firmware which is necessary for SFU in advance, and then perform the actual installation at the next service visit. This saves waiting time for the firmware to download at the service visit.

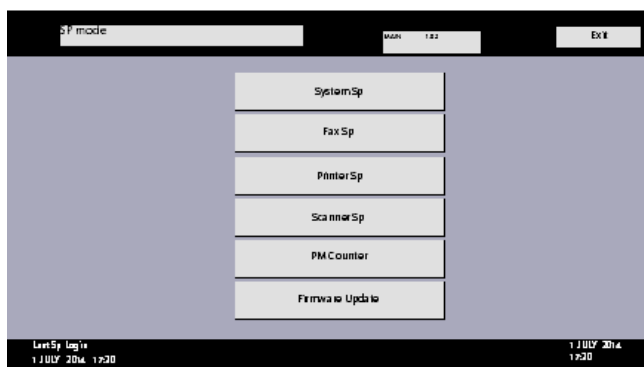
## How to Set the Machine to Download Firmware Later (RESERVE)

Enter the [Firmware Update] menu in the SP mode and update the package firmware.

### ↓ Note

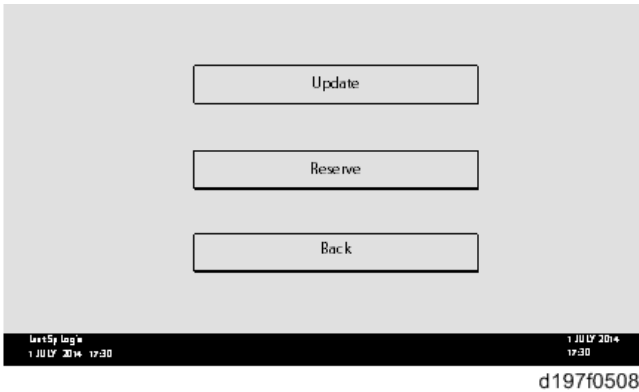
- The [Firmware Update] button will appear even when a machine is connected to @Remote with a device which does not have an embedded @Remote communicating function. If an error code is displayed, refer to page 824.

1. Enter the SP mode.
2. Touch [Firmware Update].

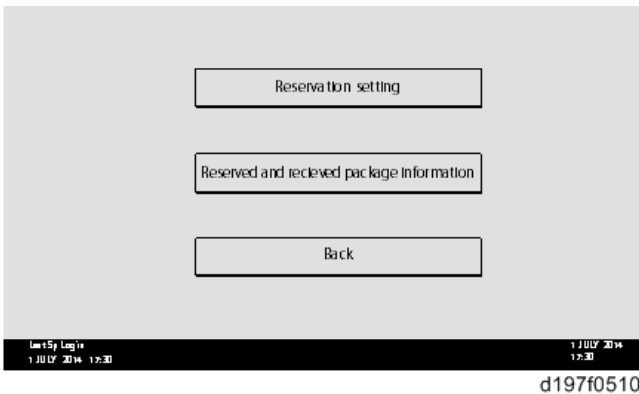


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### 3. Touch [Reserve].



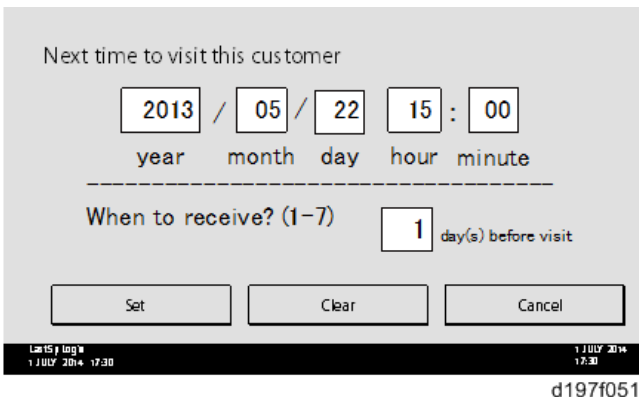
### 4. Touch [Reservation setting].



