

SHARP[®]

User's Manual

(Web Page Settings)



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ABOUT THIS GUIDE

This guide explains the procedures for configuring machine settings from your computer using the web page settings function embedded in the machine.

Please note

- This guide assumes that the persons who install and use this product have a working knowledge of their computer and web browser.
- For information on your operating system or web browser, please refer to your operating system guide or web browser guide, or the online Help function.
- The explanations of screens and procedures are primarily for Internet Explorer®. The screens may vary depending on the version of the operating system or the software application.
- Wherever model name "xx-xxxxx" appears in this guide, please substitute your model name for model name "xx-xxxxx".
- Considerable care has been taken in preparing this manual. If you have any comments or concerns about the manual, please contact your dealer or nearest authorized service representative.
- This product has undergone strict quality control and inspection procedures. In the unlikely event that a defect or other problem is discovered, please contact your dealer or nearest authorized service representative.
- Aside from instances provided for by law, SHARP is not responsible for failures occurring during the use of the product or its options, or failures due to incorrect operation of the product and its options, or other failures, or for any damage that occurs due to use of the product.

Warning

- Reproduction, adaptation or translation of the contents of the manual without prior written permission is prohibited, except as allowed under copyright laws.
- All information in this manual is subject to change without notice.

Illustrations, operation panel, display, and Web pages in this guide

The peripheral devices are generally optional, however, some models include certain peripheral devices as standard equipment. For some functions and procedures, the explanations assume that devices other than the above are installed. Depending on the content, and depending on the model and what peripheral devices are installed, this may not be usable. For details, refer to the User's Manual.

The explanations in this manual are based on American English and the North American version of the software. Software for other countries and regions may vary slightly from the North American version.

- The display screens, messages, and key names shown in the manual may differ from those on the actual machine due to product improvements and modifications.
- The display, illustrations, and setting screens in this manual are for reference only, and may vary by model, installed options, settings changed from the default state, and country or region.
- This manual assumes that a full-color machine is being used. Some of the explanations may not apply to a monochrome machine.

WEB PAGE

WEB PAGE FEATURES

A web server for settings is embedded in the machine.

When the machine is connected to a network, you can access the web server in the machine to configure a variety of machine settings with your computer.

This function allows you to configure machine settings over the network but not have to walk to the machine.

You can easily enter your user name and other text from your computer.

You can also use the web page to configure settings that are more advanced than those available on the machine.



- For detailed information on the settings of the machine, see the User's Manual.
 - For fax and E-mail transmission destination settings in the web page, refer to the User's Manual (Address Book Registration).
-

ACCESSING THE WEB PAGE

This section explains the procedure for accessing the machine's web page.

Supported web browsers

The following web browsers can be used to access the machine:

Internet Explorer: 11 or higher (Windows®), Microsoft Edge (Windows®)

Firefox (Windows®), Safari (macOS®), Chrome (Windows®): Latest version or immediately previous major release

Accessing the web page

Follow the steps below to access the Web page.

1

Open your web browser on your computer.

2

Enter the IP address set in the machine in the address bar of your web browser.

- For the machine's IP address, ask the administrator of the machine.
- You can check the machine's IP address on the machine. "[How to check the IP address of the machine](#)" ([▶ page 6](#))
- **Entering a password**



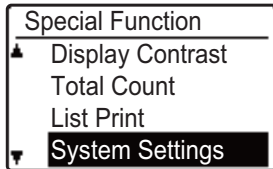
- A screen for entry of the user authority or administrator authority password may appear, depending on the settings. Select user authority or administrator authority, and enter the password.
 - You can set the login name to "Administrator" and enter the administrator password to log in to the Web page. Once you have logged in to the Web page with administrator rights, the password entry screen will not appear when you click other items that require administrator rights (until you log out).
-

How to check the IP address of the machine

1 Press the [SPECIAL FUNCTION] key (Fn).

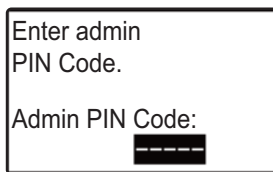
The special function screen will appear.

