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Epson AcuLaser CX37 Series

Reference Guide

NPD4735-00 EN

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Kerberos

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Chapter 1

Operation on Linux

System Requirements

Operating systems	Red Hat Enterprise Linux 5 Desktop SUSE Linux Enterprise Desktop 10
Connecting the computer and printer	USB connection, Network connection (10Base-T/100Base-TX/1000Base-T)
RAM	More than OS recommendation (128 MB or more is recommended)
Network	LPR
	AppSocket/HP JetDirect
	IPP
Available hard disk space	256 MB or more

Note:
As an example, the descriptions of the operations for Red Hat Enterprise Linux 5 are provided in this chapter.

Installing PPD File From the Command Line

Note:

❏ *Before proceeding with the installation, be sure to exit all running applications.*

❏ *Root privileges are required in order to install ppd file.*

1. Copy the ppd file from the Software Disc to the "/usr/share/cups/model" on the computer.

   Note:
   A ppd file for each language is available in the corresponding "Drivers/LinuxPPD/ language" folder on the Software Disc. Use the appropriate ppd file for the language.

2. From the Main Menu, select **Applications**, then **Accessories**, then **Terminal**.

3. Enter the command "/etc/init.d/cups restart".

4. Quit Terminal.

Adding the Printer Using Printer configuration

Note:

❏ *Before proceeding with the installation, be sure to exit all running applications.*

❏ *Root privileges are required in order to add the printer.*

1. Connect the printer to a computer or the network.

   ❏ With a USB connection, the Specify Printer Driver dialog box appears. Click **Cancel** to close the dialog box.

2. Insert the Software Disc in the CD/DVD drive of your computer.

3. From the **System** menu, select **Administration**, then **Printing**.

4. Click **New Printer**.

5. Enter the printer name, description, and location, and then click **Forward**.

   The printers that can be used are automatically searched for and listed in the left pane of the dialog box.

6. From the left pane of the dialog box, select the port for the printer to be installed.

   ❏ If the desired printer is not listed, select a device port from the **Devices** list. In the right pane of the dialog box, type in the host name or IP address for the printer.

   Note:

   ❏ *TCP/IP:* ***AppSocket/HP jetDirect****,* ***Internet Printing Protocol (ipp)*** *or* ***LPD/LPR Host or Printer***

   ❏ *Host name of Internet Printing Protocol (ipp): <IP address>/ipp*

7. Click **Forward**.

8. Select **Provide PPD file**.

9. Click the folder icon.

10. Select the PPD file.

    Note:
    A ppd file for each language is available in the corresponding "Drivers/LinuxPPD/ language" folder on the Software Disc. Use the appropriate ppd file for the language.

11. Click **Open**.

    The name of the selected PPD file is displayed.

12. Click **Forward**.

13. Click **Apply**.

Adding the Printer on the CUPS Administration Web page

Note:

❏ *Before proceeding with the installation, be sure to exit all running applications.*

❏ *Root privileges are required in order to add the printer.*

1. Connect the printer to a computer or the network.

   ❏ With a USB connection, the Specify Printer Driver dialog box appears. Click **Cancel** to close the dialog box.

2. Start up the Web browser.

3. Enter the URL "http://localhost:631".

4. Click **Add Printer**.

5. Enter the printer name, location, and description, and then click **Continue**.

6. Select a Device Port from the Device list, then click **Continue**.

   ❏ TCP/IP: AppSocket/HP JetDirect, Internet Printing Protocol (http) or LPD/LPR Host or Printer

   ❏ USB: USB Printer #1

7. For a USB connection, skip to step 9. Enter the device URI in the following form: socket://<Printer IP or Printer Hostname>:port

   Note:
   Example:
   Using Printer IP - socket://192.168.1.190:9100
   Using printer Hostname - socket://Hostname:9100
   Hostname may be substituted by IP Address, and Port is optional.

8. Click **Continue**.

9. Select **Epson**, click **Continue**.

   Note:
   A ppd file for each language is available in the corresponding "Drivers/LinuxPPD/ language" folder on the Software Disc. Use the appropriate ppd file for the language.

10. Select the printer name, then click **Add Printer**.

11. Enter the user name and password for using root privileges, and then click **OK**.
    The Set Printer Options window appears.

Specifying Printer Driver Settings

Displaying the Settings Page

1. Start up the Web browser.

2. Enter the URL "http://localhost:631", and then click **Manage Printers**.

3. Click **Set Printer Options**.

Printer Driver Settings

Options Installed

Parameters	Settings
Paper Source Unit	Select **Unit 3** if an optional 500-sheet paper cassette unit for the printer has been installed. Default: **Disabled**
Storage	Select **None** or **HDD** for the storage unit that is installed. Do not select **CF(1GB Over)**, because the printer does not support CompactFlash cards. Default: **None**
Duplex Unit	Select the setting for the duplex unit. Default: **Enabled**
Printer Memory	Select **256 MB** or **768 MB** if an optional memory for the printer has been installed. Default: **256 MB**

General

Parameters	Settings
Paper Type	Specifies the paper type. Default: **Auto**
Paper Source	Specifies the paper source. Default: **Tray 1**
Manually Print on 2nd side	Select whether or not to print on the back side of paper that has already been printed on. Default: **Off**
Paper Sizes	Specifies the paper size. An irregular paper size cannot be selected.
Collate	If **On** is selected, all pages in the documents are printed as sets of printouts. Default: **Off**

Parameters	Settings
Duplex Options	Specifies the duplex print binding position, if the duplex unit for the printer has been installed. Default: **Simplex**
Select Color	Specifies the color for printing as **Color** or **Grayscale**. Default: **Color**
Color Separation	Specifies the color separation. Default: **Off**
Brightness	Specifies the brightness of the image. Default: **0%**
Edge Strength	Set the edge strength. Default: **Middle**
Economy Print	Select whether or not economy printing is used. Default: **Off**
Auto Trapping	Select whether or not neighboring colors are printed superimposed in order to prevent white space around images. Default: **Off**
Black Over Print	Specify whether black objects are printed (superimposed) on a neighboring color in order to prevent white space around black characters or figures. If **Text/Figure** is selected, superimposed printing is applied to text and graphics. If **Text** is selected, superimposed printing is applied to text. Default: **Off**

Image Options/Text Options/Graphics Options

Parameters	Settings
Image RGB Source/Text RGB Source/ Graphics RGB Source	Specifies RGB source for image/text/graphics as **None**, **sRGB**, **Adobe RGB (1998)**, **Apple RGB**, **ColorMatch RGB**, or **Blue Adjust RGB**. Default: **sRGB**
Image RGB Intent/Text RGB Intent/ Graphics RGB Intent	Specifies RGB intent for image/text/graphics as **Vivid**, **Photographic**, **Relative Color**, or **Absolute Color**. Default: **Vivid** (for text/graphics), **Photographic** (for image)

Parameters	Settings
Image RGB Gray Treatment/Text RGB Gray Treatment/Graphics RGB Gray Treatment	Specifies the RGB Gray Treatment as **Composite Black**, **Black and Gray**, or **Black Only**. Default: **Black and Gray**
Image Halftone/Text Halftone/Graphics Halftone	Specifies the halftone for image/text/graphics as **Line Art**, **Detail**, or **Smooth**. Default: **Line Art** (for text), **Detail** (for image/graphics)
Image Edge Enhancement/Text Edge Enhancement/Graphics Edge Enhancement	Select whether image/text/graphics edges are emphasized. Default: **Off** (for image), **On** (for text/graphics)

Simulation

Parameters	Settings
Simulation Profile	Specifies the simulation profile as **None**, **SWOP**, **Euroscale**, **Commercial Press**, **Japan Color**, **DIC**, or **TOYO**. Default: **None**
Match Paper Color	Specifies the Match Paper Color. Default: **Off**
CMYK Gray Treatment	Specifies simulation gray treatment as **Composite Black**, **Black and Gray**, or **Black Only**. Default: **Composite Black**

Banners

Parameters	Settings
Starting Banner	Specifies the starting banner as **none**, **classified**, **confidential**, **mls**, **secret**, **selinux**, **standard**, **te**, **topsecret**, or **unclassified**. Default: **none**
Ending Banner	Specifies the ending banner as **none**, **classified**, **confidential**, **mls**, **secret**, **selinux**, **standard**, **te**, **topsecret**, or **unclassified**. Default: **none**

Printing a Document

The contents and available options that appear in the print dialog box may vary depending on the application being used.

Example Using OpenOffice

Note:

- ❏ *The procedure for printing on Red Hat Enterprise Linux 5 with OpenOffice 2.0.4 is described below. The following procedure or some steps may be different depending on the version of the operating system being used.*
- ❏ *First, add the printer to the system.*
  For details on adding a printer to the system, refer to "Adding the Printer Using Printer configuration" on page 28 or "Adding the Printer on the CUPS Administration Web page" on page 29.

1. From the **Application** menu, select **Office**, then **Word Processor**.
2. Open the document to be printed.
3. Click **Print** in the **File** menu.
4. Select the name of the printer.
5. Click **Print** to print the document.

Checking Print Jobs

1. Start up the Web browser.
2. Enter the URL "http://localhost:631".
3. Click **Manage Jobs**.

Note:
*To check the status of completed print jobs, click **Show Completed Jobs**.*

Troubleshooting

Symptom	Action
The printer stops because of a paper size error or a paper type error.	The job may have been sent with a prohibited combination of settings (for example, for the paper size and media type). Printing is not possible with postcards or overhead projector transparencies if **Plain Paper** is selected.
Printing does not continue with a custom paper size.	Printing with custom paper sizes is not possible directly from the printer driver. This can only be performed from the command line. Specify the following command to print data. lpr -P *[printer_name]* -o media=Custom. [WIDTHxLENGTH] *[file_name]* 1. Format of Custom. [WIDTHxLENGTH]: Custom.150x200mm, Custom.8x11in, Custom.15x20cm, or Custom. 612x782 (postscript points) 2. The specified file must be a PS, PDF or JPEG file.
Printing cannot be completed correctly from OpenOffice or any other Office application (such as, Kword).	Applications running under Linux have their own print settings. Some of these functions may not be supported by this printer. Observe the following for best printing results. ❏ Settings made within the application: Paper size and orientation ❏ Settings made with the printer driver (kprinter): Settings other than those specified above (for example, paper type, tray, and resolution)
When printing from Acrobat Reader, part of the image is printed in solid black or the job is interrupted.	There is a compatibility problem between Ghostscript and Acrobat Reader. Try using a different PDF application.
Watermarks cannot be printed from Kword.	This is a bug with Kword. Use Overlay instead.

Chapter 2

Operation on NetWare

Printing With NetWare

Network Printing in a NetWare Environment

NetWare Version	Protocol Used	Emulation	Service Mode
NetWare 4.x	IPX	Bindery/NDS	Pserver/Nprinter
NetWare 5.x/6	IPX	NDS	Pserver
	TCP/IP	NDPS(lpr)	

For Remote Printer Mode With NetWare 4.x Bindery Emulation

Note:
Before using bindery emulation, check that bindery emulation is compatible with the NetWare server.

1. From a client computer, log on with Supervisor permissions to access the NetWare server where the Pserver is registered.

2. Start up Pconsole.

3. From the Available Options list, select **Quick Setup**, and then click the **Enter** button.

4. Enter the appropriate names in the Printer Server Name, Printer Name, Print Queue Name, and Print Queue Volume fields, select **Other/ Unknown** from the Printer type field, and then save the specified settings.

5. Click the **Esc** button to quit Pconsole.

6. Use the NetWare server console to load PSERVER.NLM.

   Note:
   For queue user privileges, printer notification option, assignment of multiple queues, and passwords, refer to the NetWare documentation, and specify settings as necessary.

7. In Administrator mode of Web-Based EpsonNet Config, select **NetWare** from the Network tab, and then specify the following settings.

   ❏ NetWare Print: Select **Enable**.

   ❏ Frame Type:
   Select **Auto**. (Select the frame type according to the network environment.)

   ❏ Mode: Select **NPrinter/RPrinter**.

   ❏ Printer Name:
   Specify the printer name. (Default: AL-CX37-xxxxxx)

   ❏ Printer Number:
   Specify the printer number (0-255). When 255 is specified, the setting is **Auto**.

8. Restart the printer.

9. Use the NetWare server console to display the print server screen, and then check that the created printer is shown as Waiting for Job for the connected printer (0).

For Print Server Mode With NetWare 4.x Bindery Emulation

Note:
Before using bindery emulation, check that bindery emulation is compatible with the NetWare server.

1. From a client computer, log on with Supervisor permissions to access the NetWare server where the Pserver is registered.

2. Start up Pconsole.

3. From the Available Options list, select **Quick Setup**, and then click the **Enter** button.

4. Enter the appropriate names in the Printer Server Name, Printer Name, Print Queue Name, and Print Queue Volume fields, select **Other/ Unknown** from the Printer type field, and then save the specified settings.

5. Click the **Esc** button to quit Pconsole.

6. In Administrator mode of Web-Based EpsonNet Config, select **NetWare**. from the Network tab, and then specify the following settings.

- ❏ NetWare Print: Select **Enable**.
- ❏ Frame Type:
  Select **Auto**. (Select the frame type according to the network environment.)
- ❏ Mode: Select **PServer**.
- ❏ Print Server Name:
  Specify the print server name created in step 4.
- ❏ Print Server Password:
  Specify only when setting from the NetWare server.
- ❏ Print Queue Scan Rate: Specify 1. (Change as necessary.)
- ❏ Bindery/NDS: Select **Bindery/NDS**.
- ❏ Preferred File Server:
  Specify the name of the file server that connects to the Pserver.

7. Restart the printer.
8. Use the NetWare server console to load MONITOR.NLM.
9. Select the connection information and, in the active connection column, check that the created Pserver is connected.

For NetWare 4.x Remote Printer Mode (NDS)

1. Log on to NetWare as an administrator from a client computer.
2. Start up NWadmin.
3. Select either the organization or organizational unit container that offers the print service, and then click **Print Services Quick Setup** on the Tools menu.
4. Enter the appropriate names in the Printer Server Name, Printer Name, Print Queue Name, and Print Queue Volume fields, select **Other/ Unknown** from the Printer type field, and then save the specified settings.

   Note:
   For queue user privileges, printer notification option, assignment of multiple queues, and passwords, refer to the NetWare documentation, and specify settings as necessary.

5. In Administrator mode of Web-Based EpsonNet Config, select **NetWare** from the Network tab, and then specify the following settings.

   ❏ NetWare Print: Select **Enable**.

   ❏ Frame Type:
   Select **Auto**. (Select the frame type according to the network environment.)

   ❏ Mode: Select **NPrinter/RPrinter**.

   ❏ Printer Name:
   Specify the printer name. (Default: AL-CX37-xxxxxx)

   ❏ Printer Number:
   Specify the printer number (0-255). When 255 is specified, the setting is **Auto**.

6. Restart the printer.

7. Use the NetWare server console to load PSERVER.NLM.

8. Use the NetWare server console to display the print server screen, and then check that created printer is shown as Waiting for Job for the connected printer (0).

For NetWare 4.x/5.x/6 Print Server Mode (NDS)

Note:
To use the Print Server mode, the IPX protocol must be loaded on the NetWare server.

1. Log on to NetWare as an administrator from a client computer.

2. Start up NWadmin.

3. Select either the organization or organizational unit container that offers the print service, and then click **Print Services Quick Setup (non-NDPS)** on the Tools menu.

4. Enter the appropriate names in the Printer Server Name, Printer Name, Print Queue Name, and Print Queue Volume fields, select **Other/ Unknown** from the Printer Type field, and then click the **Create** button.

   Note:
   For queue user privileges, printer notification option, assignment of multiple queues, and passwords, refer to the NetWare documentation, and specify settings as necessary.

5. In Administrator mode of Web-Based EpsonNet Config, select **NetWare** from the Network tab, and then specify the following settings.

   ❏ NetWare Print: Select **Enable**.

   ❏ Frame Type:
   Select **Auto**. (Select the frame type according to the network environment.)

   ❏ Mode: Select **PServer**.

   ❏ Print Server Name: Specify the print server name created in step 4.

   ❏ Print Server Password: Specify only when setting from the Net-Ware server.

   ❏ Print Queue Scan Rate: Specify 1. (Change as necessary.)

   ❏ Bindery/NDS: Select **NDS**.

   ❏ Preferred NDS Context Name:
   Specify the name of the context that connects to Pserver.

   ❏ Preferred NDS Tree Name:
   Specify the name of the tree that Pserver logs on to.

6. Restart the printer.

7. Use the NetWare server console to load MONITOR.NLM.

8. Select the connection information and, in the active connection column, check that the created Pserver is connected.

For NetWare 5.x/6 Novell Distributed Print Service (NDPS)

Note:

❏ *Before specifying settings for NDPS, check that the NDPS broker and NDPS manager have been created and loaded.*

❏ *Also, before performing the following procedure, check that the TCP/ IP protocol has been set in the NetWare server, and check that the IP address has been set for this machine and that this machine is on.*

1. Log on to NetWare as an administrator from a client computer.

2. Start up NWadmin.

3. Right-click the organization or organizational unit container where you will create the printer agent, and then click **NDPS Printer** on the Create submenu.