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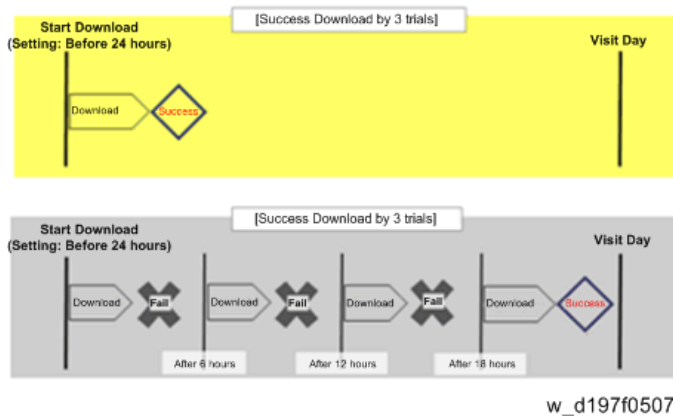
### 5. Enter the dates and times of next visit and start of receiving data.

- "Next time to visit this customer": The package firmware will be automatically downloaded by this time/date.
- "When to receive? (1-7)": The download of the package firmware will begin this number of days before the next visit.



## Successful Download

In the two diagrams below, the firmware is set to be downloaded by the day before the next scheduled visit. In the first diagram, the download is successful on the first try. In the second diagram, the download fails three times and is successful on the fourth try.

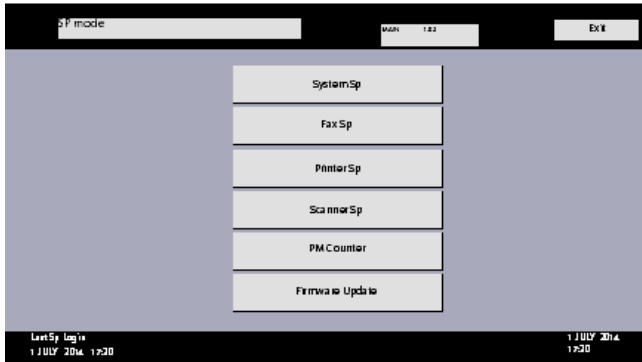


- If the firmware download fails or cannot be completed due to the network settings/condition, no power to the machine, or other reason, the machine will continue retrying every six hours until the scheduled deadline (up to a maximum of four tries). For example, if the download is set for the day before the next visit, the machine will attempt the download at 24 hours before the visit, and then continue trying every six hours (max. four tries total).
- The retry is only performed in cases when the firmware download has failed.
- If the machine is in Energy Saver mode when the download is scheduled to begin, the download will be performed in the background and the machine/panel will stay in Energy Saver mode.
- The download will continue uninterrupted even if the customer initiates a print job, copy job, fax receiving or other operation while the download is in progress.
- The download will be terminated if the customer turns the power off while the download is in progress.
- If the download cannot be completed successfully by the time of the next scheduled visit, the machine will stop trying to download the firmware.

## How to Check if the Firmware Downloaded with RESERVE

1. Enter the SP mode.

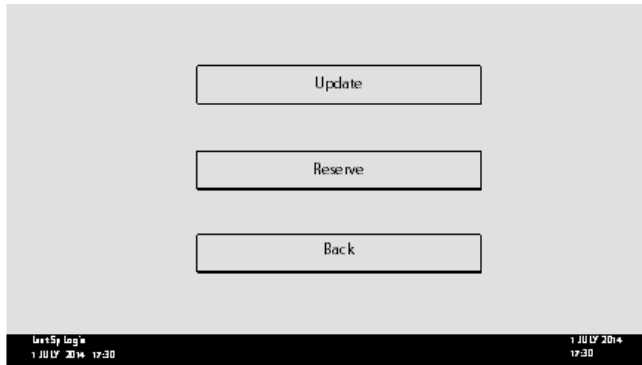
2. Touch [Firmware Update].