2



Select "System Settings" with the [▼] or [▲] key, and press the [OK] key.

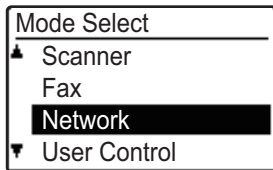
3



Use the numeric keys to enter the five-digit administrator PIN code.

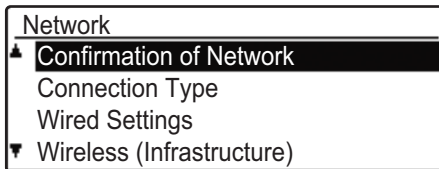
- "*" appears for each digit that you enter.
- The mode select screen will appear.

4



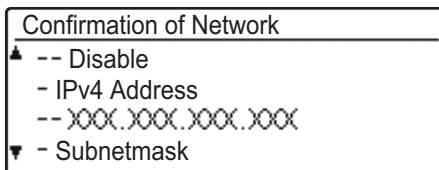
Select "Network" with the [▼] or [▲] key, and press the [OK] key.

5



Select "Confirmation of Network" with the [▼] or [▲] key, and press the [OK] key.

6



Show and check the IP address with the [▼] or [▲] key.

7

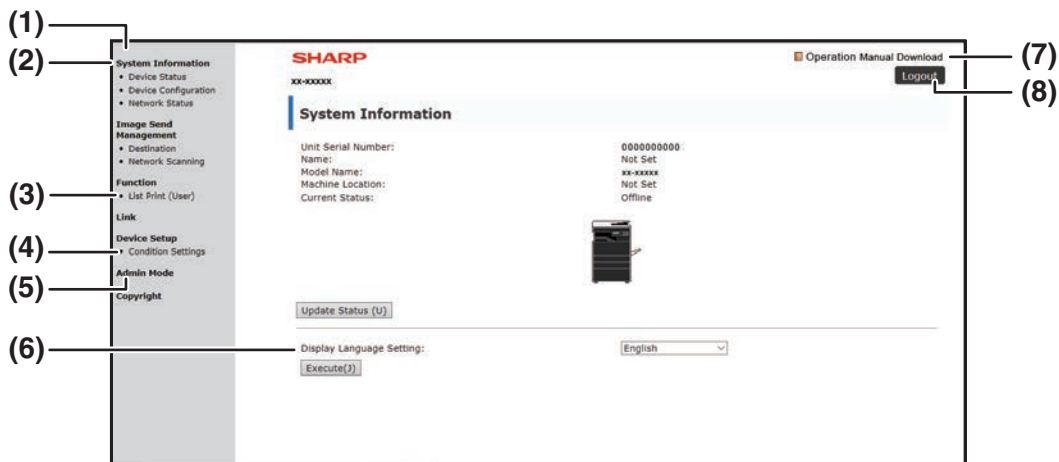
Press the [OK] key.

ABOUT THE WEB PAGES (FOR USERS)

Typical items that are set using the Web page settings are described here.

When you access the Web server embedded in the machine and connect normally, the following screen (user screen) appears in the Web browser.

A menu appears in the frame on the left side of the screen. Click an item that you want to set or enter, and a setting/entry screen will appear in the frame on the right side.



(1) Menu frame

Click a setting in the menu to configure it.

(2) System Information

Shows the current status of the machine and model name.

- Device Status
Shows the current status of the machine, paper trays, output trays, toner and other supplies, and page counts.
Out of paper and other warnings appear in red.
- Device Configuration
Shows what options are installed.
- Network Status
Shows the network status. Information on "General" and "TCP/IP" is shown on the respective pages.

(3) List Print (User)

You can print out the various settings that you have selected.