4. In the NDPS Printer Name box, enter the printer name.

5. In the Printer Agent Source column, select **Create a New Printer Agent**, and then click the **Create** button.

6. Check the printer agent name, and then in the NDPS Manager Name box, browse through the NDPS manager names, and register one.

7. In the Gateway Types, select **Novell Printer Gateway**, and then register it.

8. In the Configure Novell PDS for Printer Agent window, select **(None)** for the printer type and **Novell Port Handler** for the port handler type, and then register the settings.

9. In Connection type, select **Remote (LPR on IP)**, and then register it.

10. Enter the IP address set for this machine as the host address, enter **Print** as the printer name, and then click the **Finish** button to register the settings.

11. The printer driver registration screen appears. Select **None** for each operating system to complete the registration.

    Note:
    For settings for the queue user rights, printer notification option, assignment of multiple queues, and passwords, refer to the NetWare documentation, and set them as necessary.

Setting Up a Client (Windows) Settings When Using the NetWare Server

1. Open the printer's **Properties** window.

2. In the port settings, browse the network, and specify the name of the created queue (or NDPS printer name).

3. In the Printer Model list, specify the folder on the Software Disc that contains the printer driver for the operating system and printer driver to be used.

4. Follow the on-screen instructions to complete the installation.

Chapter 3

Using Local Setup Program (for Epson AcuLaser CX37DNF only)

About Local Setup Program (LSP)

By installing Local Setup Program (LSP) onto a computer connected to the machine, you can add, edit, delete of Addressbook, and check the counters and machine status from the computer.

The following operations can be performed using LSP.

- ❏ Save speed dialing, group dialing and favorite information onto a computer
- ❏ Change speed dialing, group dialing and favorite information
- ❏ Print speed dialing, group dialing and favorite information specified with this utility.
- ❏ Check the counters and machine status

LSP Operating Environment

The following environment is required in order to install LSP onto a computer.

Item	**Operating environment**
Operating system	Windows XP for 32 bit/64 bit Windows Vista for 32 bit/64 bit Windows 7 for 32 bit/64 bit Windows Server 2003 for 32 bit/64 bit Windows Server 2008 for 32 bit/64 bit Windows Server 2008 R2
Processor	Pentium II or faster
Memory	Memory capacity recommended for the operating system. There should be enough memory for the operating system and the applications used.
Available hard disk space	100 MB or more
Connecting the computer and the machine	USB connection (USB 2.0 (High-Speed))
Web browser	Internet Explorer version 6.0 or later

Note:

- ❏ *Use a USB cable with an A-type connector (4-pin male) and a B-type connector (4-pin male). We recommend that the USB cable be no more than 3 meters (10 feet) long.*
- ❏ *The printer driver for this machine and the TWAIN driver must be installed on the computer.*

Installing LSP

You can install LSP from the Software Disc.

Note:

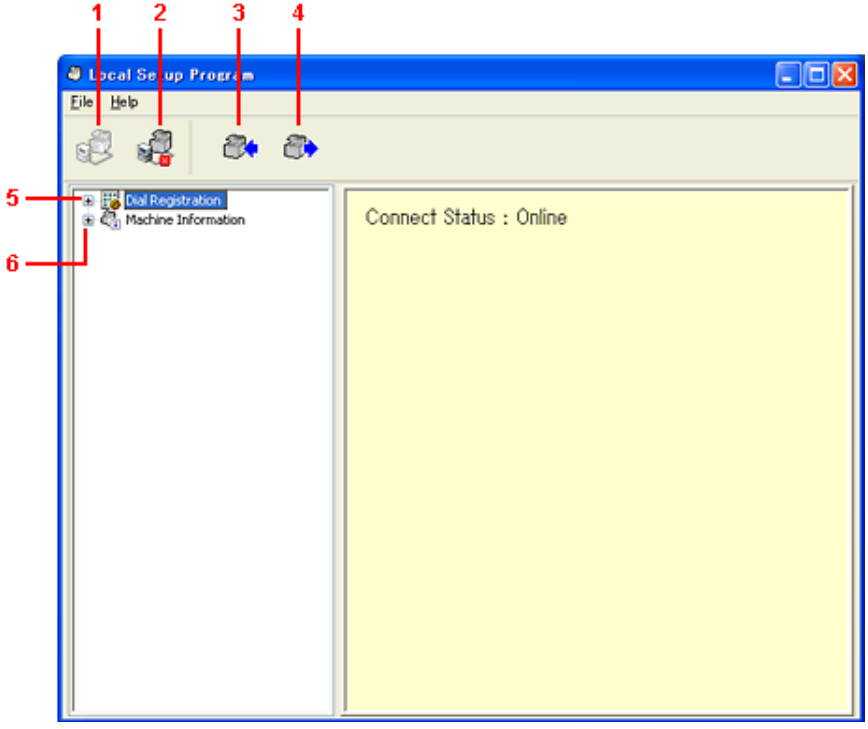
- ❏ *You must have administrator privileges in order to install the LSP.*
- ❏ *If the User Account Control window appears when installing on - Windows Vista, click the **Continue** button or the **Yes** button.*

Starting Up LSP

1. Click the **Start** button, point to **EPSON**, **Epson AcuLaser CX37**, **LSP** and then click **EPSON AL-CX37 Local Setup Program**.

   The main window of LSP appears.

Main LSP Window



No.	Name	Description
1	Connect button	Click this button to connect the machine with the computer.
2	Disconnect button	Click this button to cut the connection between the machine and the computer.
3	Upload button	Click this button to send the settings file to the machine.
4	Download button	Click this button to send the machine's settings to the computer.
5	Dial Registration	Click + beside the machine icon to display the machine speed dialing, group dialing and favorite settings.
6	Machine icon	Click + beside the machine icon to display the machine information. For details, refer to "Displaying Machine Information" on page 51.

Connecting to the Machine

1. Click .

When LSP is connected to the machine, **Connect Status: Online** appears.

Note:
While operations are being performed in LSP, the machine cannot be operated from its control panel.

Downloading Information from the Machine

Click to download all information programmed on the machine.

Uploading Information to the Machine

Click to upload all information to be programmed on the machine.

Dial Import/Dial Export

By clicking **Dial Import** on the File menu, all information for speed dialing, group dialing and favorites is imported onto the machine. This information can also be exported by clicking **Dial Export** on the File menu.

Note:
❏ *When machine information is imported or exported, the last file that was read and saved is opened.*

❏ *Do not import CSV files edited in Excel.*

Settings for dial destination

This section provides descriptions on the settings that appear for speed dialing, group dialing, favorites and machine information.

Programming a Speed Dial Number

1. Click + beside Dial Registration, and then click + beside the Speed Dial.

2. To register a fax or e-mail destination, click + beside Fax/E-mail. To register an FTP or SMB destination, click + beside Scan To Server.

3. From the tree that is displayed, click the speed dial number to be programmed, and then click **New Registration** button.

   Note:
   - ❏ *A maximum of 001-250 speed dial numbers can be programmed.*
   - ❏ *The registered list can be switched over when **Speed Dial Setting** is changed.*
   - ❏ *When **Fax/E-mail** or **Scan To Server** is selected, and **New Registration** button can be selected, non registered number is automatically assign the speed dial number.*

4. In the Speed Dial Registration dialog box, specify the desired settings.

   Note:
   - ❏ *To register a fax or e-mail destination, refer to "Adding a Speed Dial Number (Fax/E-mail)" on page 46.*
   - ❏ *To register an FTP or SMB destination, refer to "Adding a Speed Dial Number (Scan To Server)" on page 47.*

5. Click the **OK** button.

   Programming of the speed dial number is completed.

Adding a Speed Dial Number (Fax/E-mail)

The following procedures describe how to send scan data with a fax number or e-mail address. The transmission settings and destination can first be registered as a speed dial number.

For registering a fax number

1. Click the **New Registration** button.
2. Select **Fax**.
3. Specify the settings for the speed dialing.
   - ❏ A maximum of 20 characters can be entered for a name.
   - ❏ A maximum of 50 numbers can be entered for a fax number.
4. Click the **Details** button, and then specify the transmission speed and batch transmission time.

5. When registering speed dial numbers to a group, select from Add to Group list.

   These speed dial numbers cannot be added to groups registered with an e-mail address.

   Note:
   To edit a group dial, refer to "Programming/Editing a Group Dial" on page 49.

6. Click the **OK** button.

   The added speed dial number appears in the Dial Registration list.

For registering an E-mail address

1. Click the **New Registration** button.
2. Select **E-mail**.
3. Specify the settings for the speed dialing.

   ❏ A maximum of 20 characters can be entered for the name.

   ❏ A maximum of 64 characters can be entered for the E-mail address.

4. When registering speed dial numbers to a group, select from Add to Group list.

   These speed dial numbers cannot be added to groups registered with a fax number.

   Note:
   To edit a group dial, refer to "Programming/Editing a Group Dial" on page 49.

5. Click the **OK** button.

   The added speed dial number appears in the Dial Registration list.

Adding a Speed Dial Number (Scan To Server)

The following procedures describe how to send scan data via a server. The transmission settings and destination can first be registered as a speed dial number.

For FTP transmissions

1. Click the **New Registration** button.

2. Select **FTP**.
3. Specify the necessary information.
4. Click the **OK** button.

   The registered speed dial number appears in the Dial Registration list.

For SMB transmissions

1. Click the **New Registration** button.
2. Select **SMB**.
3. Specify the necessary information.
4. Click the **OK** button.

   The registered speed dial number appears in the Dial Registration list.

Editing a Speed Dial Number

1. Select the speed dial number to be edited.
2. Click the **Edit** button.

   Speed Dial Registration dialog box appears
3. Edit the settings as desired.
4. Click the **OK** button to apply the changes.

   The edited speed dial number appears in the Dial Registration list.

Deleting a Speed Dial Number

1. Select the speed dial number to be deleted.
2. Click the **Delete** button.

The speed dial number is deleted from the Dial Registration list.

Programming/Editing a Group Dial

The following procedure describes how to edit or delete a group dialing program.

Note:
Program group dialing after programming speed dial numbers. Add or delete destinations from group dialing by changing the settings for the registered speed dial destinations. For details, refer to "Editing a Speed Dial Number" on page 48.

1. Click + beside Dial Registration, and then click + beside the Group Dial.

2. From the tree that is displayed, click the group name to be edited.

   Note:
   - ❏ *Click + beside the group name, and then displays the speed dial number that registered in the group.*

   - ❏ *A maximum of 20 group dial can be programmed.*

   - ❏ *A maximum of 50 speed dial numbers can be programmed.*

3. Click **Edit** button.

   Note:
   If a speed dial number in a group is selected, the registered information for the speed dial number can be changed. For details, refer to "Editing a Speed Dial Number" on page 48.

4. Specify the name of the group.

5. Click the **OK** button.

   Editing of the group name is completed.

Registering to Favorites

This section provides details on registering speed dial numbers and group dial in the Favorite list. Frequently used speed dial numbers and group dial destinations can be registered in the Favorite list.

Note:
A maximum of 20 numbers can be registered to the favorite.

1. Click + beside Dial Registration, and then click **Favorite**.
2. Click the **New Registration** button.
3. Click **From Speed Dial** or **From Group Dial**.

   The corresponding list of registered destinations appears.
4. From the list, select the destination to be registered, and then click the **OK** button.

   The registered destination appears in the Dial Registration list.

   Note:
   To delete a destination from the Favorite list, select the desired destination, and then click the ***Delete*** *button.*

Printing the List of Speed Dial, Group Dial and Favorite

The settings specified on the machine for speed dialing, group dialing and favorites can be printed.

1. Click **Print** on the File menu.

   Select Print Item dialog box appears.
2. From the Select Print Item dialog box, select the list to be printed.

   ❏ If **All** is selected, all items in the list are printed.

   ❏ If **Select No.** is selected, the number selected in the list is printed.
3. Click the **OK** button.
4. Specify the appropriate settings in the Print dialog box, and then click the **OK** button.

   The list is printed.

Displaying Machine Information

The settings downloaded from the machine can be displayed. These settings can be used to view the counters or check the machine information.

Checking the Total Counter

1. Click + beside Machine Information menu, and then click **Total Counter**.

   The Total Counter dialog box appears.

Checking the Configuration Page

1. Click + beside Machine Information menu, and then click **Configuration Summary**.

   The Configuration Summary dialog box appears.

Uninstalling LSP

Note:

- ❏ *You must have administrator privileges in order to uninstall the LSP.*
- ❏ *If the User Account Control window appears when uninstalling on -Windows Vista, click the* ***Continue*** *button or the* ***Yes*** *button.*

1. Click the **Start** button, point to **EPSON**, **Epson AcuLaser CX37**, **LSP** and then click **Uninstall**.
2. Follow the on-screen instructions.

Troubleshooting

Symptom	Solution
It takes a long time to access the printer driver when LSP has established a connection to the machine.	Wait until it can be accessed.

Chapter 4

Understanding the Network Setting Menu

NETWORK SETTING Menu

Location within the Configuration Menu

Note:
The ADMIN. MANAGEMENT *menu is accessible only by the administrator. To display the settings for this menu, press* ▼ *to display* UTILITY*, and press* ***Select*** *key to display* MACHINE SETTING*, and then select* ADMIN. MANAGEMENT*, use the keypad to type in the 6-digits administrator access code (default : 000000), and then press the* ***Select*** *key.*

Accessing the Network Setting Menu

Use the following series of keystrokes at the printer to access the Network Setting menu options on your printer. This menu provides access to all of the configurable network items.

Press this key . . .	**(until) the message window reads . . .**
▼	UTILITY
Select ↵	ACCESSIBILITY
▼	ADMIN. MANAGEMENT
Select ↵	Use the keypad to input 6-digits administrator number.
Select ↵	PASSWORD SETTING
▼	NETWORK SETTING

Note:
The machine is automatically restarted if any of the following Ethernet settings are changed.

- ❏ *TCP/IP*
- ❏ *DHCP (Only when changed from DISABLE to ENABLE)*
- ❏ *BOOTP (Only when changed from DISABLE to ENABLE)*
- ❏ *ARP/PING (Only when changed from DISABLE to ENABLE)*
- ❏ *IPv6 - AUTO SETTING (Only when changed from NO to YES)*
- ❏ *NETWARE*
- ❏ *IEEE802.1X*

Using the Network Setting Menu Options

If the printer is connected to a network, the following settings should be specified. For details about each setting, contact your network administrator.

Note:
Do not use an IP address within the following ranges.

- ❏ *0.0.0.0 - 0.255.255.255*
- ❏ *127.0.0.0 - 127.255.255.255*
- ❏ *224.0.0.0 - 255.255.255.255*

TCP/IP

Purpose	Enables or disables TCP/IP.
Options	DISABLE/ENABLE
Default	ENABLE

IP ADDR. SETTING

IP ADDRESS

Purpose	Sets the IP address of this machine on the network.
Default	0.0.0.0

Range	0-255 for each xxx triplet Use the keypad to input each number; use the ◀ and ▶ keys to move between triplets.
Notes	A single digit number, such as "1", cannot be input as "001". Align the number on the left and input "1" as "1 _ _". Use the ◀ and ▶ keys to move between triplets. The **Back** key can also be used for deleting. To cancel IP Address menu, hold down the **Back** key for more than one second, and then press the **Back** key again after all settings have been cleared.

SUBNET MASK

Purpose	Sets the subnet mask of the network. The subnet mask allows you to limit access to your machine (for example, according to departmental divisions).
Default	0.0.0.0
Range	0-255 for each xxx triplet Use the keypad to input each number; use the ◀ and ▶ keys to move between triplets.
Notes	A single digit number, such as "1", cannot be input as "001". Align the number on the left and input "1" as "1 _ _". Use the ◀ and ▶ keys to move between triplets. The **Back** key can also be used for deleting. To cancel IP Address menu, hold down the **Back** key for more than one second, and then press the **Back** key again after all settings have been cleared.

GATEWAY

Purpose	Sets the address of the router/gateway when a router/gateway is used on your network and you allow users outside your network environment to print on your machine.
Default	0.0.0.0
Range	0-255 for each xxx triplet Use the keypad to input each number; use the ◀ and ▶ keys to move between triplets.

Notes	A single digit number, such as "1", cannot be input as "001". Align the number on the left and input "1" as "1 _ _". Use the ◀ and ▶ keys to move between triplets. The **Back** key can also be used for deleting. To cancel IP Address menu, hold down the **Back** key for more than one second, and then press the **Back** key again after all settings have been cleared.