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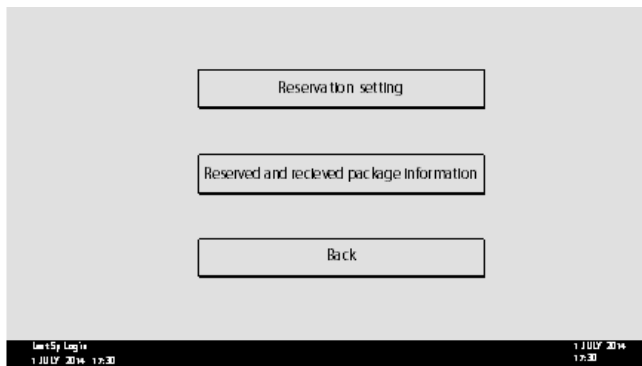
3. Touch [Reserve].

5



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4. Touch [Reserve and received package information].



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5. Check the information displayed.

When the package firmware is downloaded successfully, the details of the download result are displayed as the following picture shows.



Reservation reception result	Success
Part number of reserved and received package	D1234567
Version of reserved and received package	1.35
Package received date	2014/05/22
Reservation reception has succeeded. You may start the update.	Back

Lenovo Logo 1 JULY 2014 17:30 1 JULY 2014 17:30

d197f0511

### ↓ Note

- This information will only be displayed if the reserved firmware has already been downloaded. If not, all the data items are indicated with “-”.

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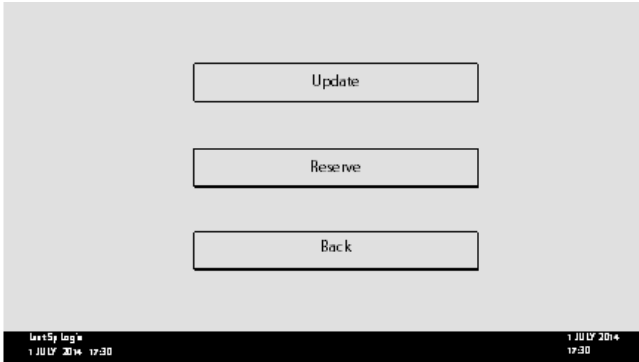
## How to Install Firmware Downloaded with RESERVE

1. Enter the SP mode.
2. Touch [Firmware Update].

The screenshot shows a menu titled "SP mode" with a "Back" button and an "Exit" button. The main menu contains the following options: System Sp, Fax Sp, Printer Sp, Scanner Sp, PM Counter, and Firmware Update. The bottom status bar shows "Lenovo Logo 1 JULY 2014 17:30 1 JULY 2014 17:30".

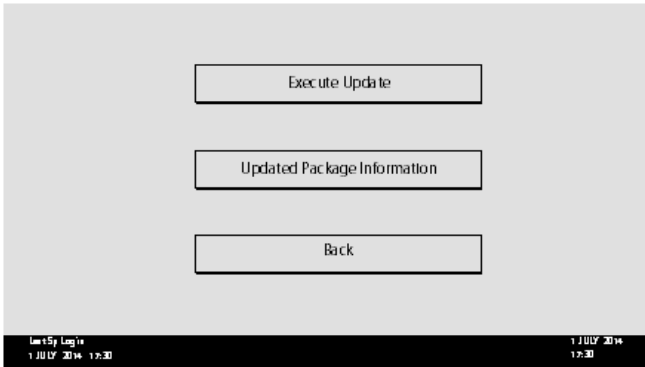
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### 3. Touch [Update].