(4) Condition Settings

Configure basic printer settings and printer language settings.

- ▶ [CONFIGURING THE PRINTER CONDITION SETTINGS \(page 8\)](#)

(5) Admin Mode

To open the Web pages for the administrator, click here. Set the login name to "Administrator" and enter the administrator password in the password entry screen.

- ▶ [ABOUT THE WEB PAGES \(FOR THE ADMINISTRATOR\) \(page 11\)](#)
- ▶ [PROTECTING INFORMATION PROGRAMMED IN THE WEB PAGE \(\[Passwords\]\) \(page 14\)](#)

(6) Display Language Setting

Select the desired language setting from the pull-down menu.

(7) Operation Manual Download

This shows the operation manual download page.

(8) [Login/Logout] button

[Login] button

Click to log in to the web page.

[Logout] button

When you have completed all settings in the web pages, click this button to log out and exit the web browser.

CONFIGURING THE PRINTER CONDITION SETTINGS

The printer condition settings allow basic printer settings to be configured. The following items can be set:

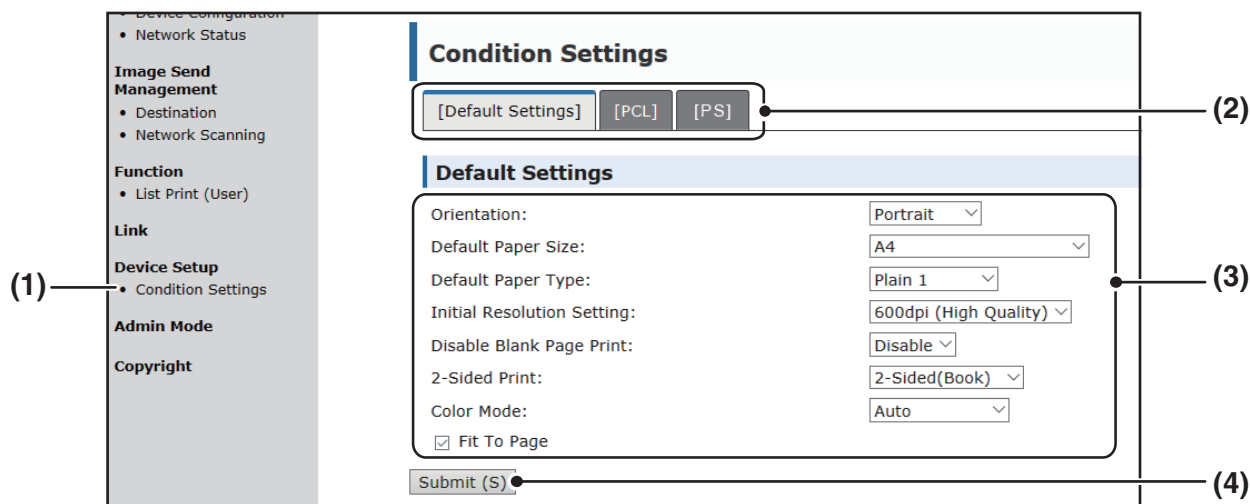
- "Default Settings" [▶ page 9](#): Basic settings that are mainly used when the printer driver is not used.
- "PCL Settings" [▶ page 10](#): PCL symbol set, font, line feed code, and other settings.



When the printer driver is used and the same settings are configured both in the printer driver and in the above screens, the settings configured in the printer driver override the settings in the above screens. If a setting is available in the printer driver, use the printer driver to configure the setting.

HOW TO CONFIGURE THE SETTINGS

To display the Condition Settings screen, click [Condition Settings] in the menu frame.



(1) Condition Settings

This displays the page for configuring the printer condition settings.

(2) Default Settings/ PCL/PS

Select the type of condition settings that you wish to configure.

(3) Settings

The factory default settings are displayed. Change the settings as desired by selecting from drop-down lists.