DHCP

Purpose	If there is a DHCP server on the network, specifies whether the IP address and other network information is automatically assigned by the DHCP server.
Options	DISABLE/ENABLE
Default	ENABLE

BOOTP

Purpose	If there is a BOOTP server on the network, specifies whether the IP address and other network information is automatically assigned by the BOOTP server.
Options	DISABLE/ENABLE
Default	DISABLE

ARP/PING

Purpose	If the IP address cannot be acquired due to the DHCP or BOOTP address and if a fixed IP address cannot be acquired, the destination IP address of the ICMP (Ping) packet previously received by the machine can be acquired as the IP address of the machine.
Options	DISABLE/ENABLE
Default	DISABLE

HTTP

Purpose	Select whether or not to enable HTTP.
Options	DISABLE/ENABLE
Default	ENABLE

FTP SERVER

Purpose	Select whether or not to enable FTP server.
Options	DISABLE/ENABLE
Default	DISABLE

FTP TX

Purpose	Select whether or not to enable FTP client.
Options	DISABLE/ENABLE
Default	ENABLE

SMB

Purpose	Select whether or not to enable SMB.
Options	DISABLE/ENABLE
Default	ENABLE

BONJOUR

Purpose	Select whether or not to enable Bonjour.
Options	DISABLE/ENABLE
Default	ENABLE

DYNAMIC DNS

Purpose	Select whether or not to enable Dynamic DNS.
Options	DISABLE/ENABLE
Default	DISABLE

IPP

Purpose	Select whether or not to enable IPP.
Options	DISABLE/ENABLE

Default	ENABLE

RAW PORT

DISABLE/ENABLE

Purpose	Select whether or not to enable Raw port.
Options	DISABLE/ENABLE
Default	ENABLE

BIDIRECTIONAL

Purpose	Select whether or not to enable Bidirectional. If ENABLE is selected, Raw port is enabled for bi-directional communication. If DISABLE is selected, Raw port is disabled for bi-directional communication.
Options	DISABLE/ENABLE
Default	DISABLE

SLP

Purpose	Select whether or not to enable SLP.
Options	DISABLE/ENABLE
Default	ENABLE

SNMP

Purpose	Select whether or not to enable SNMP.
Options	DISABLE/ENABLE
Default	ENABLE

WSD PRINT

Purpose	Select whether or not to enable WSD print.
Options	DISABLE/ENABLE

Default	ENABLE

IPSEC

Purpose	Select whether or not to enable IPsec.
Options	DISABLE/ENABLE
Default	DISABLE

IP ADDR. FILTER

ACCESS PER.

Purpose	Select whether or not to enable Access Permission transmissions.
Options	DISABLE/ENABLE
Default	DISABLE

ACCESS REFUSE

Purpose	Select whether or not to enable Access Refuse transmissions.
Options	DISABLE/ENABLE
Default	DISABLE

IPv6

DISABLE/ENABLE

Purpose	Select whether or not to enable IPv6.
Options	DISABLE/ENABLE
Default	ENABLE

AUTO SETTING

Purpose	Select whether or not to enable Auto Setting.
Options	YES/NO

Default	YES

LINK LOCAL

Purpose	Displays the link-local address of IPv6.

GLOBAL ADDRESS

Purpose	Displays the global address of IPv6.

GATEWAY ADDRESS

Purpose	Displays the gateway address of IPv6.

NETWARE

Purpose	Select whether or not to enable NetWare.
Options	DISABLE/ENABLE
Default	DISABLE

APPLETALK

Purpose	Select whether or not to enable AppleTalk.
Options	DISABLE/ENABLE
Default	ENABLE

SPEED/DUPLEX

Purpose	Specifies the transmission speed for the network and the transmission method for bi-directional transmission.
Options	AUTO/10BASE FULL/10BASE HALF/100BASE FULL/100BASE HALF/1000BASE FULL
Default	AUTO

IEEE802.1X

Purpose	Select whether or not to enable IEEE802.1X.
Options	DISABLE/ENABLE
Default	DISABLE

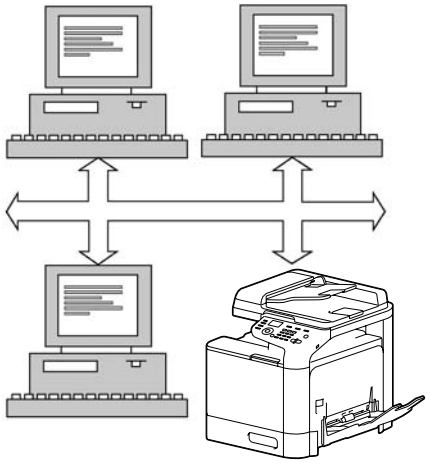
Chapter 5

Network Printing

Network Connection

Theory

To connect your machine in a TCP/IP network environment, you must make sure that the internal network addresses in the machine have been set.



Note:
In many cases, you have to enter only a unique IP address. However, you may also have to enter a subnet mask and/or a gateway (router) address, depending on your network configuration requirements.

Making the Connection

Ethernet Interface

An RJ45 connector can be used as the Ethernet interface for this machine.

When connecting your machine to an Ethernet network, the tasks you perform depend on how you plan to set the machine's IP (Internet Protocol) address.

❏ IP Address: A unique identifier for each device on a TCP/IP network.

❏ Subnet Mask: A filter used to determine what subnet an IP address belongs to.

❏ Gateway: A node on a network that serves as an entrance to another network.

Since the IP address for each PC and machine on your network must be unique, you usually need to modify this preset address so it doesn't conflict with any other IP address or your network or any attached network. You can do this in one of two ways. Each is explained in detail in the following sections.

❏ Using DHCP

❏ Setting the address manually

Using DHCP

If your network supports DHCP (Dynamic Host Configuration Protocol), the machine's IP address will be automatically assigned by the DHCP server when you turn on the machine. (Refer to "Network Printing" on page 61 for a description of DHCP.)

Note:
*If the IP address of the machine is not set automatically, check if the machine has been set to allow DHCP to be used (*REPORT/STATUS - REPORT - CONFIGURATION PAGE*). If the machine has been set so that DHCP cannot be used, select* ENABLE *in the* UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - DHCP *menu.*

1. Connect your machine to the network.

   When using an Ethernet cable, plug the RJ45 connector into the Ethernet interface port of the machine.

2. Turn on your PC and machine.

3. After the machine's message window is initialized, install the printer driver.

Setting the Address Manually

You may also manually change the machine's IP address, subnet mask, and gateway by using the following instructions. (See chapter 4 "Understanding the Network Setting Menu" on page 52 for more information.)

Note:
When the IP address is changed, add a new port or reinstall the printer driver.

Caution:
You should always notify your network's administrator before changing the machine's IP address.

1. Turn on your PC and machine.
2. After the printer's message window is initialized, select UTILITY, and then press the **Select** key.
3. Select ADMIN. MANAGEMENT, and then press the **Select** key.
4. Use the keypad to input 6-digits administrator number.
5. Select NETWORK SETTING, and then press the **Select** key.
6. Select IP ADDR. SETTING, and then press the **Select** key twice.
7. Use the keypad to input each number, and then press the **Select** key.
8. Select SUBNET MASK, and then press the **Select** key.
9. Use the keypad to input each number, and then press the **Select** key.
10. Select GATEWAY, and then press the **Select** key.
11. Use the keypad to input each number, and then press the **Select** key.
12. Print a configuration page to verify that the correct IP address, subnet mask, and gateway have been set.
13. After the machine's message window is initialized, install the printer driver.

Printing via IPP (Internet Printing Protocol)

IPP (Internet Printing Protocol) is a protocol for end users' most common printing situations over the Internet. It allows users to find out about a printer's capabilities, submit print jobs to a printer, determine the status of the printer or print job, and cancel a previously submitted print job.

Note:
- ❏ *You must have administrator privileges in order to install the printer driver.*
- ❏ *If the User Account Control window appears when installing on Windows Vista/7/Server 2008/ Server 2008 R2, click the **Continue** button or the **Yes** button.*

❏ *For IPP printing, specify the network setting. Refer to "Making the Connection" on page 61.*

With Windows Server 2008/Server 2008 R2

When using Windows Server 2008/Server 2008 R2, settings must be specified in the operating system before the printer driver is installed.

1. Click the **Start** button.
2. Point to **Administrative Tools**, and then click **Server Manager**.

   Note:
   *If the User Account Control dialog box appears, click the **Continue** button or the **Yes** button.*

3. In the Server Manager main window, click **Add Features** in the Features Summary section.
4. Select the **Internet Printing Client** check box to install the feature.
5. Restart the computer.

Adding an IPP Port using Add Printer Wizard – Windows Server 2003/XP

1. Click **Start**, select **Printers and Faxes**.
2. Click **Add a Printer**.
3. In the second dialog box, select the **Network Printer** radio button, and then choose **Next**.
4. In the URL field in the next dialog box, enter the machine's network pathname in one of the following formats, and then choose **Next**:

   ❏ http://ipaddress/ipp

   ❏ http://ipaddress:80/ipp

   ❏ http://ipaddress:631/ipp

   If your system cannot connect to the machine, the following message appears:

   "Windows cannot connect to the printer. Either the printer name was typed incorrectly, or the specified printer has lost its connection to the server. For more information, click **Help**."

5. Choose **Have Disk**.
6. Choose **Browse**.
7. Locate the directory on the Software Disc where the printer driver files are located and then click **Open**.
8. Click **OK**.
9. Click **OK**.
10. Select whether the machine is to be used as the default printer, and then click **Next**.
11. Click **Finish**.

Adding an IPP Port using Add Printer Wizard – Windows Vista/7/Server 2008/ Server 2008 R2

1. Click **Start**, click **Control Panel**, and then click **Printers**.

   Note:
   When using Windows 7/Server 2008 R2, ***View devices and printers*** *under Hardware and Sound.*

2. Click **Add a printer**.
3. In the dialog box click **Add a network**, **wireless or Bluetooth printer**.
4. In the dialog box, click **The printer that I want isn't listed**.
5. In the URL field in the next dialog box enter the machine's network pathname in one of the following formats and then choose **Next**:

   ❏ http://ipaddress/ipp

   ❏ http://ipaddress:80/ipp

   ❏ http://ipaddress:631/ipp

Note:
If your system cannot connect to the machine, the following message appears: "Windows cannot connect to the printer. Make sure that you have typed the name correctly, and that the printer is connected to network."

6. Click **Have Disk**.
7. Click **Browse**.
8. Locate the directory on the Software Disc where the printer driver files are located and then click **Open**.
9. Click **OK**.
10. Click **OK**.
11. Click **Next**.
12. Click **Finish**.

Printing via function Function

In Windows Vista/7/Server 2008/Server 2008 R2, printers on the network that support Web Service Print can be detected and installed.

Note:
- ❏ *You must have administrator privileges in order to install the printer driver.*
- ❏ *Before proceeding with the installation, be sure to exit all running applications.*
- ❏ *If the User Account Control window appears when installing on Windows Vista/7/Server 2008/ Server 2008 R2, click the **Continue** button or the **Yes** button.*

With Windows Server 2008/Server 2008 R2

When using Windows Server 2008/Server 2008 R2, settings must be specified in the operating system before the printer driver is installed.

1. Click the **Start** button.

2. Point to **Administrative Tools**, and then click **Server Manager**.

   Note:
   *If the User Account Control dialog box appears, click the **Continue** button or the **Yes** button.*

3. In the Server Manager main window, click **Add Roles** in the Roles Summary section.

4. Select the **Print Services** or **Print and Document Services** check box to install the feature.

Making the printer driver known from the Network window

To use Web service print in Windows Vista/7/Server 2008/Server 2008 R2, install the printer driver before making it known to the computer with plug and play.

1. Install the printer driver for this machine.

   Install the printer driver using the installer or Add Printer Wizard.
   The printer driver can be installed in any port.

2. Turn on the power of the machine while it is connected to the network.

   Since the printer is searched for, be sure to connect the machine to the network.

3. To use the Web service print, check that **Network discovery** is enabled in Network and Sharing Center on the computer.

4. Open the **Network** window.

   ❏ In Windows Vista/Server 2008, click **Start**, and **Network**.

   ❏ In Windows 7/Server 2008 R2, open **Computer** and click **Network**.
   If **Network** is not displayed in Computer, click the **Network and Internet** category on the Control Panel, and also click **View network computers and devices**.
   Connected computers and devices are detected.

5. Select the device name of the machine, and then click **Install** on the toolbar.

   The printer driver for this machine is detected and the machine is ready to print.

6. After finishing the installation, make sure that the icon for the installed printer is displayed in the Printers or Devices and Printers window.

Note:

- ❏ *If the printer driver is not correctly installed, the driver must be updated using **Update Driver...**. For details, refer to "Updating the driver after connecting this machine" on page 71.*

- ❏ *In Windows Vista/Server 2008, you can continue the task and specify the printer driver installation disk to install the printer driver if it is not installed in advance. When the Found New Hardware window appears, follow the displayed messages to perform the procedure. For details, refer to "Adding a printer from the Network window" on page 68.*

- ❏ *In Windows 7/Server 2008 R2, you cannot specify the installation disk after the machine is connected to the computer. Install the printer driver in advance (Step 1).*

Adding a printer from the Network window

In Windows Vista/Server 2008, you can add a Web service device using the addition function of the printer after connecting this machine.

Note:
In Windows 7/Server 2008 R2, a window for specifying an installation disk does not appear after the machine is connected to the computer. To connect this machine as described in "Making the printer driver known from the Network window" on page 67.

1. Insert the Software Disc in the CD/DVD drive of your computer.

   Note:

   - ❏ *Click **Run AutoRun.exe** in the AutoPlay dialog box that appears when the Software Disc is inserted.*

   - ❏ *If the installer does not start up automatically, double-click the **EPSETUP.EXE** icon on the Software Disc.*

   The installer starts up.

2. Exit the installer.

3. Turn on the power of the machine while it is connected to the network.

   Since the printer is searched for, be sure to connect the machine to the network.

4. To use Web Service print, check that **Network discovery** is enabled in Network and Sharing Center on the computer.

5. Open the **Network** window.

   ❏ In Windows Vista/Server 2008, click **Start** and **Network**.

   ❏ In Windows 7/Server 2008 R2, open **Computer** and click **Network**. If **Network** is not displayed in Computer, click the **Network and Internet** category on the Control Panel, and also click **View network computers and devices**.

6. Select the device name of this machine, and then click **Install** on the toolbar.

7. Click **Locate and install driver software (recommended)**.

8. If Windows Vista is being used, go to step 9.
   If Windows Server 2008 is being used, click **Don't search online**.

9. Click **Browse my computer for driver software (advanced)**.

10. Click **Browse**.

11. Locate the directory on the Software Disc where the printer driver files are located and then click **OK**.

12. Click **Next**.

13. Click **Close**.

Adding a printer using Add Printer Wizard

In Windows Vista/Server 2008, you can add a Web service device using the addition function of the printer after connecting this machine.

Note:

❏ *In Windows 7/Server 2008 R2, a window for specifying an installation disk does not appear after the machine is connected to the computer. To connect this machine as described in "Making the printer driver known from the Network window" on page 67.*

❏ *Installing the driver to Windows Vista/Server 2008-based computers requires the administrator authority.*

1. To use Web Service print, check that **Network discovery** is enabled in Network and Sharing Center on the computer.

2. Insert the Software Disc in the CD/DVD drive of your computer. The installer starts up.

   Note:
   - ❏ *Click **Run AutoRun.exe** in the AutoPlay dialog box that appears when the Software Disc is inserted.*

   - ❏ *If the installer does not start up automatically, double-click the **EPSETUP.EXE** icon on the Software Disc.*

3. Exit the installer.

4. Click **Start**, click **Control Panel**, and then click **Printers**.

5. Click **Add a printer** on the toolbar.

6. In the dialog box, click **Add a local printer**.

7. Click **Create a new port**, and then select **Standard TCP/IP Port**.

8. Click **Next**.

9. Select **Web Services Device** and type the IP address for the machine, and then click **Next**.

   The **Found New Hardware** Wizard dialog box appears.

10. Click **Locate and install driver software (recommended)**.

11. If Windows Vista is being used, go to step 12.
    If Windows Server 2008 is being used, click **Don't search online**.

12. Click **Browse my computer for driver software (advanced)**.

13. Click **Browse**.

14. Locate the directory on the Software Disc where the printer driver files and then click **OK**.

15. Click **Next**.

16. Click **Close**.

17. Click **Next**.

18. Select whether the printer driver is to be shared, and then click **Next**.

19. Click **Finish**.

    This completes the installation of the printer driver.

Updating the driver after connecting this machine

In Windows 7/Server 2008 R2, if this machine is connected without first installing the printer driver, the printer driver will not be correctly identified. If the printer driver is not correctly identified, the driver must be updated using **Update Driver**.

1. Insert the Software Disc in the CD/DVD drive of your computer.

   The installer starts up.

   Note:
   - ❏ *Click **Run AutoRun.exe** in the **AutoPlay** dialog box that appears when the Software Disc is inserted.*
   - ❏ *If the installer does not start up automatically, double-click the **EPSETUP.EXE** icon on the Software Disc.*

2. Exit the installer.

3. Open the **Devices and Printers** window.

   - ❏ Open the **Control Panel**, select **Hardware and Sound**, and then click **View devices and printers**.
   - ❏ When **Control Panel** is displayed in an icon view, double-click **Devices and Printers**.