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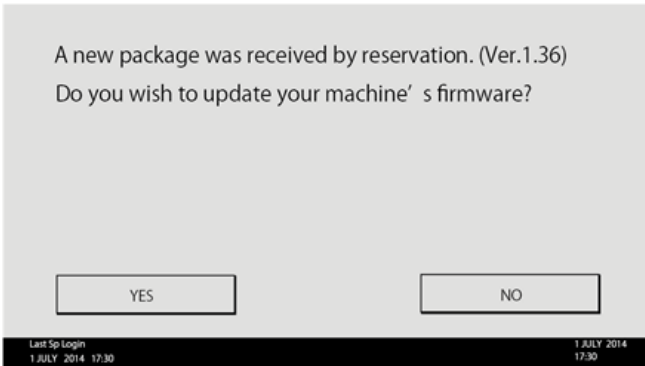
### 4. Touch [Execute Update].



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### 5. Check the version of the received package firmware, and then touch [YES].

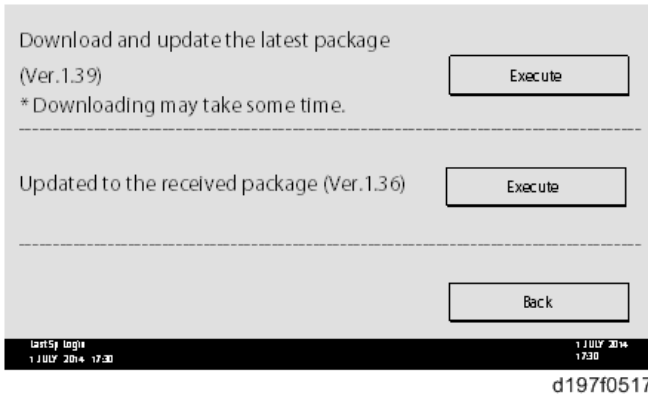
- Update is started.



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**Note**

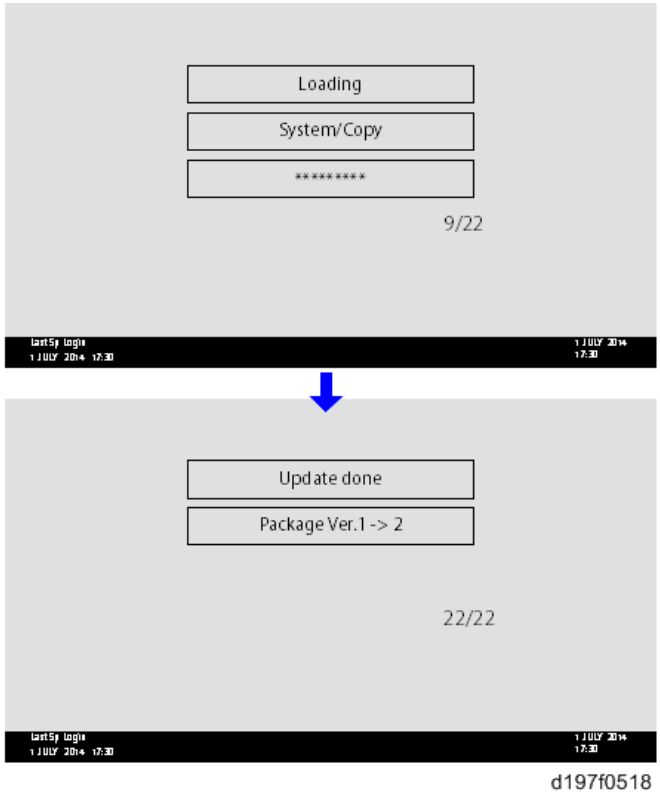
- If the version of the reserved package in the HDD is older than the latest version, the messages shown in the following picture are displayed.



- If you wish to download the latest version, touch [Execute] beside the message “Download and update the latest package.” Then update of the package firmware will be started.
- If you wish to update using the firmware in the HDD (old version), touch [Execute] beside the message “Update to the received package.”

**6. [Update done] message is displayed.**

- The machine will automatically reboot itself.