▶ [PRINTER CONDITION SETTINGS \(page 9\)](#)

(4) Submit

Click to store the Web page settings in the machine.

PRINTER CONDITION SETTING MENU

Condition Settings	
Default Settings	Factory default settings
Orientation	Portrait
Default Paper Size	A4 (Letter)
Default Paper Type	Plain 1
Initial Resolution Setting	600dpi (High Quality)
Disable Blank Page Print	Disable
2-Sided Print	2-Sided (Book)
Color Mode	Auto
Fit To Page	ON

Condition Settings	
PCL Settings	Factory default settings
Symbol Set	PC-8
Font	0: Courier (internal font)
Line Feed Code	CR=CR; LF=LF; FF=FF
PS Settings	
PS Settings	Factory default settings
Print PS Errors	Disable

PRINTER CONDITION SETTINGS

Factory default settings are indicated in bold.

Default Settings

Item	Settings	Description
Orientation	Portrait , Landscape	This sets the orientation of the printed page. Select [Portrait] when the image is longer in the vertical direction, or [Landscape] when the image is longer in the horizontal direction.
Default Paper Size	A3, B4, A4 (AB) , B5, A5, Ledger (11" x 17"), Legal (8-1/2" x 14"), Asian Legal (8-1/2" x 13-2/5"), Mexican Legal (8-1/2" x 13-1/2"), Foolscap (8-1/2" x 13"), Letter (8-1/2" x 11") (Inch), Invoice (5-1/2" x 8-1/2"), Executive (7-1/4" x 10-1/2"), 8K, 16K	Set the default paper size used for printing. (Depending on the model, the setting items may differ.)
Default Paper Type	Plain 1 , Plain 2, Letter head, Pre-printed, Pre-punched, Recycled, Color	Set the type of paper used for printing.
Initial Resolution Setting	600dpi, 600dpi (High Quality)	Set the printing resolution.
Disable Blank Page Print	Enable, Disable	When this is specified, blank pages with no print data will not be printed.

Web Page Settings

Item	Settings	Description
2-Sided Print	1-Sided, 2-Sided (Book) , 2-Sided (Tablet)	When [2-Sided (Book)] is selected, two-sided printing takes place so as to allow binding at the left side. When [2-Sided (Tablet)] is selected, two-sided printing takes place so as to allow binding at the top.
Color Mode	Auto , Black & White	Set the color mode.
Fit To Page	ON , OFF	Set whether the printed image is fit to the size of the paper.

PCL Settings

Item	Settings	Description
Symbol Set	Select one of 35 sets.	This specifies which country's characters (PCL symbol set) are assigned to certain of the symbols in the character code list. The factory default setting is [PC-8].
Font	Select one internal font.	This specifies which PCL font to use for printing. One font can be specified from among the internal fonts. The factory default setting is [0: Courier].
Line Feed Code	CR=CR; LF=LF; FF=FF, CR=CR+LF; LF=LF; FF=FF, CR=CR; LF=CR+LF; FF=CR+FF, CR=CR+LF; LF=CR+LF; FF=CR+FF	This specifies the line break code by means of a combination of the "CR" (return) code, "LF" (line break) code, and "FF" (page break) code. The factory default setting is printing based on the transmitted code. The setting can be changed by selecting one of four combinations.