4. Right-click the device name of the machine that is under Unspecified and then click **Properties**.

   If **Unknown Device** appears instead of the device name of the machine, right-click to remove the device, and install the printer driver. To connect this machine as described in "Making the printer driver known from the Network window" on page 67.

5. In the Hardware tab, click **Properties**.

6. In the General tab, click **Change Settings**.

7. In the Driver tab, click **Update Driver...**.

8. In the page in which to select how to search the driver software, click **Browse my computer for driver software anyway**.

9. Click **Browse...**.

10. Locate the directory on the Software Disc where the printer driver files are located, and then click **OK**.

11. Click **Next**.

12. Follow the instructions on the pages that follow.

    If the Windows Security window for verifying the publisher appears, click **Install this driver software anyway**.

13. Click **Close**.

14. After finishing the installation, make sure that the icon for the installed printer is displayed in the **Device and Printer** window.

15. Remove the Software Disc from the CD/DVD drive.

    This completes the printer driver updating.

    Note:
    In Windows Vista/Server 2008, Update Driver... is also available. In Windows Vista/Server 2008, you can specify ***Update Driver...*** *by opening* ***Properties*** *for this machine that is listed in Other Devices under Device Manager.*
    To select ***Device Manager****, right-click* ***Computer*** *and then click* ***Properties****. Select it in the Tasks pane that appears.*

If the bit number differs between the server operating system and client operating system

If the bit number differs between the print server's running operating system and client computer's running operating system while Windows Server 2008/Server 2008 R2 is running on the print server, the additional driver may not be installed correctly on the print server.

To solve this problem, specify the setup information file (ntprint.inf) of the operating system with a different bit number when installing the additional driver on the print server.

The following describes how to install the additional driver by specifying a setup information file in a different computer from that the print server.

Note:

- ❏ *Before starting this procedure, prepare to configure a different client computer from that of the print server and install the operating system that has a bit number different from that of the print server.*
- ❏ *On the print server side, the system drive of the client computer is assigned as the network drive. Configure the setting to share the drive to be assigned in advance.*

Installing the Additional Driver

As an example, the following procedure describes the operations performed when Windows Server 2008 (32 bits) is running on the print server and Windows Vista (64 bits) is running on the client computer.

1. Specify the client computer (64 bits) drive installed with the operating system (normally, drive C) as a shared drive.

   Note:
   This setting is available for only PostScript driver.

2. From the print server (32 bits), map the client computer (64 bits) drive (for example, “C”), specified as a shared drive in step 1, as a network drive (for example, “z”).

   Note:
   This setting is available for only PostScript driver.

3. Install on the print server (32 bits) the driver for a 32-bit operating system.

4. Right-click the printer that was installed, and then click the appropriate menu command to display printer properties.

5. Select the **Sharing** tab, and then select the **Share this printer** check box.

6. Click **Additional Drivers**.

   The Additional Drivers dialog box appears.

7. Under Processor, select the **x64** check box, and then click **OK**.

8. Specify the folder containing the driver for a 64-bit operating system.

   A dialog box appears, requesting the location of the setup information file.

9. Click **Browse**, and then select the setup information file (ntprint.inf) on the client computer mapped as a network drive.

   Note:
   This setting is available for only PostScript driver.

   - ❏ *Specify the file at the following path.z:\Windows\System32\DriverStore\FileRepository \ntprint.inf_xxx*

   - ❏ *In the path mentioned above, "z" indicates the mapped network drive. In addition, the characters indicated by "_xxx" at the end may differ depending on the driver version.*

   - ❏ *Depending on the client computer being used, the setup information file may be stored in a different location. If there is a folder named "amd64" at the same level as "ntprint.inf", specify the setup information file for a 64-bit operating system located within that folder. In addition, if the driver for a 32-bit operating system is to be installed, specify the setup information file in the folder named "I386" at the same level as "ntprint.inf".*

10. Click **Open**.

    The installation begins.

11. After the installation is completed, click **Close**.

    This completes the installation of the driver for a 64-bit operating system onto the print server (32 bits).

Troubleshooting

Symptom	Action
Some client functions are not available with the Point and Print feature when the server is running Windows Server 2003/ Server 2008 / Windows Server 2008 R2 and the client computer is running Windows XP/Vista/7.	Install the printer driver directly on the client computer.

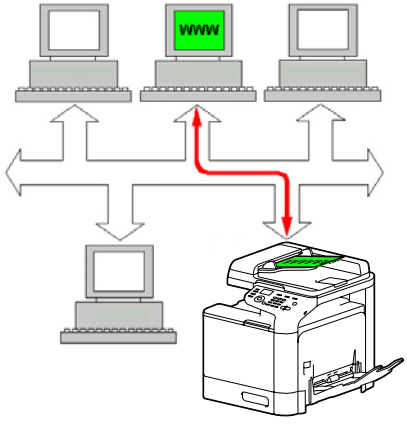
Chapter 6

Using Web-Based EpsonNet Config

Note:
The names of setting items for Web-Based EpsonNet Config may vary depending on your printer model.

About Web-Based EpsonNet Config

This chapter provides information on Web-Based EpsonNet Config, an HTTP (HyperText Transfer Protocol)-based web page that resides in your printer and that you can access using your Web browser.



This page gives you instant access to printer status and the most frequently used printer configuration options. Anyone on your network can access the printer using their web browser software. In addition, with the proper password, you can change the configuration of the printer without leaving your PC.

Note:
Users who are not given passwords by the administrator can still view the configuration settings and options but are not able to save or apply changes.

Display Language

The language used in the Web-Based EpsonNet Config screens is specified from the printer's control panel. For details, refer to the Printer/Copier/Scanner User's Guide.

In addition, the language can be selected from the Language drop-down list in Web-Based EpsonNet Config. For details, refer to “Language Setting” on page 84.

Requirements

To use Web-Based EpsonNet Config, the following is required:

- ❏ Windows Server 2008/Server 2008 R2/Server 2003/7/Vista/XP
  Mac OS X 10.3.9 or later
  Red Hat Enterprise Linux 5, SUSE Linux Enterprise 5
- ❏ Microsoft Internet Explorer version 6.0 or later
  Mozilla Firefox version 3.0 or later

  Note:
  You do not need an Internet connection.
- ❏ TCP/IP communication software (used by Web-Based EpsonNet Config) installed on your PC
- ❏ A network, to which both your PC and the printer are connected

  Note:
  You cannot access Web-Based EpsonNet Config using a local (USB) connection.

When connecting with Windows Server 2008/Server 2008 R2

When Web-Based EpsonNet Config is started on a computer running Windows Server 2008/Server 2008 R2, only the System tab may appear, and the Job, Print and Network tabs may not. In this case, Java must be installed, and the security settings must be specified according to the following procedure.

Note:
Before using Web-Based EpsonNet Config, be sure to close all Internet Explorer windows.

1. Click the **Start** button.
2. Point to **Administrative Tools**, and then click **Server Manager**.

   Note:
   *If the User Account Control dialog box appears, click the **Continue** button or the **Yes**.*

3. In the Server Manager main window, select **Configure IE ESC** in the Security Information section.
4. Set both **Off** for Administrators and **Off** for Users.
5. Click the **OK** button.

Setting Up the Printer Web Page

Setting up the printer web page to run on your network involves two basic steps:

- ❏ Determining the name or address of your printer
- ❏ Setting up the "no proxy" preferences in your browser software

Determining the Printer Name

The printer web page can be accessed in two ways:

- ❏ Through the assigned name of the printer—This name comes from the IP host table (the filename is **hosts**) on the computer system and is usually assigned by the system administrator (for example, Epson AcuLaser CX37). It may be more convenient for you to use the printer name than the IP address.

  Location of the Host Table on the PC

  Windows Server 2008/Server 2008 R2/Server 2003/XP/Vista/7
  \windows\system32\drivers\etc\hosts

- ❏ Through the printer's IP address—The IP address of your printer is a unique number and, therefore, may be the preferred identification to enter, especially if you have more printers active in your network. The printer's IP address is listed on the configuration page.

  Location of the Configuration Page in the Printer's Configuration Menu

  - ❏ REPORT/STATUS - REPORT - CONFIGURATION PAGE menu

Setting Up Your Browser Software

Since your printer resides on your intranet and is not accessible beyond the firewall of your network, you must set up the proper "preferences" in your browser software. Your printer name or IP address must be added to the "no proxy" list in the preferences dialog box of the browser.

Note:
You need to do this procedure only once.

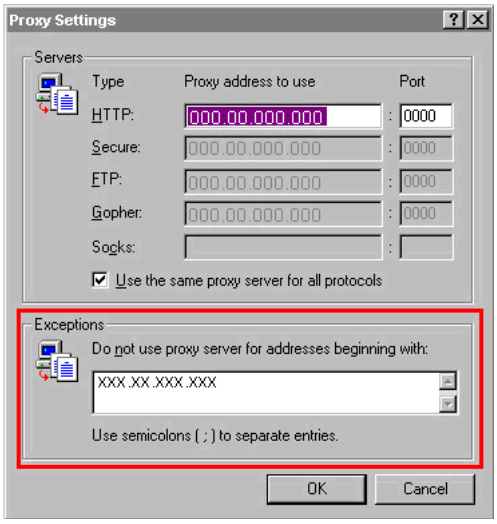
The sample screens below may be different from yours depending on software versions and operating systems in use.

Note:
Our examples represent the IP address of the printer with: xxx.xxx.xxx.xxx. Always enter your printer's IP address without leading zeros. For example, 192.168.001.002 should be entered as 192.168.1.2.

Internet Explorer (version 6.0 for Windows)

1. Start Internet Explorer.
2. From the Tools menu choose **Internet Options**.
3. Select the **Connections** tab on the dialog box.
4. Choose the **LAN Settings** button to display the Local Area Network (LAN) Settings dialog box.
5. Select **Advanced** in Proxy server to open the Proxy Settings dialog box.

6. In the Exceptions text box, type a comma after the last entry and then type the printer name or the IP address of your printer.



7. Choose **OK** three times to return to the main browser window.

8. Enter the printer's IP address in the URL Address box to access the printer home page.

Mozilla Firefox (version 3.6 for Mac OS X 10.6)

1. Start Mozilla Firefox.

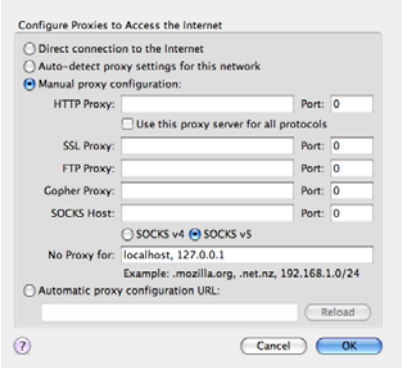
2. From the Firefox menu choose **Preferences**.

3. Click **Advanced** at the top of the dialog box.

4. Click the **Network** tab.

5. In the Connection section, click **Settings**.
The Connection Settings dialog box appears.

6. Select the **Manual proxy configuration** radio button.



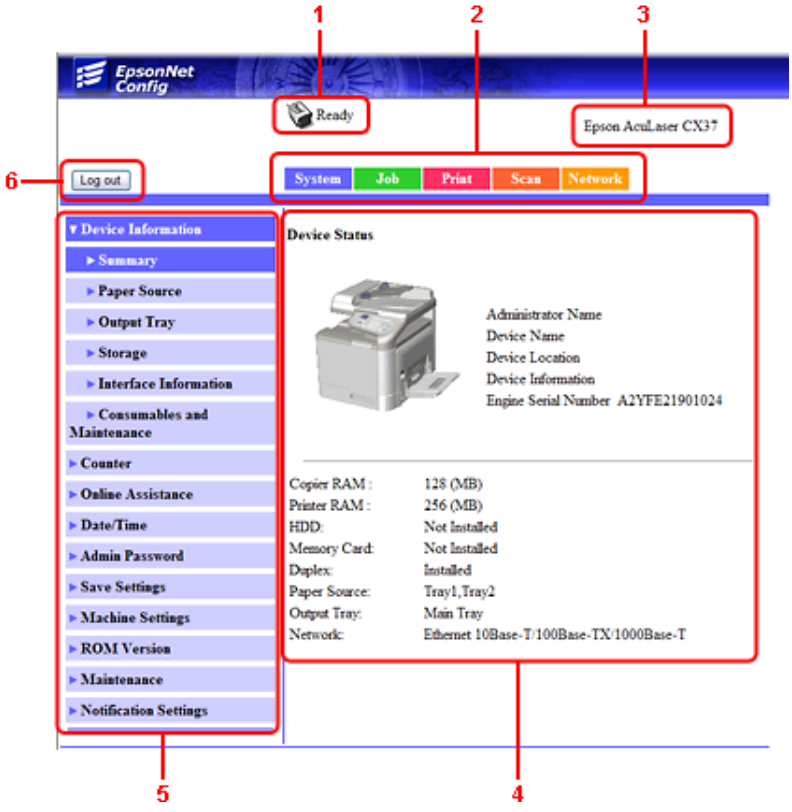
7. In the No Proxy for: text box, type a comma after the last entry, and then type the printer name or the IP address of your printer.

8. Click **OK** in the two dialog boxes to return to the main browser window.

9. Enter the printer name or IP address in the URL Location box to access the printer home page.

Understanding the Web-Based EpsonNet Config Window

The illustration below identifies the navigation and configuration areas of the windows that you see in Web-Based EpsonNet Config windows.



1. Current status
2. Links to main topics
3. Printer name
4. Configuration area
5. Links to subtopics
6. Click to log out of current mode

Navigation

Selecting the main topic and subtopic displays the configuration area for the printer options (parameters) associated with your selections.

To change a current setting, click on the current setting and then select from the available choices or enter the new value.

Note:
In order to apply or save any changes made to the configuration settings, Web-Based EpsonNet Config must be logged in from Administrator Mode. (For details, refer to "Administrator Mode" on page 85.)

Current Status

The current status of the printer is displayed at the top of all Web-Based EpsonNet Config windows. The icon displays the type of status being displayed.

Icon	Status	Description	Examples
	Ready	The printer is online and either ready to print or printing.	READY PRINTING
	Warning	The printer needs attention, but printing continues.	PLEASE WAIT WARMING UP
	Error	The printer needs attention before printing can resume.	FUSER JAM FRONT COVER OPEN
	Fatal Error	The printer must be rebooted. If that doesn't fix the error, service is required.	MACHINE TROUBLE SERVICE CALL

Logging on to Web-Based EpsonNet Config

Login Page

User authentication and language settings can be specified by using Web-Based EpsonNet Config. In order to perform authentication, you must log on in Administrator Mode. For details on authentication, refer to "Authentication" on page 107 and "User Authentication" on page 189.

Note:
A total of 100 users, including the administrator, can be logged on to Web-Based EpsonNet Config at the same time from client computers. In addition, public users, registered users, and the administrator can be logged on at the same time. However, only 1 client can be logged on as the Administrator.

Language Setting

If necessary, the display language used for Web-Based EpsonNet Config can be changed.

Public User Mode

In Public User Mode, you can view configuration settings but not change them.

1. Select **Public User**.
2. Click the **Log in** button.

Registered User Mode

In Registered User Mode, you can view configuration settings but not change them.

User Authentication Mode

Note:
To enter User Authentication Mode, log on in Administrator mode, set ***User Authentication*** *(in the Network - Authentication - User Authentication page) to* ***On****, and then register a new user in the System - Authentication - User Registration - New Registration page. For details, refer to "User Registration" on page 108 and "User Authentication" on page 189.*

1. Select **Registered User**.
2. Type in the user name and user password in the User Name and User Password text boxes.
3. Click the **Log in** button.

Administrator Mode

In order to change any configuration settings through Web-Based EpsonNet Config, you must first enter Administrator Mode.

1. Select **Administrator**.

2. Click the **Log in** button.

3. Type the password in the Admin Password text box.

   Note:
   Default password is set to "administrator"; however, once you have logged on in Administrator Mode, the password can be specified in the System - Admin Password window.

4. Click **OK** button.

Viewing Printer Status

System Page

On this page you find printer status and current configuration settings, printer identification, and links to all other web pages.

Note:
All of the information displayed on the System page is read only.

Device Information

Summary

Item	Description
Copier RAM	Displays the amount of copier memory installed in the printer.
Printer RAM	Displays the amount of printer memory installed in the printer.
HDD	If an optional hard disk drive is installed in the printer, displays the size of the hard disk.
Memory Card	This item is not supported by this printer.

Item	Description
Duplex	Identifies whether the duplex unit is installed on the printer.
Paper Source	Identifies the paper feed units installed on the printer. **Note:** **Tray3** appears only if the optional 500-sheet paper cassette unit is installed.
Output Tray	Identifies the output tray installed on the printer.
Network	Lists the installed printer interface (Ethernet 10Base-T/100Base-TX/1000Base-T).