**Note**

- The figures at the lower right of the display indicate “Number of updated items/ All items to be updated”.

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## Update via SD Card

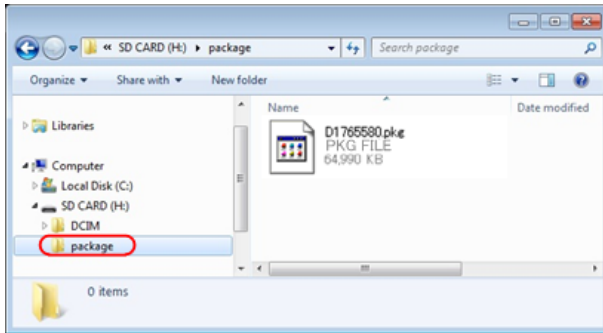
---

Update with an SD card, which is the conventional method, is available if you write the package firmware to the SD card.

**Note**

- If an error code is displayed, refer to page 824.
1. Create a new folder in the SD card, and then name it “package”.

2. Copy the package firmware (xxxxxxx.pkg) to this folder.



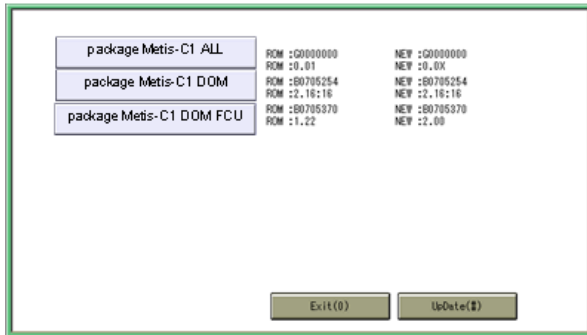
d197f0504

**★ Important**

- If you copy the package firmware into the conventional "romdata" folder, the update will not work.
- Only one version of the package firmware should be copied into the folder. If you copy multiple versions of package firmware to the SD card, the machine will select only one version of the firmware randomly.

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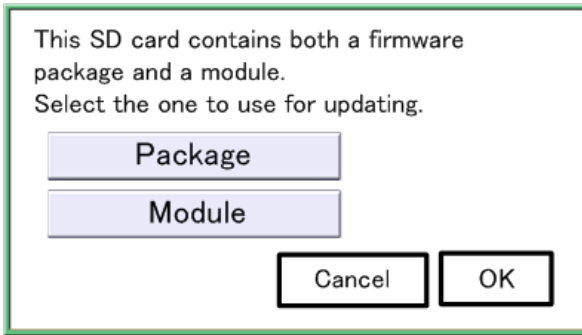
3. Turn the power OFF.
4. Insert the SD card which contains the package into SD card slot 2 (for service).
5. Turn the power ON and touch [Update].



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**↓ Note**

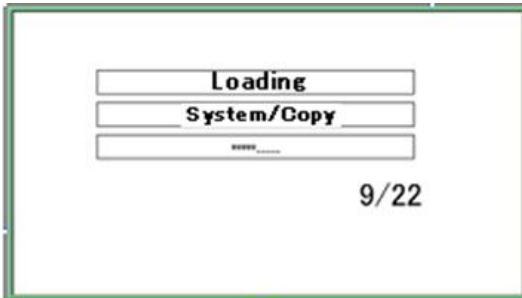
- When the SD card contains both a firmware package and one or more modules, the following display may show up. Select [Package] and touch [OK] to move to step 4 above.



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- Update is started automatically after the package firmware download to the HDD has been completed.
- When update is completed, "Update done" is displayed.

5



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**Note**

- The figures at the lower right of the display indicate "Number of updated items/ All items to be updated".

- Turn the main power switch OFF, and then pull out the SD card from SD card slot 2.
- Turn the power ON.

# 6. Uploading/Downloading NV-RAM Data

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## Outline

In this machine, SP data can be uploaded to a SD card from the NV-RAM, or it can be downloaded from a SD card to the NV-RAM.