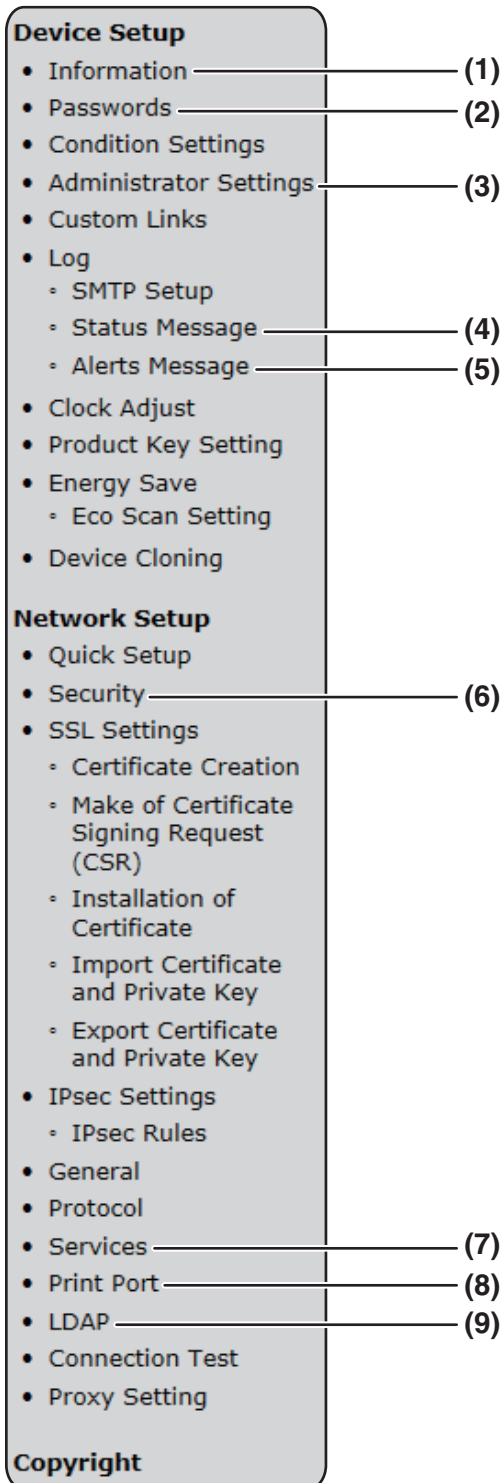
PostScript settings

Item	Settings	Description
Print PS Errors	Enable, Disable	When this setting is enabled, an error description is printed each time a PostScript error occurs.

ABOUT THE WEB PAGES (FOR THE ADMINISTRATOR)

In addition to the menus that appear for users, other menus that can only be used by the administrator appear in the administrator Web pages.

A menu frame appears on the left side of the page. When you click an item in the menu, a screen appears in the right frame that allows you to configure settings for that item. Settings that can only be configured by the administrator are explained here.



(1) Information

Configure machine identification information for the status & alert E-mail function.

▶ [INFORMATION SETUP \(page 17\)](#)

(2) Passwords

To protect the Web site, the system administrator can establish passwords. Enter a password that you would like to establish and click the [Submit] button.

One password can be established for the administrator and one password can be established for users.

▶ [PROTECTING INFORMATION PROGRAMMED IN THE WEB PAGE \(\[Passwords\]\) \(page 14\)](#)

(3) Administrator Settings

Setting changes can be prohibited and interface settings can be configured.

▶ [ADMINISTRATOR SETTINGS \(page 15\)](#)

(4) Status Message

Configure parameters required for sending status messages, such as destination addresses and time schedules.

▶ [STATUS MESSAGE SETUP \(page 18\)](#)

(5) Alerts Message

Store destination addresses for alert messages.

▶ [ALERTS MESSAGE SETUP \(page 18\)](#)

(6) Security

Unused ports can be disabled for greater security and port numbers can be changed.

(7) Services

Configure information concerning the e-mail, DNS, SNMP, Kerberos and mDNS system. For the settings of e-mail, see [SMTP SETUP \(page 17\)](#).

(8) Print Port

Configure settings for LPD, Raw, WSD and FTP print.

(9) LDAP

Configure settings for LDAP.

CONFIGURING THE SCANNER CONDITION SETTINGS

STORING DESTINATIONS

To store scanning destinations, click [Destination] in the Web page menu frame. This screen can also be used to edit or delete stored destinations.



For transmission destination settings, refer to the User's Manual (Address Book Registration).