Paper Source

Item	Description
Paper Source	Identifies the paper feed units Tray1/2/3 installed on the printer.
Paper Size	Indicates the size of paper loaded in a specific tray.
Paper Type	Indicates the type of paper loaded in a specific tray.
Paper	Indicates the paper status (“Ready” or “Empty”) for each tray.
Detail button	Displays detailed information about the paper trays.

Paper Source (Detail)

Item	Description
Paper Source	Displays the names of the paper trays.
Paper Size	Displays the paper sizes.
Paper Type	Displays the paper types.
Capacity	Displays the maximum capacity for each paper tray.
Paper	Displays the amount of paper remaining.
Back button	Returns to the previous screen.

Output Tray

Item	Description
Tray	Displays the name of the output tray.
Paper	Displays the status (Ready, Full) of the output tray.

Storage

Item	Description
Total	Displays the total amount of space on the hard disk. If no optional storages are installed, "-" are displayed.
Used	Displays the amount of space on the hard disk that is used. If no optional storages are installed, "-" are displayed.
Remaining	Displays the amount of space remaining on the hard disk. If no optional storages are installed, "-" are displayed.

Interface Information

Item		Description
Protocol Information	TCP/IP	If **Enable** is displayed, TCP/IP is enabled.
	IPv6	If **Enable** is displayed, IPv6 is enabled.
	Bonjour	If **Enable** is displayed, Bonjour is enabled.
	FTP TX	If **Enable** is displayed, FTP transmission is enabled.
	FTP Server	If **Enable** is displayed, FTP server function is enabled.
	LDAP	If **Enable** is displayed, LDAP server is enabled.
	SMB	If **Enable** is displayed, SMB is enabled.
	Dynamic DNS	If **Enable** is displayed, Dynamic DNS is enabled.
	IPP	If **Enable** is displayed, IPP is enabled.
	LPD	If **Enable** is displayed, LPD is enabled.
	RAW Port	If **Enable** is displayed, RAW Port is enabled.
	SLP	If **Enable** is displayed, SLP is enabled.
	SMTP	If **Enable** is displayed, SMTP is enabled.
	SNMP	If **Enable** is displayed, SNMP is enabled.
	WSD Print	If **Enable** is displayed, WSD Print is enabled.
	LLTD	If **Enable** is displayed, LLTD is enabled.
	LLMNR	If **Enable** is displayed, LLMNR is enabled.
	AppleTalk	If **Enable** is displayed, AppleTalk is enabled.
	NetWare	If **Enable** is displayed, NetWare is enabled.
	IEEE802.1x	If **Enable** is displayed, IEEE802.1x is enabled.

Item		Description
Network Information	Type	Identifies the type of network interface installed on the printer (Ethernet 10Base-T/100Base-TX/1000Base-T).
	Ethernet Speed	Indicates the transmission speed for the network and the transmission method for bidirectional transmission.
	IP Address	Identifies the IP (Internet Protocol) address of the Ethernet interface.
	IPv6 Link Local Address	Identifies the IPv6 link local address of the Ethernet interface.
	IPv6 Global Address	Identifies the IPv6 global address of the Ethernet interface.
	MAC Address	Identifies the Media Access Control (MAC) address of the Ethernet interface.
	Host Name	Identifies the host name for the printer.
	Print Server Name (NetWare)	Identifies the Print Server Name for the NetWare.
	Printer Name (Apple Talk)	Identifies the printer name on AppleTalk.
	Current Zone Name (AppleTalk)	Identifies the Current Zone Name for the AppleTalk.
	Bonjour Name	Displays the Bonjour name for the printer.
	WSD Printer Name	Displays the WSD printer name for the printer.

Consumables and Maintenance

Item	Description
Consumables and Maintenance	Identifies the type of consumables or maintenance parts that are being monitored.
Status	Indicates the remaining life of the consumables or maintenance parts.
TYPE	Identifies the type of Toner Cartridge.

Counter

Item	Description
Total Print	Indicates the total number of all printed pages.
Total Scan	Indicates the total number of pages that have been scanned.

Item	Description
Normalized Total Faces Counter	The number of printed pages is displayed calculated in terms of A4-size paper.
Fax Counter	Indicates the total number of fax transmission and reception pages.
Scan Counter	Indicates the total number of scanned pages.
Tray Counter	Indicates the total number of pages for each tray setting.
Paper Size Counter	Indicates the total number of pages for each paper size.
Paper Type Counter	Indicates the total number of pages for each paper type.
Application Counter	Indicates the total number of pages for each application.

Online Assistance

Item	Description
Contact Name	Displays the organization that responsible for providing assistance with the printer.
Contact Information	Displays the web site address for assistance.
Product Help URL	Displays the help web site address for assistance.
Corporate URL	Displays the Seiko Epson web site address.
Supplies and Accessories	Displays the web site address where you can purchase printer supplies and accessories.
Contact Phone Number	Displays the telephone number of the printer administrator.
Contact Address	Displays the e-mail address for support.
Contact Utility Link	Displays a link to the Printer Management Utilities.

User Authentication

Note:
This page appears only when logged on to Registered User Mode.

User Password Change

Item	Description
User Name	Shows the name of user who is logged on.

Item	Description
Current Password	Type in the current password for the user who is logged on. Range: Up to 64 characters
New Password	Type in the new password. Range: Up to 64 characters
Retype New Password	Type in the new password again for confirmation. Range: Up to 64 characters
Apply button	Applies the new password. **Note:** If the password typed in three text boxes doesn't match, the following message displays when you choose the **Apply** button: "Password was changed unsuccessfully. Please retry." Retype the passwords in both text boxes.
Clear button	Resets all configuration settings to previous values.

Registration Information

Item	Description
Registration User Information	Shows the registration number (No.), user name for the user who is logged on.
Function Permission Information	Shows whether printing is permitted by the user who is logged on.
Output Permission Information	Shows whether color printing and whether black-and-white printing is permitted by the user who is logged on.

Job Page

This page allows you to view the status of current print jobs.

Active Job List

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.

Item	Description
Job Status	Displays the current status of the print job (Parsing, Printing, Cancel, Pending, or Abort).
Create Time	Displays the time that the job was queued.
Delete button	Deletes the print job(s) that applies to the checked boxes.

Done Job List

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
End Time	Displays the time that printing finished.
Result	Displays the result of the print job.
Detail button	Displays a screen containing details.

Done Job List (Detail)

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
Delivery Type	Displays the delivery method for the job (Print, Print and Hold, Proof then Print, IPP Print, Secured Job, Time Print, Report Print or PC-FAX).
Create Time	Displays the time that the job was queued.
End Time	Displays the time that printing finished.
Result	Displays the result of the print job.
Back button	Returns to the previous screen.

Print Page

This page allows you to check the settings for printing when there is no PDL printer driver.

Default Settings

General Settings

Item	Description
PDL	Indicates default language to be selected.
Paper Source	The paper tray that is normally used is indicated.
Duplex	If **Long-Edge Binding** is indicated, the pages will be printed on both sides of the paper for long-edge binding. If **Short-Edge Binding** is indicated, the pages will be printed on both sides of the paper for short-edge binding.
Output Tray	Displays the name of the output tray.
Copies	Indicates the default setting for number of copies to be printed.
Paper Size	Indicates the default setting for the size of paper.
Width	Indicates the paper width when Paper Size is set to **Custom Size**.
Length	Indicates the paper length when Paper Size is set to **Custom Size**.
Paper Type	Indicates the default setting for the type of paper.
Collate	If **On** is indicated, all pages in a copy of the document can be printed before printing the next copy. If **Off** is indicated, all copies of the document are not printed separately. **Note:** This menu item appears only if an optional hard disk drive is installed.

Paper Source Settings

Item		Description
Tray1	Paper Size	Indicates the setting for the size of paper loaded into Tray1.
	Width	Indicates the paper width when Paper Size is set to **Custom Size**.
	Length	Indicates the paper length when Paper Size is set to **Custom Size**.
	Paper Type	Indicates the setting for the type of paper loaded into Tray1.
Tray2	Paper Size	Indicates the setting for the size of paper loaded into Tray2.
	Width	Indicates the paper width when Paper Size is set to **Custom Size**.
	Length	Indicates the paper length when Paper Size is set to **Custom Size**.
	Paper Type	Indicates the setting for the type of paper loaded into Tray2.
Tray3 This item appears only if an optional 500-sheet paper cassette unit is installed.	Paper Size	Indicates the setting for the size of paper loaded into Tray3.
	Paper Type	Indicates the setting for the type of paper loaded into Tray3.

Item			Description
Any Tray Setting	Tray1	Paper Size	Indicates whether Any Paper Size setting for Tray1 is enabled or disabled.
		Paper Type	Indicates whether Any Media Type setting for Tray1 is enabled or disabled.
	Tray2	Paper Size	Indicates whether Any Paper Size setting for Tray2 is enabled or disabled.
		Paper Type	Indicates whether Any Media Type setting for Tray2 is enabled or disabled.
	Tray3 This item appears only if an optional 500-sheet paper cassette unit is installed.	Paper Type	Indicates whether Any Media Type setting for Tray3 is enabled or disabled.
Tray Chaining			If **Enable** is indicated and the specified paper tray runs out of paper during printing, a paper tray loaded with paper of the same size is automatically selected so printing can continue. If **Disable** is indicated and the specified paper tray runs out of paper, printing stops.

Tray Mapping Settings

Item	Description
Tray Mapping Mode	If **On** is indicated, Tray Mapping function is used.
Logical Tray 0-9	Indicates the tray that is used for printing when a print job is received from another manufacture's printer driver.

PCL Settings

Item	Description
Font Number	Displays the default font in the PCL language.
Symbol Set	Displays the symbol set used with the PCL language.
Lines Per Page	Indicates how many lines are in a page in PCL language.
Font Point Size	Displays the font size in the PCL language.

Item	Description
Font Pitch Size	Displays the font pitch in the PCL language.
CR/LF Mapping	Indicates CR/LF code definition in PCL language.

PS Settings

Item	Description
Wait Timeout	Indicates Postscript timeout. "0" means that no time-out control is effective.
PS Protocol	Displays the settings for the PS protocol.
Print to PS Error	Displays whether or not error printing is performed.
Auto Trapping	Select this option to superimpose neighboring colors to print so as to prevent white space being generated around a picture.
Black Overprint	You can specify to cause the overlapping on the characters alone or on characters and figures.

XPS Settings

Item	Description
Digital Signature	Shows whether XPS digital signatures are enabled or disabled.
Print to XPS Error	Shows whether or not error information is printed when an error has occurred during XPS printing.

Print Quality Settings

Item		Description
Print Quality Settings	Color Mode	If **Color** is indicated, the pages are printed in full color. If **Monochrome** is indicated, the pages are printed in black and white.
	Color Separation	If **On** is indicated, color separation is performed.
	Brightness	Indicates the brightness of the printed image.
	Halftone (Image Printing/Text Printing/Graphics Printing)	Indicates how halftones are reproduced. If **Line Art** is indicated, halftones are reproduced with high precision. If **Detail** is indicated, halftones are reproduced with detail. If **Smooth** is indicated, halftones are reproduced with smoothness.
	Edge Enhancement (Image Printing/Text Printing/ Graphics Printing)	Shows the settings for whether or not edges are emphasized in images, text and graphics.
	Edge Strength	Shows the setting for the amount that edges are emphasized.
	Economy Print Mode	Shows the setting for whether or not Economy Print Mode is enabled. When Economy Print Mode is enabled, the amount of toner used is reduced when printing many drawings.
PCL Settings	Contrast	Indicates the contrast of the image.
	Image Printing/Text Printing/ Graphics Printing (Source)	Identifies the color space for RGB data.
	Image Printing/Text Printing/ Graphics Printing (Intent)	Indicates the color intent to be used on conversion RGB to CMYK by printer.
	Image Printing/Text Printing/ Graphics Printing (Gray Treatment)	Indicates the method to reproduce RGB black and gray.

Item		Description
PS Settings	Image Printing/Text Printing/ Graphics Printing (RGB Source)	Identifies the color space for RGB data.
	Image Printing/Text Printing/ Graphics Printing (RGB Intent)	Indicates the color intent to be used on conversion RGB to CMYK by printer.
	Image Printing/Text Printing/ Graphics Printing (RGB Gray Treatment)	Indicates the method to reproduce RGB black and gray.
	Image Printing/Text Printing/ Graphics Printing (Destination Profile)	Indicates the ICC destination profile to be used for printed output.
	Simulation (Profile)	Indicates the specific ICC simulation profile to be used for printed output.
	Simulation (Intent)	Indicates the simulation intent to be used for simulation printing.
	Simulation (CMYK Gray Treatment)	Indicates the method to reproduce CMYK black and gray for simulation printing.
Calibration Settings	Tone Calibration	If **On** is indicated, image adjustments are applied.
	Cyan Density/Magenta Density/Yellow Density/Black Density (Highlight)	Indicates the density of the highlight color.
	Cyan Density/Magenta Density/Yellow Density/Black Density (Middle)	Indicates the density of the middle color.
	Cyan Density/Magenta Density/Yellow Density/Black Density (Shadow)	Indicates the density of the shadow color.

Font/Form

PCL Font

Item	Description
Number	Displays the control number of the font.
Font Name	Displays the name of the fonts.
Source	Displays the storage source of the font.

PS Font

Item	Description
Number	Displays the control number of the font.
Font Name	Displays the name of the fonts.
Source	Displays the storage source of the font.

Form Overlay

Item	Description
Number	Displays the control number of the overlay.
File Name	Displays the name of the overlays.
Source	Displays the storage source of the form overlay.

Color Profile

Item	Description
Number	Displays the control number of the color profile.
File Name	Displays the file name of the color profile.
Profile Name	Displays the name of the color profile.
Class	Displays the type of color profile.
Color Space	Displays the color space for the color profile.
Source	Displays the storage source of the color profile.

Report Types

Item	Description
Configuration Page	Prints the printer configuration page.
Utility Map	Prints the printer utility map page.
PS/PCL Menu Map Page	Prints the printer PS/PCL menu map page.
PCL Font Page	Prints the PCL font lists.
PS Font Page	Prints the PostScript font lists.

Item	Description
Directory Listing Page	Prints the directory list. **Note:** This menu item appears only if an optional hard disk drive is installed.
Print button	Sends the page to the printer.
Clear button	Cancels the selected settings.

Direct Print

Note:

❏ *This page appears only if an optional hard disk drive is installed.*

❏ *This page appears when both Public Access (in the Network - Authentication - User Authentication page) and Print (in the System - Authentication - Default Permission Settings) are set to* ***Allow****.*

❏ *The following file formats can be printed using direct printing: PDF, TIF, and JPEG.*

Item	Description
File Name	Specify the location of the file to be printed. Click **Browse**, and then select the file.
Browse button	Displays a dialog box for browsing to the file to be printed.
Send button	Sends the specified file to the printer.

Scan Page

This page allows you to view the currently specified dial settings.

Favorite

Item	Description
No.	Displays the number in the Favorite list.
Name	Displays the destination name of the selected speed dial number.
Address	Displays the address (fax number, e-mail address, FTP address or SMB address) of the speed dial number.

Speed Dial Setting/Address List Setting

Item	Description
Speed Dial List	Click to jump to the beginning of the speed dial list within the same window.
No.	Displays the speed dial number.
Name	Displays the destination name of the speed dial number.
Address	Displays the address (fax number and e-mail address, FTP address or SMB address) of the speed dial number.
Batch	Displays the batch transmission time for the speed dial number.

Group Dial Setting/Group List Setting

Item	Description
No.	Displays the group dial number. Click the number to display the list of destinations registered with the group dial number.
Name	Displays the name of the group.
Address	Shows whether the registered group contains fax destinations or e-mail destinations.

Configuring the Printer

In order to make any configuration changes through Web-Based EpsonNet Config, you must first enter Administrator Mode. See “Administrator Mode” on page 85. for instructions on logging into Administrator Mode.

System Page

This page allows you to configure several user- and printer-specific items.

Device Information

Summary

Item	Description
Copier RAM	Displays the amount of copier memory installed in the printer.
Printer RAM	Displays the amount of printer memory installed in the printer.
HDD	If an optional hard disk drive is installed in the printer, displays the size of the hard disk.
Memory Card	This item is not supported by this printer.
Duplex	Identifies whether the duplex unit is installed on the printer.
Paper Source	Identifies the paper feed units installed on the printer. **Note:** **Tray3** appears only if the optional 500-sheet paper cassette unit is installed.
Output Tray	Identifies the output trays installed on the printer.
Network	Lists the installed printer interface (Ethernet 10Base-T/100Base-TX/1000Base-T).

Paper Source

Item	Description
Paper Source	Identifies the paper feed units Tray1/2/3 installed on the printer.
Paper Size	Indicates the size of paper loaded in a specific tray.
Paper Type	Indicates the type of paper loaded in a specific tray.
Paper	Indicates the paper status (“Ready” or “Empty”) for each tray.
Detail button	Displays detailed information about the paper trays.