## Upload to SD card from NV-RAM

1. When the power is OFF, set the SD card in a SD card slot (for service), and switch the power ON.
2. Go into SP5-824-001 (upload of NV-RAM<EEPROM> contents).
3. Press key [1] under conditions where execution is possible. Upload starts.
4. Check that there a NV-RAM\[machine number].nv has been created for the NV-RAM folder of the SD card.
  - For machine number B1790017, it is NV-RAM\B1790017.nv. Data cannot be uploaded to a copier to which a machine number has not been input NV data of plural copiers can be stored in one SD card.

### Note

- SMC print (SP5-990) is output in SP mode. Prepare for the case where upload/download of NV-RAM data fails. Record the model number on an uploaded SD card.



## Download to NV-RAM from SD card

When download fails due to a fault with the NV-RAM card, or a fault with the communication line between the controller <=>BCU(s), repeat the download. If still not successful, manually enter the SP/UP preset value based on the SMC print outputted previously.

1. When the power is OFF, set the SD card containing NV-RAM data in the SD card slot (for service), and switch the power ON.
2. Go into SP5-825-001 (NV-RAM contents download).
3. Press key [1] under conditions where execution is possible.

\* When there is a nv file corresponding to a machine model number, it is downloaded. When the model number is not correct, it is not downloaded.

- Data except for download target
  - Total counters
  - C/O, P/O counters
  - Accounting counters for default settings counter display
  - Copy option setting by customer support system



# 7. Address Book Upload/Download

## Backup

Backup address book information on SD card formatted with the specified software.

1. Switch the power OFF.
2. After removing the SD slot cover of the controller unit, set the SD card in the service slot.
3. Switch the power ON.
4. Execute SP5-846-051 full address book backup.
5. Switch the power OFF.
6. Remove the SD card.
7. Return the SD slot cover to the original position.

### Note

- When local user information to be uploaded is not contained in the SD card, an execute malfunction is displayed. It cannot be used in the write-protect state.
- Since the address book is the customer's information, take care about handling it, and never bring it back.

## Restore

1. Switch the power OFF.
2. After removing the SD slot cover of the controller unit, set the SD card in the service slot.
3. Switch the power ON.
4. Execute SP5-846-052 (address book information restore).
5. Switch the power OFF.
6. Remove the SD card.
7. Return the SD card slot cover to the original position.
8. Switch the power ON, and check that the address book has been restored.

### Note

- User code counter information is initialized.
- Administrator and supervisor information is not backed up. Also, it is not erased during restore.
- If a download file does not exist, or if erasure is complete, execution malfunction is displayed.

# Specification

The information which can be backed up / restored is the following items.

- Entry information
- User code information
- E-mail information
- Protection code information
- Fax information
- Fax additional information
- Group information
- Title information
- Title position information
- Folder information
- SMTP attestation
- Local authorization
- Folder authorization information
- Account ACL information
- New document initial ACL information
- LDAP authorization information



# 8. Capturing the Debug Logs

## Overview

With this feature, you can save debug logs that are stored in the machine (HDD or operation panel) on an SD card. It allows the Customer Engineer to save and retrieve error information for analysis.

The Capturing Log feature saves debug logs for the following three.

- Controller debug log
- Engine debug log
- Debug log of the operation panel

### ★ Important

- In older models, a technician enabled the logging tool after a problem occurred. After that, when the problem had been reproduced, the technician was able to retrieve the debug log.
- However, this new feature saves the debug logs at the time that problems occur. Then you can copy the logs to an SD card.
- You can retrieve the debug logs using a SD card without a network.
- Analysis of the debug log is effective for problems caused by the software. Analysis of the debug log is not valid for the selection of defective parts or problems caused by hardware.