BASIC SETTINGS FOR NETWORK SCAN (FOR THE ADMINISTRATOR)

To use the Network Scan function, setting from the Web page is required. Click the menu frame and configure the required settings. A password is required to access this screen. These settings should only be configured by the network administrator.

1

Image Send Management

- Destination
- Network Scanning

Click [Network Scanning] in the menu frame.

The Network Scanning setup page appears.

2

Select the scanner mode.

In the "Enable Scanner Delivery to:" field, click the checkbox so that a checkmark appears in the checkbox.

3

Select the method for assigning a file name to a scanned image.

Select the method for assigning a file name to a scanned image. In "File Naming", click the items that you wish to use in the file name. "Date & Time" is initially selected.

4

Click [Submit].

After entering the settings, be sure to click [Submit] to store them.

CONFIGURING SMTP, DNS AND LDAP SERVER SETTINGS

The procedures for using [Quick Setup] are explained here. [Quick Setup] is used to quickly configure only the required settings for "SMTP", "DNS", and "LDAP" servers. These settings are normally configured first.

- SMTP server: SMTP is used to transmit e-mail that is sent using Scan to E-mail.
To use these transmission methods, your SMTP server settings must be configured.
- DNS server: If you entered a host name in "Primary SMTP Server" or "Secondary SMTP Server" of "SMTP", you must also configure your DNS server settings.
You will also need to configure your DNS server settings if host names will be entered in "Hostname or IP Address" when storing destinations for Scan to Desktop.
- LDAP server: If mail addresses are managed on your network by an LDAP server, the e-mail addresses stored in the LDAP server can be used for Scan to E-mail.
To allow the machine to use the e-mail addresses in the LDAP server, the LDAP server settings must be configured in the Web page.

1

Network Setup

- Quick Setup
- Security
- SSL Settings
- Certificate Creation

Click [Quick Setup] in the menu frame.

2

Enter the required information in "SMTP", "DNS" and "LDAP".

3

When you have completed all of the entries, click [Submit].

The entries will be stored.



If you need to configure advanced settings for the SMTP, DNS, and LDAP servers, follow the procedures below.

- Configuring SMTP and DNS server settings
Click [Services] in the menu frame to display the services setup screen. Select the desired server and then configure the required parameters for that server.
 - Configuring LDAP server settings
Click [LDAP] in the menu frame to display the LDAP setup screen. Configure the required parameters.
-

PROTECTING INFORMATION PROGRAMMED IN THE WEB PAGE ([Passwords])

Passwords can be set (click [Passwords] in the menu frame) to restrict Web page access and protect settings. The administrator must change the password from the factory default setting. The administrator must also take care to remember the new password. The next time the Web pages are accessed, the new password must be entered. A password can be set for the administrator and a password can be set for users.

1

Click [Passwords] in the menu frame.

2

Enter the current password in "Admin Password".

When establishing a password for the first time, enter "admin" in "Admin Password".



Be sure to enter "admin" in lower case (passwords are case sensitive).

3

Enter passwords in "User Password" and "Admin Password".

- A maximum of 255 characters and/or numbers can be entered for each password (passwords are case sensitive).
- Be sure to enter the same password in "Confirm Password" as you did in "New Password".

4

When you have finished entering all items, click [Submit].

The entered password is stored.

After setting the password, turn the machine power off and then back on.



When prompted to enter a user name, a user should select "Users" and an administrator should select "administrator" in "Login Name". In "Password", the respective password for the selected login name should be entered.

ADMINISTRATOR SETTINGS

The administrator settings are used to prohibit changes to the [Condition Settings] and to configure interface settings.

- "Default settings": Select the setting for which you wish to prohibit changes.
- "Paper Weight": The temperature of toner fusing is controlled according to the weight of the paper that is used.
- "Interface settings": Enable monitoring of data sent to the network port and set restrictions.