Paper Source (Detail)

Item	Description
Paper Source	Displays the names of the paper trays.
Paper Size	Displays the paper sizes.
Paper Type	Displays the paper types.

Item	Description
Capacity	Displays the maximum capacity for each paper tray.
Paper	Displays the amount of paper remaining.
Back button	Returns to the previous screen.

Output Tray

Item	Description
Tray	Displays the name of the output tray.
Paper	Displays the status (Ready, Full) of the output tray.

Storage

Item	Description
Total	Displays the total amount of space on the hard disk. If no optional storages are installed, "-" are displayed.
Used	Displays the amount of space on the hard disk that is used. If no optional storages are installed, "-" are displayed.
Remaining	Displays the amount of space remaining on the hard disk. If no optional storages are installed, "-" are displayed.

Interface Information

Item		Description
Protocol Information	TCP/IP	If **Enable** is displayed, TCP/IP is enabled.
	IPv6	If **Enable** is displayed, IPv6 is enabled.
	Bonjour	If **Enable** is displayed, Bonjour is enabled.
	FTP TX	If **Enable** is displayed, FTP transmission is enabled.
	FTP Server	If **Enable** is displayed, FTP server function is enabled.
	LDAP	If **Enable** is displayed, LDAP server is enabled.
	SMB	If **Enable** is displayed, SMB is enabled.
	Dynamic DNS	If **Enable** is displayed, Dynamic DNS is enabled.
	IPP	If **Enable** is displayed, IPP is enabled.
	LPD	If **Enable** is displayed, LPD is enabled.
	RAW Port	If **Enable** is displayed, RAW Port is enabled.
	SLP	If **Enable** is displayed, SLP is enabled.
	SMTP	If **Enable** is displayed, SMTP is enabled.
	SNMP	If **Enable** is displayed, SNMP is enabled.
	WSD Print	If **Enable** is displayed, WSD Print is enabled.
	LLTD	If **Enable** is displayed, LLTD is enabled.
	LLMNR	If **Enable** is displayed, LLMNR is enabled.
	AppleTalk	If **Enable** is displayed, AppleTalk is enabled.
	NetWare	If **Enable** is displayed, NetWare is enabled.
	IEEE802.1x	If **Enable** is displayed, IEEE802.1x is enabled.

Item		Description
Network Information	Type	Identifies the type of network interface installed on the printer (Ethernet 10Base-T/100Base-TX/1000Base-T).
	Ethernet Speed	Indicates the transmission speed for the network and the transmission method for bidirectional transmission.
	IP Address	Identifies the IP (Internet Protocol) address of the Ethernet interface.
	IPv6 Link Local Address	Identifies the IPv6 link local address of the Ethernet interface.
	IPv6 Global Address	Identifies the IPv6 global address of the Ethernet interface.
	MAC Address	Identifies the Media Access Control (MAC) address of the Ethernet interface.
	Host Name	Identifies the host name for the printer.
	Print Server Name (NetWare)	Identifies the Print Server Name for the NetWare.
	Printer Name (Apple Talk)	Identifies the printer name on AppleTalk.
	Current Zone Name (AppleTalk)	Identifies the Current Zone Name for the AppleTalk.
	Bonjour Name	Displays the Bonjour name for the printer.
	WSD Printer Name	Displays the WSD printer name for the printer.

Consumables and Maintenance

Item	Description
Consumables and Maintenance	Identifies the type of consumables or maintenance parts that are being monitored.
Status	Indicates the remaining life of the consumables or maintenance parts.
TYPE	Identifies the type of Toner Cartridge.

Counter

Item	Description
Total Print	Indicates the total number of all printed pages.
Total Scan	Indicates the total number of pages that have been scanned.

Item	Description
Normalized Total Faces Counter	The number of printed pages is displayed calculated in terms of A4-size paper.
Fax Counter	Indicates the total number of fax transmission and reception pages.
Scan Counter	Indicates the total number of scanned pages.
Tray Counter	Indicates the total number of pages for each tray setting.
Paper Size Counter	Indicates the total number of pages for each paper size.
Paper Type Counter	Indicates the total number of pages for each paper type.
Application Counter	Indicates the total number of pages for each application.

Online Assistance

Item	Description
Contact Name	Sets the name of the person or organization responsible for providing assistance with the printer. Range: Up to 63 bytes
Contact Information	Sets the web site for printer assistance. Range: Up to 127 bytes
Product Help URL	Sets the help web site address for printer assistance. Range: Up to 127 bytes
Corporate URL	Sets the Seiko Epson corporate web site address. Range: Up to 127 bytes
Supplies and Accessories	Sets the web address where you can purchase printer supplies and accessories. Range: Up to 127 bytes
Contact Phone Number	Specifies the telephone number of the printer administrator. Range: Up to 31 bytes
Contact Address	Specifies the address of the printer administrator. Range: Up to 320 bytes
Contact Utility Link	Specifies the link to the Printer Management Utilities. Range: Up to 127 bytes
Apply button	Applies the configuration settings for this window.

Item	Description
Clear button	Resets all configuration settings to previous values.

Import/Export

Note:
This page appears only if an optional hard disk drive is installed. In addition, this page appears when Job Log (in the System - Machine Settings page) is set to ***Enable****.*

Job Log

Item	Description
Export	Specify the number of job logs to be retrieved. The specified number of job logs is retrieved from the most recent job logs. If the specified number of job logs is larger than the number of job logs available, all job logs are retrieved. Choices: Last 10, Last 50, Last 100, Last 250, Last 500, All Default: Last 10
Export button	Exports the job log information on the device to the computer.
Clear button	Clears the job log from the device.

User Information

Item	Description
Import text box	Type in the name of the file containing the registered user authentication information to be imported.
Browse button	Allows the registered user authentication information transferred to the device to be searched.
Import button	Transfers the registered user authentication information to the device.
Export button	Exports the registered user authentication information to the computer.

Authentication

Note:
This page appears only if an optional hard disk drive is installed.

Default Permission Settings

Note:
This page appears only if Public Access (in the Network - Authentication - User Authentication page) is set to ***Allow****.*

Item		Description
Function Permission	Print	Select whether or not printing is permitted when public authentication is used. Choices: Allow, Restrict Default: Allow
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

User Registration

Note:
This menu item appears when User Authentication (in the Network - Authentication - User Authentication page) is set to ***On****.*

Item	Description
Search for Number	Select the user registration number (No.) to be searched for. Range: 1 - 1000 Default: 1 - 50
No.	Shows the user registration number (No.) to be registered.
User Name	Shows the registered user name.
Edit icon	The registered user information can be edited.
Delete icon	The registered user can be deleted.
New Registration button	Registers a new user.

User Registration (New Registration)

Item		Description
User Registration	No.	Shows the new user registration number (No.).
	User Name	Specify the name of the new user. Range: 1 to 64 bytes **Note:** ❏ A user name that already exists cannot be specified. ❏ "Public" cannot be specified as the user name.
	User Password	Specify the password of the new user. Range: Up to 64 bytes **Note:** The User Password box can be left blank.
	Retype User Password	Type in the new password again for confirmation. Range: Up to 64 bytes
Function Permission	Print	Select whether or not the new user is permitted to print. Choices: Allow, Restrict Default: Allow
Output Permission	Color	Select whether or not the new user is permitted to print in color. Choices: Allow, Economy Print Mode Only, Restrict Default: Allow
	Black	Select whether or not the new user is permitted to print in black and white. Choices: Allow, Restrict Default: Allow
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.
Cancel button		Click to cancel the entered data and return to the System - Authentication - User Registration page.

Date/Time

Manual Settings

Item	Description
Year	Specifies the year for the printer's internal clock. Range: 2008 - 2032 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - DATE&TIME
Month	Specifies the month for the printer's internal clock. Range: 1 - 12 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - DATE&TIME
Day	Specifies the day for the printer's internal clock. Range: 1 - 31 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - DATE&TIME
Hour	Specifies the hour for the printer's internal clock. Range: 0 - 23 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - DATE&TIME
Minute	Specifies the minute for the printer's internal clock. Range: 0 - 59 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - DATE&TIME
Time Zone	Specifies the time zone for sending e-mail notifications. Range: -12:00 - +12:00 Default: 0:00 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - DATE&TIME
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Time Adjustment Settings

Item	Description
Time Adjustment	Select whether or not the time is automatically adjusted with NTP. Choices: Enable, Disable Default: Disable
NTP Server Address	Specifies the NTP server address. IPv4 address, IPv6 address or FQDN (Fully Qualified Domain Name) can be specified. Range: Up to 63 bytes Default: 0.0.0.0
Port Number	Specifies the NTP server port number. Range: 1 - 65535 Default: 123
Time Zone	Specifies the time difference from GMT. Range: -12:00 - +12:00 Default: 0:00
Adjustment Time	Shows the last modification date and time.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Daylight Saving Time Settings

Item	Description
Daylight Saving Time	Select whether or not daylight saving time is applied. If Enable is selected, specify how many minutes the time will be adjusted (1 - 150min). Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-USER SETTING-DAYLIGHT SAVING
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Admin Password

Item	Description
Current Password	Type in the current password. Range: Up to 16 bytes
New Password	Sets a new password to enter Administrator Mode. Range: Up to 16 bytes **Note:** Passwords can be set to any string of numbers and letters (uppercase and lowercase) up to 16 characters in length.
Retype New Password	Verifies the new password typed in the New Password text box. Range: Up to 16 bytes **Note:** If the password typed in three text boxes doesn't match, the following message displays when you choose the **Apply** button: "Password was changed unsuccessfully. Please retry." Click **OK** button, and then retype the passwords in both text boxes.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Note:
If you forget the new password you've assigned, contact Technical Support.

Save Settings

From the System - Save Settings window, the machine settings can be saved as a file on the computer being used. In addition, the saved settings file can be read by the machine.

Note:
The following settings are not saved in the file:

❏ *Phone books*

Item		Description
Save Settings	Device Setting	Click **Save** button to save the machine settings as a file.

Item		Description
Restore Setting	File Name	Specify the name of the file where the machine settings are to be saved. Click **Browse** button to display the dialog box for browsing to the folder where the file containing the machine settings was saved.
	Send File to the Device	Click **Restore** button to send the settings file to the machine and overwrites the machine settings.

Machine Settings

Item	Description
Administrator Name	Specifies the name of the administrator for the printer. Range: Up to 127 bytes
Device Name	Specifies the name of the printer. Range: Up to 127 bytes
Device Location	Specifies the setup location for the printer. Range: Up to 127 bytes
Device Information	Specifies the information for the printer. Range: Up to 127 bytes
Do Startup Page	Selects whether or not a startup page is printed when the printer is turned on. Choices: On, Off Default: Off Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-STARTUP OPTIONS-DO STARTUP PAGE
Auto Continue	Selects whether or not printing continues if the size or type of paper in the selected paper tray is different from the size or type of paper for the print job. Choices: On, Off Default: Off Configuration Menu Equivalent: UTILITY-MACHINE SETTING-AUTO CONTINUE

Item	Description
Hold Job Timeout	Specifies the length of time until print jobs saved on the hard disk are deleted. If Disable is selected, print jobs are not deleted at a specific time. Choices: Disabled, One Hour, Four Hours, One Day, One Week Default: Disabled Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-HOLD JOB TIMEOUT **Note:** This menu item appears only if an optional hard disk drive is installed.
Sleep Time	Specifies the length of time until the machine enters Energy Saver mode. Choices: 3 - 120 Minutes Default: 15 Minutes Configuration Menu Equivalent: UTILITY-MACHINE SETTING-SLEEP MODE
Grayscale Page	Specify the operation to be performed for black-and-white pages in a job specified for color printing. If **Auto** is selected, the printer determines whether the data is color or black-and-white before printing it. If **Grayscale Print** is selected, black-and-white printing is automatically performed depending on each page. It may decrease the printing speed in some cases, but it reduces the consumption of the color toner cartridges and photoconductor unit. If **Color Print** is selected, color printing is performed, even for a black-and-white page. Choices: Auto, Grayscale Print, Color Print Default: Auto Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-GRAYSCALE PAGE
Job Log	Select whether or not the Job Log function is used. Choices: Enable, Disable Default: Disable **Note:** This menu item appears only if an optional hard disk drive is installed.
Hide Personal Information	Select whether or not the File Name column in the Job tab remains blank. Choices: On, Off Default: Off

Item	Description
Auto Power Off Setting (Epson AcuLaser CX37DN for EMEAR* Only)	Select whether or not to automatically turn off the machine's main power. Choices: On, Off Default: On
Auto Power Off Time (Epson AcuLaser CX37DN for EMEAR* Only)	Specify the time to automatically turn off the machine's main power. Range: 00:00 to 23:59 Default: 20:00
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

* EMEAR stands for Euro, Middle East, Africa, and Russia.

ROM Version

Item	Description
Engine ROM Version	Displays the ROM version of the printer engine.
Controller ROM Version	Displays the ROM version of the printer controller.
PS/PCL Controller ROM Version	Displays the ROM version of the PS/PCL printer controller.
Boot ROM Version	Displays the ROM version of the Boot ROM.
PS/PCL Boot ROM Version	Displays the ROM version of the PS/PCL printer's Boot ROM.

Maintenance

Clear Settings

Item	Description
Printer Settings	Resets the printer settings to their defaults. Some settings do not return to their defaults.
Network Settings	Resets the network settings to their defaults. Some settings do not return to their defaults.
All Settings	Resets all settings to their defaults. Some settings do not return to their defaults.

Item	Description
Clear button	When clicked, the message “Is it OK to restore Factory Defaults?” appears. Click **OK** to automatically restart the printer and return the settings to their default values.

Reset Printer

Item	Description
Reset button	When clicked, the message “Is it OK to reset the Printer?” appears. Click **OK** to automatically restart the printer.

Notification Settings

Status Notification Settings

Item		Description
IP Address	Notification Address	Specify the IP address of the SNMP trap receiver. An IPv4 or IPv6 address or a host name can be specified. Range: Up to 63 bytes Default: 0.0.0.0
	Port Number	Specify the port number of the SNMP trap. Range: 1 - 65535 Default: 162
	Community Name	Specify the community name for the SNMP trap. Range: 1 to 15 bytes Default: public

Item		Description
IPX Address	Notification Address	Specify the IPX address of the SNMP trap receiver. Range: 8 bytes Default: 00000000
	Node Address	Specify the node address of the SNMP trap receiver. Range: 12 bytes Default: 000000000000
	Community Name	Specify the community name for the SNMP trap. Range: 1 to 15 bytes Default: public
Email Address	Email Notice	Specifies whether or not a notification is sent by e-mail when a warning occurs in the printer. Choices: Enable, Disable Default: Enable
	Notification Address	Specifies the e-mail address where the notification is sent. Range: Up to 320 bytes

Item		Description
Alert	Paper Empty	Specifies whether or not a notification is sent when the paper tray runs out of paper. Choices: Enable, Disable Default: Enable
	Paper Jam	Specifies whether or not a notification is sent when a paper misfeed occurs. Choices: Enable, Disable Default: Enable
	Maintenance	Specifies whether or not a notification is sent when the time for a periodic maintenance has been reached. Choices: Enable, Disable Default: Enable
	Replace Toner	Specifies whether or not a notification is sent when the toner is empty. Choices: Enable, Disable Default: Enable
	Output Tray Full	Specifies whether or not a notification is sent when the output tray has become full. Choices: Enable, Disable Default: Enable
	Fuser Unit End	Specifies whether or not a notification is sent when the fuser unit has reached the end of its service life. Choices: Enable, Disable Default: Enable

Item		Description
	Operator Call	Specifies whether or not a notification is sent when the operator must be called. Choices: Enable, Disable Default: Enable
	Service Call	Selects whether or not notification is sent to the service representative when a condition occurs that requires servicing. Choices: Enable, Disable Default: Enable
	Job Complete	Specifies whether or not a notification is sent when a print job is completed correctly. Choices: Enable, Disable Default: Enable
	Job Error	Specifies whether or not a notification is sent when a job could not be printed because an error occurred. Choices: Enable, Disable Default: Enable
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

Total Counter Notification Settings

Item		Description
Total Counter Notification Settings	Model Name	Specify the model name that appears in e-mail messages sent as notifications of the total counter for this machine.

Item		Description
Schedule Setting	Schedule 1/Schedule 2	Specify settings for the notification schedules. Schedules 1 and 2 can be registered with different settings. Daily: Select this setting to send notifications at an interval in days. Specify the interval (in days) when notifications are to be sent. Weekly: Select this setting to send notifications at a weekly interval. Specify the interval (in weeks) for sending notifications. In addition, select the day of the week when notifications are to be sent. Monthly: Select this setting to send notifications at a monthly interval. Specify the interval (in months) for sending notifications. In addition, select the day of the month when notifications are to be sent.
Register Notification Address		Type in the destination e-mail address. In addition, select a notification schedule.
Send Now button		Sends the e-mail message to the specified destination e-mail address.
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

Job Page

This page allows you to view the status of the current print jobs.