### Types of debug logs that can be saved

Type	Storage Timing	Destination (maximum storage capacity)
Controller debug log (GW debug log)	Saved at all times	HDD (4 GB) Compressed when written to an SD card from the HDD (from 4 GB to about 300 MB)
Engine debug log	<ul style="list-style-type: none"><li>• When an engine SC occurs</li><li>• When paper feeding/output stop by jams</li><li>• When the machine doors are opened during normal operation</li></ul>	

Type	Storage Timing	Destination (maximum storage capacity)
Operation panel debug log	<ul style="list-style-type: none"> <li>• When a controller SC occurs</li> <li>• When saving by manual operation with the Number keys and the Reset key (Press "Reset", "0", "1" and "C" (hold for 3 seconds))</li> <li>• When the operation unit detects an error</li> <li>• When the operation panel detects an error</li> </ul>	<p>Operation panel (400 MB /Up to 30 times)</p> <p>When updating the firmware for the operation panel, the debug logs are erased.</p>

**Note**

- Debug logs are not saved in the following conditions.
- While erasing all memory
- While data encryption equipment is installed
- While changing the firmware configuration
- Forced power OFF (accidentally disconnecting the outlet)
- Engine debug log in shutdown
- When the power supply to the HDD is off because of energy saving (engine OFF mode /STR mode)

### Security of the Operation Log

The following operation logs related to security are not saved.

- User ID
- Password
- IP address
- Telephone number
- Encryption key
- Transition to SP mode

Also the following operation logs are not saved.

- Number keys (0 to 9) on the operation panel
- Soft keyboard on the touch panel display



- External keyboard

# Retrieving the Debug Logs

**★ Important**

- Retrieve debug logs to identify the date of occurrence of the problems and to find details of the problems
- e.g.: At around 8:00 am on March 10, an engine stall occurred. The operation panel does not respond. Turn the main power supply off / on.
- You need to retrieve the debug logs dating back three days from the date of the problem.
- Analysis of the debug log is effective for problems caused by the software. Analysis of the debug log is not valid for the selection of defective parts or problems caused by hardware.

## Procedure for Retrieving the Debug Log

1. Insert the SD card into the slot [A] on the side of the operation panel.



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2. Enter SP mode.
3. Set the start date of the log with SP5-857-101 (Start date of debug log output)  
e.g.: March 28, 2013: input 20130328 (yyyymmdd)

**↓ Note**

- Set the date three days earlier than the occurrence of the problems.

4. Set the end date of the log with SP5-857-102 (End date of debug log output)  
e.g.: March 31, 2013: input 20130331 (yyyymmdd)
5. Execute SP5-857-103 (Get a debug log of all) to write the debug log to the SD card.  
If the transfer is finished successfully, 'completed' is displayed on the touch panel display.

**Note**

- The approximate time it takes to transfer the debug log is as follows. Transfer time may be affected by the type or format of the SD card. (It is recommended that you format the SD card using the Panasonic SD Formatter (freeware)).
- Controller debug log (GW debug log): 2 - 20 minutes
- Engine debug log: 2 minutes
- Operation panel debug log: 2 - 20 minutes
- You can use the following service programs to obtain individual logs.
- SP5-857-104 (Obtains the controller debug log)
- SP5-857-105 (Obtains the engine debug log)
- SP5-857-106 (Obtains the snapshot debug log)
- SP5-857-107 (Obtains the control panel debug log)
- The SD access LED flashes while logs are being obtained.

**6. "Finish" appears on the touch panel display, then remove the SD card.****Note**

- If 'failed' appears on the touch panel display, turn the power off, and then recover from step 1 again.

The debug logs are saved with the following file names.

Controller debug log (GW debug log)	/LogTrace/machine number/watching/ yyyymmdd_hhmmss_unique identification number.gz
Engine debug log	/LogTrace/machine number/engine/ yyyymmdd_hhmmss.gz
Operation panel debug log	/LogTrace/machine number/opepanel/ yyyymmdd_hhmmss.tar.gz

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