CONFIGURING A SETTING IN THE ADMINISTRATOR SETTINGS

1

Click [Administrator Settings] in the menu frame.

The "Default Settings" screen of the [Administrator Settings] will appear. If you wish to select a setting in the "Default Settings" screen, go to step 3.

2

Click the desired setting, and make a selection for the setting in the screen that appears.

See "[ADMINISTRATOR SETTINGS \(page 15\)](#)" for descriptions of the settings.

3

Click [Submit] to store the entered information.

ADMINISTRATOR SETTINGS

When "YES, NO" appears in the "Settings" column, "YES" is selected when a checkmark appears in the checkbox of the item, and "NO" is selected when checkmark does not appear.

Default settings

Item	Settings	Description
Prohibit Test Page Printing	YES, NO	This setting is used to prohibit printing of a printer test page.
Disable Default Setting Changes	YES, NO	This setting is used to prohibit changes to the default condition settings.
A4/Letter Size Auto Change	YES, NO	When printing an A4 (8-1/2" x 11") size image, this setting allows 8-1/2" x 11" (A4) size paper to be used if A4 (8-1/2" x 11") size paper is not loaded.
Enable Detected Paper Size in Bypass Tray	YES, NO	This is used to prohibit printing when the paper size specified for a print job is different from the paper size inserted in the bypass tray.
Enable Selected Paper Type in Bypass Tray	YES, NO	This is used to prohibit printing when the paper type specified for a print job is different from the paper type inserted in the bypass tray.
List Prints	1-Sided, 2-Sided Print	This is used to prohibit printing when the paper type specified for a print job is different from the paper type inserted in the bypass tray.

Paper Weight

Item	Settings	Description
Paper Weight	60 - 89 g/m² (16 - 23 lb) 90 - 105 g/m ² (23+ - 28 lb.)	These are used to control the toner fusing temperature according to the weight of the paper.

Paper Type for Auto Paper Selection

Item	Settings	Description
Plain 1	Enable , Disable	Select the paper types that will be selectable by auto paper selection.
Plain 2	Enable , Disable	
Recycled	Enable, Disable	

Plain Paper Settings

Item	Settings	Description
Plain Paper Settings	Plain 1 , Plain 2	In this machine, paper type is divided between plain paper 1 and plain paper 2. When printing on plain paper with a printer driver that is not compatible with plain paper 1 and plain paper 2, you can set which paper type to use for printing.

Interface settings

Item	Settings	Description
I/O Timeout	1- 60 - 999 (sec)	During reception of a print job, if remaining data is not received after the time set here elapses, the port connection is broken and the next print job is begun.
Emulation Switching	Auto , PostScript, PCL	Select the printer language. When [Auto] is selected, the language is automatically selected from the data sent to the printer. Unless errors occur frequently, do not change the setting from [Auto] to another setting.
Port Switching Method	Switch at End of Job, Switch after I/O Timeout	Select the method for switching network ports.

E-MAIL STATUS AND E-MAIL ALERT SETTINGS

These functions send information on machine use (print count, copy count, etc.) and error conditions (paper misfeed, out of paper, out of toner, etc.) via e-mail to the administrator of the machine or the dealer.

INFORMATION SETUP

Machine identification information for the status and alert e-mail functions is configured in the "Information Setup" screen. The entered information will be included in status and alert e-mail messages.

1 Click [Information] in the menu frame.

The "Information Setup" screen will appear.

2 Enter the machine information.

3 Click [Submit] to store the entered information.

SMTP SETUP

The Status and alert e-mail functions use SMTP (Simple Mail Transport Protocol) to send e-mail. The following procedure is used to set up the e-mail environment. This must be done by the system administrator or other person familiar with the network.

1 Click [SMTP Setup] in the menu frame.

The "SMTP Setup" screen will appear.