Active Job List

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
Job Status	Displays the current status of the print job (Parsing, Printing, Cancel, Pending, or Abort).
Create Time	Displays the time that the job was queued.
Delete button	Deletes the print job(s) that are applies to the checked box.

Done Job List

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
End Time	Displays the time that printing finished.
Result	Displays the result of the print job (OK, Error, or Canceled).
Detail button	Displays a screen containing details.

Done Job List (Detail)

Item	Description
Job Number	Displays the print job identification number. Each print job that the printer receives is assigned a unique identification number.
User Name	If known, displays the owner of the print job.
File Name	Displays the name of the print file.
Delivery Type	Displays the delivery method for the job (Print, Print and Hold, Proof then Print, IPP Print, Secured Job, Time Print, Report Print or PC-FAX).
Create Time	Displays the time that the job was queued.
End Time	Displays the time that printing is finished.
Result	Displays the result of the print job (OK, Error, or Canceled).
Back button	Returns to the previous screen.

Print Page

This page allows more detailed printer settings to be specified.

Local Interface

Item	Description
I/O Timeout	Specifies the reception timeout (in seconds). Range: 5-300 Default: 15
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Default Settings

General Settings

Item	Description
PDL	Selects default language to be selected. Choices: Auto, PCL, PS Default: Auto Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-DEF. EMULATION
Paper Source	The paper tray that is normally used can be specified. Choices: Tray1, Tray2, Tray3 Default: Tray2 **Note:** **Tray3** appears only if an optional 500-sheet paper cassette unit is installed.
Duplex	If **Long-Edge Binding** is selected, the pages will be printed on both sides of the paper for long-edge binding. If **Short-Edge Binding** is selected, the pages will be printed on both sides of the paper for short-edge binding. Choices: Off, Short-Edge Binding, Long-Edge Binding Default: Off Configuration Menu Equivalent: PS/PCL PRINT-PAPER MENU-DUPLEX
Output Tray	Displays the name of the output tray.

Item	Description
Copies	Specifies the default setting for number of copies to be printed. Range: 1-9999 Default: 1 Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - COPIES
Paper Size	Specifies the default setting for the size of paper. Configuration Menu Equivalent: PS/PCL PRINT - SYS DEFAULT MENU - PAPER - DEFAULT PAPER - PAPER SIZE
Width	Specifies the paper width when Paper Size is set to **Custom Size**. Range: 3.63 - 8.50 (inch) / 92 - 216 (mm) Configuration Menu Equivalent: PS/PCL PRINT - SYS DEFAULT MENU - PAPER - DEFAULT PAPER - CUSTOM SIZE - WIDTH
Length	Specifies the paper length when Paper Size is set to **Custom Size**. Range: 5.83 - 14.00 (inch) / 148 - 356 (mm) Configuration Menu Equivalent: PS/PCL PRINT - SYS DEFAULT MENU - PAPER - DEFAULT PAPER - CUSTOM SIZE - LENGTH
Paper Type	Specifies the default setting for the type of paper. Choices: Plain Paper, Recycled, Thick 1, Thick 2, Label, Envelope, Postcard, Letterhead, Glossy 1, Glossy 2, Single Side Only, Special Paper Default: Plain Paper Configuration Menu Equivalent: PS/PCL PRINT - SYS DEFAULT MENU - PAPER - DEFAULT PAPER - PAPER TYPE
Collate	If **On** is selected, all pages in a copy of the document can be printed before printing the next copy. If **Off** is selected, all copies of the document are not printed separately. Choices: On, Off Default: Off Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - COLLATE **Note:** This menu item appears only if an optional hard disk drive is installed.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Paper Source Settings

Item		Description
Tray1	Paper Size	Specifies the setting for the size of paper loaded into Tray 1. Default: A4 Configuration Menu Equivalent: UTILITY - PAPER SETUP - TRAY1 PAPER
	Width	Specifies the paper width when Paper Size is set to **Custom Size**. Range: 3.63 - 8.50 (inch) / 92 - 216 (mm) Configuration Menu Equivalent: UTILITY - PAPER SETUP - TRAY1 PAPER
	Length	Specifies the paper length when Paper Size is set to **Custom Size**. Range: 5.83 - 14.00 (inch) / 148 - 356 (mm) Configuration Menu Equivalent: UTILITY - PAPER SETUP - TRAY1 PAPER
	Paper Type	Specifies the setting for the type of paper loaded into Tray 1. Choices: Plain Paper, Thick 1, Thick 2, Label, Envelope, Postcard, Letterhead, Glossy 1, Glossy 2, Single Side Only, Special Paper Default: Plain Paper Configuration Menu Equivalent: UTILITY - PAPER SETUP - TRAY1 PAPER

Item		Description
Tray2	Paper Size	Specifies the setting for the size of paper loaded into Tray 2. Default: A4 Configuration Menu Equivalent: UTILITY - PAPER SETUP - TRAY2 PAPER
	Width	Specifies the paper width when Paper Size is set to **Custom Size**. Range: 3.63 - 8.50 (inch) / 92 - 216 (mm) Configuration Menu Equivalent: UTILITY - PAPER SETUP - TRAY2 PAPER
	Length	Specifies the paper length when Paper Size is set to **Custom Size**. Range: 5.83 - 11.69 (inch) / 148 - 297 (mm) Configuration Menu Equivalent: UTILITY - PAPER SETUP - TRAY2 PAPER
	Paper Type	Specifies the setting for the type of paper loaded into Tray 2. Choices: Plain Paper, Thick 1, Thick 2, Label, Postcard, Letterhead, Glossy 1, Glossy 2, Single Side Only, Special Paper Default: Plain Paper Configuration Menu Equivalent: UTILITY - PAPER SETUP - TRAY2 PAPER
Tray3 This item appears only if an optional 500-sheet paper cassette unit is installed.	Paper Size	Displays the setting for the size of paper loaded into Tray 3.
	Paper Type	Specifies the setting for the type of paper loaded into Tray 3. Choices: Plain Paper, Single Side Only, Special Paper Default: Plain Paper

Item			Description
Any Tray Setting	Tray1	Paper Size	Select whether or not the Any Paper Size setting is selected for Tray1. Choices: Off, Any Default: Off Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - ANY TRAY SETTING - TRAY1 PAPER - TRAY1 ANY SIZE
		Paper Type	Select whether or not the Any Media Type setting is selected for Tray1. Choices: Off, Any Default: Off Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - ANY TRAY SETTING - TRAY1 PAPER - TRAY1 ANY SIZE
	Tray2	Paper Size	Select whether or not the Any Paper Size setting is selected for Tray2. Choices: Off, Any Default: Off Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - ANY TRAY SETTING - TRAY2 PAPER - TRAY2 ANY SIZE
		Paper Type	Select whether or not the Any Media Type setting is selected for Tray2. Choices: Off, Any Default: Off Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - ANY TRAY SETTING - TRAY2 PAPER - TRAY2 ANY SIZE
	Tray3 This item appears only if an optional 500-sheet paper cassette unit is installed.	Paper Type	Select whether or not the Any Media Type setting is selected for Tray3. Choices: Off, Any Default: Off Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - ANY TRAY SETTING - TRAY3 PAPER - TRAY3 ANY SIZE

Item		Description
Tray Chaining	Tray Chaining	If **Enable** is selected and the specified paper tray runs out of paper during printing, a paper tray loaded with paper of the same size is automatically selected so printing can continue. If **Disable** is selected and the specified paper tray runs out of paper, printing stops. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - TRAY CHAINING
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

Tray Mapping Settings

Item	Description
Tray Mapping Mode	Select whether or not the Tray Mapping function is used. Choices: On, Off Default: Off Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - TRAY MAPPING - TRAY MAPPING MD.
Logical Tray 0-9	Select the tray that is used for printing when a print job is received from another manufacturer's printer driver. The default setting for Logical Tray 1 is **Physical Tray 1**. The default setting for all other trays is **Physical Tray 2**. Choices: Physical Tray 1, Physical Tray 2, Physical Tray 3 Configuration Menu Equivalent: PS/PCL PRINT - PAPER MENU - TRAY MAPPING - LOGICAL TRAY0-9 **Note:** Physical Tray 3 appears only if an optional 500-sheet paper cassette unit is installed.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

PCL Settings

Item	Description
Font Number	Sets the default font in the PCL language. Range: 0 - 102 Default: 0 Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-PCL-FONT SOURCE-FONT NUMBER
Symbol Set	Selects the symbol set used with the PCL language. Default: PC-8 Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-PCL-FONT SOURCE-SYMBOL SET
Lines Per Page	Selects how many lines are in a page in PCL language. Range: 5 - 128 Default: 60 Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-PCL-LINES PER PAGE
Font Point Size	Sets the font size in the PCL language. Range: 4.00 - 999.75 Default: 12.00 Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-PCL-FONT SOURCE-POINT SIZE
Font Pitch Size	Sets the font pitch in the PCL language. Range: 0.44 - 99.99 Default: 10.00 Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-PCL-FONT SOURCE-PITCH SIZE
CR/LF Mapping	Selects CR/LF code definition in PCL language. Choices: CR=CR LF=LF, CR=CRLF LF=LF, CR=CR LF=LFCR, CR=CRLF LF=LFCR Default: CR=CR LF=LF Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-PCL-CR/LF MAPPING

Item	Description
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

PS Settings

Item	Description
Wait Timeout	Sets Postscript timeout. “0” means that no time-out control is effective. Range: 0 - 300 (in seconds) Default: 0 Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-POSTSCRIPT-WAIT TIMEOUT
PS Protocol	Specifies the PS protocol. Choices: Auto, Normal, Binary Default: Auto Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-POSTSCRIPT-PS PROTOCOL
Print to PS Error	Specifies whether or not error printing is performed. Choices: On, Off Default: Off Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-POSTSCRIPT-PS ERROR PAGE
Auto Trapping	Select whether or not neighboring colors are printed superimposed in order to prevent white space around images. Choices: On, Off Default: Off Configuration Menu Equivalent: PS/PCL PRINT-SYS DEFAULT MENU-EMULATION-POSTSCRIPT-AUTO TRAPPING

Item	Description
Black Overprint	Specify whether black objects are printed (superimposed) on a neighboring color in order to prevent white space around black characters or figures. If **Text/Graphic** is selected, superimposed printing is applied to text and graphics. If **Text** is selected, superimposed printing is applied to text. Choices: Text/Graphic, Text, Off Default: Off Configuration Menu Equivalent: PS/PCL PRINT - SYS DEFAULT MENU - EMULATION - POSTSCRIPT - BLACK OVERPRINT
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

XPS Settings

Item	Description
Digital Signature	Specify whether to verify digital signature. When **Enable** is selected, the document without a valid digital signature is not printed. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: PS/PCL PRINT - SYS DEFAULT MENU - EMULATION - XPS - DIGITAL SGN
Print to XPS Error	Specify whether to print error message when an error occurs during XPS print. Choices: On, Off Default: On Configuration Menu Equivalent: PS/PCL PRINT - SYS DEFAULT MENU - EMULATION - XPS - XPS ERROR PAGE
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Print Quality Settings

Item		Description
Print Quality Settings	Color Mode	If **Color** is selected, the pages are printed in full color. If **Monochrome** is selected, the pages are printed in black and white. Choices: Color, Monochrome Default: Color Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - COLOR MODE
	Color Separation	If **On** is selected, color separation is performed. Choices: On, Off Default: Off Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - COLOR SEPARATION
	Brightness	Specifies the brightness of the printed image. Choices: +15%, +10%, +5%, 0, -5%, -10%, -15% Default: 0 Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - BRIGHTNESS
	Halftone (Image Printing/ Text Printing/Graphics Printing)	Specifies how halftones are reproduced. If **Line Art** is selected, halftones are reproduced with high precision. If **Detail** is selected, halftones are reproduced with detail. If **Smooth** is selected, halftones are reproduced with smoothness. Choices: Line Art, Detail, Smooth Default: Detail (Image/Graphics) / Line Art (Text) Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - HALFTONE - IMAGE PRINTING/TEXT PRINTING/GRFX. PRINTING

Item		Description
	Edge Enhancement (Image Printing/Text Printing/Graphics Printing)	Select whether image/text/graphics edges are emphasized. Choices: On, Off Default: Off (Image) / On (Text/Graphics) Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - EDGE ENHANCEMENT - IMAGE PRINTING/TEXT PRINTING/GRFX. PRINTING
	Edge Strength	Select the desired amount that edges are emphasized. If **Off** is selected, the edges are not emphasized. If **Low** is selected, the edges are slightly emphasized. If **Middle** is selected, the edges are emphasized by an average amount. If **High** is selected, the edges are highly emphasized. Choices: Off, Low, Middle, High Default: Middle Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - EDGE STRENGTH
	Economy Print Mode	Select whether to print graphics with a reduced density by reducing the amount of toner that is used. When Economy Print Mode is enabled, the amount of toner used is reduced when printing many drawings. Choices: On, Off Default: Off Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - ECONOMY PRINT

Item		Description
PCL Settings	Contrast	Specifies the contrast of the image. Choices: +15%, +10%, +5%, 0, -5%, -10%, -15% Default: 0 Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PCL SETTING - CONTRAST
	Image Printing/Text Printing/Graphics Printing (Source)	Specifies the color space for RGB data. Choices: Device Color, sRGB Default: sRGB Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PCL SETTING - IMAGE PRINTING/ TEXT PRINTING/GRFX. PRINTING - RGB SOURCE
	Image Printing/Text Printing/Graphics Printing (Intent)	Specifies the color intent to be used on conversion RGB to CMYK by printer. Choices: Vivid, Photographic Default: Photographic (Image) / Vivid (Text/Graphics) Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PCL SETTING - IMAGE PRINTING/ TEXT PRINTING/GRFX. PRINTING - RGB INTENT
	Image Printing/Text Printing/Graphics Printing (Gray Treatment)	Specifies the method to reproduce RGB black and gray. Choices: Composite Black, Black and Gray, Black Only Default: Composite Black (Image) / Black and Gray (Text/Graphics) Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PCL SETTING - IMAGE PRINTING/ TEXT PRINTING/GRFX. PRINTING - RGB GRAY

Item		Description
PS Settings	Image Printing/Text Printing/Graphics Printing (RGB Source)	Specifies the color space for RGB data. Choices: Device Color, sRGB, Apple RGB, Adobe RGB1998, ColorMatchRGB, BlueAdjustRGB, Custom Profile Default: sRGB Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PS SETTING - IMAGE PRINTING/ TEXT PRINTING/GRFX. PRINTING - RGB SOURCE
	Image Printing/Text Printing/Graphics Printing (RGB Intent)	Specifies the color intent to be used on conversion RGB to CMYK by printer. Choices: Vivid, Photographic, Relative Color, Absolute Color Default: Photographic (Image) / Vivid (Text/Graphics) Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PS SETTING - IMAGE PRINTING/ TEXT PRINTING/GRFX. PRINTING - RGB INTENT
	Image Printing/Text Printing/Graphics Printing (RGB Gray Treatment)	Specifies the method to reproduce RGB black and gray. Choices: Composite Black, Black and Gray, Black Only Default: Composite Black (Image) / Black and Gray (Text/Graphics) Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PS SETTING - IMAGE PRINTING/ TEXT PRINTING/GRFX. PRINTING - RGB GRAY

Item		Description
	Image Printing/Text Printing/Graphics Printing (Destination Profile)	Specifies the ICC destination profile to be used for printed output. Choices: Auto, Custom Profile Default: Auto Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PS SETTING - IMAGE PRINTING/ TEXT PRINTING/GRAPHICS PRINTING - DESTINATION PROF
	Simulation (Profile)	Specifies the specific ICC simulation profile to be used for printed output. Choices: None, SWOP, Euroscale, Commercial Press,Japan Color TOYO, DIC, Custom Profile Default: None Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PS SETTING - SIMULATION - SIMULATION PROF
	Simulation (Intent)	Specifies the simulation intent to be used for simulation printing. Choices: Relative Color, Absolute Color Default: Relative Color Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PS SETTING - SIMULATION - SIMULATION INTENT
	Simulation (CMYK Gray Treatment)	Specifies the method to reproduce CMYK black and gray for simulation printing. Choices: Composite Black, Black and Gray, Black Only Default: Composite Black Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - PS SETTING - SIMULATION - CMYK GRAY

Item		Description
Calibration Settings	Tone Calibration	If **On** is indicated, image adjustments are applied. Choices: On, Off Default: On Configuration Menu Equivalent: PS/PCL PRINT-QUALITY MENU-CALIBRATION-TONE CALIBRATION
	Cyan Density/Magenta Density/Yellow Density/ Black Density (Highlight)	Specifies the density of the highlight color. Choices: +3, +2, +1, 0, -1, -2, -3 Default: 0 Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - CALIBRATION - CMYK DENSITY - CYAN/MAGENTA/YELLOW/BLACK - HIGHLIGHT
	Cyan Density/Magenta Density/Yellow Density/ Black Density (Middle)	Specifies the density of the middle color. Choices: +3, +2, +1, 0, -1, -2, -3 Default: 0 Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - CALIBRATION - CMYK DENSITY - CYAN/MAGENTA/YELLOW/BLACK - MIDDLE
	Cyan Density/Magenta Density/Yellow Density/ Black Density (Shadow)	Specifies the density of the shadow color. Choices: +3, +2, +1, 0, -1, -2, -3 Default: 0 Configuration Menu Equivalent: PS/PCL PRINT - QUALITY MENU - CALIBRATION - CMYK DENSITY - CYAN/MAGENTA/YELLOW/BLACK - SHADOW
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

Download Font/Form

Note:
This page appears only if an optional hard disk drive is installed.