2 Enter information on the SMTP server environment used for E-mail status and E-mail alerts.

3 Click [Submit] to store the entered information.



To use the SMTP server settings set in the network settings, enable [Use SMTP Server in [Network Settings]].

STATUS MESSAGE SETUP

Use the status message function to send the current counter information, including the copy count, print count, and total output count, based on the specified schedule. The destinations can be set for administrators and dealers respectively.

1

Click [Status Message] in the menu frame.

The "Status Message Setup" screen will appear.

2

Enter the required information, including the destination addresses and time schedule.

3

Click [Submit] to store the entered information.

When the E-mail Status settings are completed, printer count information will be sent periodically by e-mail to the specified e-mail addresses.



If you quit the browser before clicking [Submit], the settings will be canceled. To send printer information immediately to the specified e-mail addresses, click [Send Now].

ALERTS MESSAGE SETUP

Use the alert message function to send alert information, such as empty toner and paper and trouble including paper misfeeds, to specified destinations when such problems occur. The destinations can be set for administrators and dealers respectively.

To set up the alert message, follow the procedure below.

1

Click [Alerts Message] in the menu frame.

The "Alerts Message Setup" screen will appear.

2

Enter the destination addresses.

3

Click [Submit] to store the entered information.

If these parameters are set, event information for the printer will be transmitted to the specified addresses via E-mail each time a specified event occurs. The meaning of each event item is shown below.

(Example)

Paper Jam:	A paper misfeed has occurred.
Toner Low:	Toner is low.
Toner Empty:	Toner must be added.
Paper Empty:	Paper must be loaded.



If you quit the browser before clicking [Submit], the settings will be canceled.

MAIN SETTINGS ON THE WEB PAGE

When you have finished configuring the settings, click the [Submit] button to save your settings.



Web page settings

- When enabled or disabled, some items may cause other settings to become unusable, or may automatically determine other settings.
- If incorrectly set, some settings such as network settings may prevent the machine from communicating. The settings should only be configured by a person with a sufficient knowledge of how the settings work.
- With some models, some items may not be usable or may require installation of peripheral devices or other options. In some cases, settings that do not appear in the list may be added, or settings may be deleted, due to updates or improvement of the specifications.

Setting item	Description
Top screen	
System Information	
Device Status	Shows the status of the machine.
Device Configuration	Shows the status of the machine's peripheral devices.
Network Status	Shows information on the network.
Image Send Management	
Destination Management	Configure transmission destination (address) settings.
Network Scanning	Configure network scanning settings.
Inbound Routing Settings	Configure settings for forwarding received data.
Function	
List Print (User)	Print various lists.
List Print (Administrator)	Print web settings and user information.
Link	
Device Management	
Admin Mode	
Account Control	Configure user management settings.
Device Setup	
Information	Configure the machine name and other settings.
Passwords	Configure password settings.
Condition Settings	Configure settings for the print function.
Administrator Settings	Configure advanced print settings.
Custom Links	Configure settings for the link that appears when you click custom link.
Log	Configure E-mail status and E-mail alert settings.
Clock Adjust	Configure date and time settings.
Product Key Setting	Configure product key settings.
Energy Save	Configure energy save settings such as machine power consumption.
Device Cloning	Configure settings for importing/exporting machine setting files.

Setting item	Description
Network Setup	
Quick Setup	Configure basic network settings.
Security	Configure security settings.
SSL Settings	Configure settings for SSL communication and the associated certificate.
IPsec Settings	Configure IPsec settings.
General	Configure general network settings.
Protocol	Configure protocol settings.
Services	Configure settings for network services such as DNS and SMTP.
Print Port	Configure print port settings.
LDAP	Configure LDAP settings.
Connection Test	Perform a test transmission to a global address book or SMTP server.
Proxy Setting	Configure proxy settings.
Wireless Settings	Configure wireless LAN settings.
Operation Manual Download	
Download Language	Select the language for the operation manual.
Copyright	

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