PS Font

Note:
The printer must have an optional hard disk drive to use the PS Font parameters described below.

Item		Description
Download PS Font	Radio button	Specifies the download destination (HDD) of the font.
	Text box	Specifies the file name for the PostScript font to be downloaded.
	Browse button	Displays a dialog box for browsing to the PostScript font file.
	Submit button	Sends the specified PostScript font file to the printer.
Delete PS Font	Check box	Select the check box of the font to be deleted, and then click **Delete** to delete the selected font from the printer.
	Number	Displays the control number of the font.
	Font Name	Displays the name of the fonts.
	Source	Displays the storage source of the font.
Delete button		Deletes the PostScript font file(s) whose check boxes the left end are checked.

Form Overlay

Item		Description
Download Form Overlay	Radio button	Specifies the download destination (HDD) of the form overlay file.
	Text box	Specifies the file name for the form overlay to be downloaded.
	Browse button	Displays a dialog box for browsing to the form overlay file.
	Submit button	Sends the specified form overlay file to the printer.
Delete Form Overlay	Check box	Select the check box of the form overlay file to be deleted, and then click **Delete** to delete the selected form overlay from the printer.
	Number	Displays the control number of the overlay.
	File Name	Displays the name of the overlays.
	Source	Displays the storage source of the form overlay.
Delete button		Deletes the PostScript font file(s) whose check boxes the left end are checked.

Color Profile

Item		Description
Download Color Profile	Radio button	Specifies the download destination (HDD) of the color profile.
	Text box	Specifies the file name for the color profile to be downloaded.
	Browse button	Displays a dialog box for browsing to the color profile file.
	Submit button	Sends the specified color profile file to the printer.
Delete Color Profile	Check box	Select the check box of the color profile file to be deleted, and then click **Delete** to delete the selected color profile from the printer.
	Number	Displays the control number of the color profile.
	File Name	Displays the name of the color profile.
	Profile Name	Displays the name of the color profile.
	Class	Displays the type of color profile.
	Color Space	Displays the color space for the color profile.
	Source	Displays the storage source of the color profile.
Delete button		Deletes the PostScript font file(s) whose check boxes the left end are checked.

Scan Page

On the Scan page, settings for the destination information to be registered in the machine and the fax and scan transmission/reception settings can be specified.

Favorite (shown above)

Item	Description
No.	Displays the number in the Favorite list.
Name	Displays the destination name of the selected speed (group) dial number.
Address	Displays the address of the selected speed dial number. With a group dial destination, (Group) is displayed.
From Speed Dial button	Adds a selected speed dial list to the Favorite list. For details, refer to "From Speed Dial" on page 139.

Item	Description
From Group Dial button	Adds a selected group dial to the Favorite list. For details, refer to “From Group Dial” on page 139.
Delete icon	Deletes the selected destination from the Favorite list.

From Speed Dial

Item	Description
Speed Dial List	Click to jump to the beginning of the No.of speed dial list within the same page.
Radio button	Select a radio button to select a destination registered in the list. Default: Cleared.
No.	Displays the speed dial number.
Name	Displays the destination of the speed dial number.
Address	Displays the destination information (fax number, e-mail address, FTP address or SMB address) registered with the speed dial number.
Apply button	Applies configuration settings for this window.
Clear button	Resets all configuration settings for this window to their user defaults.
Cancel button	Cancels the operation and returns to the Favorite List page.

From Group Dial

Item	Description
No.	Displays the group dial number.
Name	Displays the name of the group.
Address	Shows whether the registered group contains fax destinations or e-mail destinations.
Delete button	Click to delete the group.

Speed Dial Setting

Item	Description
Speed Dial List	Click to jump to the beginning of the speed dial list within the same page. Speed Dial number of 001 - 220 are Fax and E-mail destinations. Speed Dial number of 221 - 250 are FTP and SMB destinations.
No.	Displays the number in the speed dial list. Click a speed dial number where no destination is registered to add a destination from the Speed Dial Registration page. If a destination is already registered with the speed dial number that is clicked, the registered information can be edited. When registering a fax number, an e-mail address or an address found with an LDAP search as a speed dial number, refer to "Speed Dial Registration" on page 140. When registering an FTP or SMB destination, refer to "Speed Dial Registration (Scan to Server)" on page 142.
Name	Displays the destination name of the speed dial number.
Address	Displays the destination information (fax number, e-mail address, FTP address or SMB address) registered with the speed dial number.
Batch	Displays the batch transmission time for speed dial number.
Delete button	Deletes the selected destination from the speed dial.

Speed Dial Registration

The Scan - Speed Dial Setting - Speed Dial Registration window, select the type of Speed dial destination to be added.

Item	Description
Speed Dial Registration	From the drop-down list, select the type of speed dial destination to be added. If **Fax** is selected, the Fax Destination page will be displayed. For details, refer to "Fax Destination" on page 141. If **E-mail** is selected, the E-mail Destination page will be displayed. For details, refer to "E-mail Destination" on page 141. If **LDAP Search** is selected, the LDAP Search page will be displayed. For details, refer to "LDAP Search" on page 142. Choices: Fax, E-mail, LDAP Search Default: Fax **Note:** If LDAP in the Network - LDAP page is set to **Disable**, LDAP Search does not appear

Item	Description
Apply button	Displays the page for the type of speed dial destination selected from the list.
Clear button	Resets all configuration settings for this window to their user defaults.

Fax Destination

Item	Description
Destination Name	Specify the name of the destination. Range: Up to 20 characters
Destination Number	Specify the fax number for the destination. Range: Up to 50 characters **Note:** Although you can use the uppercase letter for P (pause), you cannot enter P at the beginning of the fax number.
Speed	Select the speed of the fax modem. Choices: 9.6K, 14.4K, 33.6K Default: 33.6K
Batch Time (hh: mm)	Specify the batch transmission time of speed dial. Range: 00:00 to 23:59
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings for this window to their user defaults.

E-mail Destination

Item	Description
Destination Name	Specify the name of the destination. Range: Up to 20 characters
Destination Address	Specify the E-mail address of the destination. Range: Up to 64 characters
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings for this window to their user defaults.

LDAP Search

Item	Description
LDAP Search	Specify the method for searching for the destination. Choices: Name, E-mail Default: Name
LDAP Search String	Specify the LDAP search string. Range: Up to 20 characters
Apply button	Starts the LDAP searching.
Clear button	Resets all configuration settings for this window to their user defaults.

Note:
When an LDAP server is used, the correct search results may not be retrieved when the search is performed from a server using anonymous access.

Speed Dial Registration (Scan to Server)

On the Scan - Speed Dial Setting - Speed Dial Registration page, select the server type of speed dial destination to be added.

Item	Description
Speed Dial Registration	From the drop-down list, select the type of speed dial destination to be added. If **FTP** is selected, refer to "For FTP Server" on page 142. If **SMB** is selected, refer to "For SMB server" on page 145. Choices: FTP, SMB Default: FTP
Apply button	Displays the page for the type of speed dial destination selected from the list.
Clear button	Resets all configuration settings for this window to their user defaults.

For FTP Server

Note:
*The Network - FTP - Client screen, set to **Enable** from Send when sending to FTP server. Also, when sending via proxy server, specify the proxy server setting. For details, refer to "Client" on page 174.*

Item		Description
File Destination	Destination Name	Specify the name of the destination. Range: Up to 20 characters
	FTP Server Address	Specify the destination of IP address for FTP server. When using DNS server, host name can be specified instead of IP address. Range: Up to 64 characters
	Directory	Specify the destination directory on the FTP server. Range: Up to 127 characters
	Use Proxy	Select whether or not to use a proxy server to access the FTP server. Choices: On, Off Default: Off
	Remote Port Number	Specify the number of the port for the FTP server when a proxy server is not specified. Range: 1 to 65535 Default: 21
	PASV Mode	Select whether or not FTP transmissions are to be sent in PASV mode. Choices: On, Off Default: Off

Item		Description
Basic Setting	Color Setting	Select the color tone to be used. Choices: BW Only, Color or Gray Default: Color or Gray
	Resolution	Select the resolution of the scanner. Choices: 150 x 150, 300 x 300 Default: 300 x 300
	Mode	Select the mode type for the scanner. Choices: Text, Photo, MIX Default: MIX
	Attachment file format	Select the desired file format. Choices: TIFF, PDF, JPEG Default: PDF **Note:** If Color Setting is set to **BW Only**, JPEG cannot be selected.
	Coding method	Select the coding method. Choices: MH, MR, MMR Default: MH **Note:** If Color Setting is set to **Color** or **Gray**, no setting can be selected.
	Scan area	Select the scanning area. Choices: A5, B5, A4, ST, LT, LG Default: A4 (metric), LT (inch)
E-mail Notification	Enable Notification	Select whether or not e-mail notifications are to be sent after a transmission to an FTP server is completed. Choices: On, Off Default: Off **Note:** E-mail notification is not available when **Disable** is selected of SMTP in Network - Email - Send Email screen.
	Notification Address	Register the destination e-mail address of notification. Up to 10 addresses can be registered. Range: Up to 64 characters

Item		Description
Account Information	Anonymous/Private Site	Select the type of account used for logging into the FTP server. If **Anonymous** is selected, log in with Anonymous as the account name and guest as the password. If **Private Site** is selected, be sure to specify settings for User Name, Password and Confirm. Choices: Anonymous, Private Site Default: Anonymous
	User Name	Specify the user name to log in to FTP server when Private Site is selected. Range: Up to 20 characters
	Password	Specify the password to log in to FTP server when Private Site is selected. Range: Up to 20 characters
	Confirm	Type in the password again for confirmation. Range: Up to 20 characters
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

For SMB server

Note:
*The Network - SMB screen, set to **Enable** from Send when sending to SMB server. For details, refer to "SMB" on page 183.*

Item		Description
File Destination	Destination Name	Specify the name of the destination. Range: Up to 20 characters
	Destination Address	Specify the destination IP address of SMB server or NetBIOS. Range: Up to 64 characters
	Directory	Specify the destination directory on the SMB server. Range: Up to 128 characters

Item		Description
Basic Setting	Color Setting	Select the color tone to be used. Choices: BW Only, Color or Gray Default: Color or Gray
	Resolution	Select the resolution of the scanner. Choices: 150 x 150, 300 x 300 Default: 300 x 300
	Mode	Select the mode type for the scanner. Choices: Text, Photo, MIX Default: MIX
	Attachment file format	Select the desired file format. Choices: TIFF, PDF, JPEG Default: PDF **Note:** If Color Setting is set to **BW Only**, JPEG cannot be selected.
	Coding method	Select the coding method. Choices: MH, MR, MMR Default: MH If Color Setting is set to **Color** or **Gray**, no setting can be selected.
	Scan area	Select the scanning area. Choices: A5, B5, A4, ST, LT, LG Default: A4 (metric), LT (inch)
E-mail Notification	Enable Notification	Select whether or not e-mail notifications are to be sent after a transmission to an SMB server is completed. Choices: On, Off Default: Off **Note:** E-mail notification is not available when **Disable** is selected of SMTP in Network - Email - Send Email screen.
	Notification Address	Register the destination e-mail address of notification. Up to 10 addresses can be registered. Range: Up to 64 characters

Item		Description
Account Information	Anonymous/Private Site	Select the type of account used for logging into the SMB server. If **Anonymous** is selected, log in with Anonymous as the account name and guest as the password. If **Private Site** is selected, be sure to specify settings for User Name, Password and Confirm. Choices: Anonymous, Private Site Default: Anonymous
	User Name	Specify the user name to log in to SMB server when Private Site is selected. Range: Up to 20 characters
	Password	Specify the password to log in to SMB server when Private Site is selected. Range: Up to 20 characters
	Confirm	Type in the password again for confirmation. Range: Up to 20 characters
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

Group Dial Setting

On the Scan - Group Dial Setting page, settings for group dialing can be specified.

Item	Description
No.	Displays the number in the group dial list. Click a group dial number where no destination is registered to add in the Group Dial Registration page. For details, refer to "Group Dial Registration (Destination type)" on page 148. If a group is already registered with the number that is clicked, the registered information can be edited.
Name	Displays the name of the group dial.
Address	Shows whether the registered group contains fax destinations or e-mail destinations.
Delete button	Deletes the corresponding group dial.

Group Dial Registration (Destination type)

In the Scan - Group Dial Setting - Group Dial Registration window, select the type of group dial destination to be added.

Item	Description
Group Registration	From the drop-down list, select the type of group dial destination to be added. If **Fax** is selected, a group of Fax destinations will be displayed. If **E-mail** is selected, a group of E-mail destinations will displayed. For details, refer to "Group Dial Registration (Add Destinations)" on page 148. Choices: Fax, E-mail Default: Fax
Apply button	Displays the page for the type of speed dial destination selected from the list.
Clear button	Resets all configuration settings in this page to their user defaults.

Group Dial Registration (Add Destinations)

Item	Description
Group Dial Name	Specify the name of the group dial. Range: Up to 20 characters
Speed Dial Index	Click to jump to the beginning of the speed dial list within the same page.
Speed Dial 001-020/Speed Dial 021-040/Speed Dial 041-060/ Speed Dial 061-080/Speed Dial 081-100/Speed Dial 101-120/ Speed Dial 121-140/Speed Dial 141-160/Speed Dial 161-180/ Speed Dial 181-200/Speed Dial 201-220	Displays the list of registered speed dial numbers, 20 at a time. Select the check box on the left side of the list to add the corresponding speed dial destination to a group dial. **Note:** SMB and FTP destination type cannot be registered in the group dial. The registered speed dial that contains fax destination and e-mail address cannot be registered in a same group.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings for this window to their user defaults.

Fax Configuration

User Data Resistration

In the Scan - Fax Configuration - User Data Registration page, user information can be registered.

Item	Description
User Name (32 char.)	Specify the user name. Range: Up to 32 characters Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - USER NAME
Fax Number (20 char.)	Specify the fax number. Range: Up to 20 characters Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - USER FAX NUMBER
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Transmission Operation

Item	Description
Density Level	Specify the density level for fax scanning. Choices: -1, 0, +1 Default: 0 Configuration Menu Equivalent: UTILITY - FAX TX OPERATION - DENSITY LEVEL
Quality Priority	Select the quality setting given priority with fax scanning. Choices: Standard/Text, Fine/Text, Super Fine/Text, Standard/Photo, Fine/Photo, Super Fine/Photo Default: Standard/Text Configuration Menu Equivalent: UTILITY - FAX TX OPERATION - QUALITY PRIORITY
Default TX	Select the default transmission mode. Choices: Memory TX, Direct TX Default: Memory TX Configuration Menu Equivalent: UTILITY - FAX TX OPERATION - DEFAULT TX

Item	Description
Header	Select whether or not the transmission information (date sent, sender's name, fax number, etc.) is printed on sent faxes. Choices: On, Off Default: On Configuration Menu Equivalent: UTILITY-FAX TX OPERATION-HEADER **Note:** If User Setting - Fax PTT Setting is set to **Korea**, no setting other than On can be selected, therefore, this parameter does not appear.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Reception Operation

Item	Description
Memory RX Mode	Select whether to allow (On) memory reception or not (Off). Select On not to print when receiving confidential faxes or when no one is around, for example, at night. The received document can be stored in the memory and printed at a specified time or when memory reception is set to Off. A password can be set to specify the starting time or ending time of memory reception, or to cancel the function. The set of starting time and ending time are valid every day until memory reception is turned off. Choices: Off, On Default: Off ❏ On Time Range: 00:00 to 23:59 ❏ Off Time Range: 00:00 to 23:59 ❏ Password Range: 0000 to 9999 Configuration Menu Equivalent: UTILITY-FAX RX OPERATION-MEMORY RX MODE
Number of Rings	Specify the number of rings that are sounded. Range: 1 to 16 Default: Depending on country setting Configuration Menu Equivalent: UTILITY-FAX RX OPERATION-NO. of RINGS

Item	Description
Reduction RX	Select whether documents longer than the paper are printed reduced, split, or discarded. If **On** is selected, received faxes are printed reduced. If **Off** is selected, received faxes are printed at full size and split onto multiple pages. If **Cut** is selected, received faxes are printed while erasing any part that does not fit within the page. However, when sending a document more than 24 mm (1 inch) longer than the paper, Cut is not available. (In this case, the document is split.) Choices: On, Off, Cut Default: On Configuration Menu Equivalent: UTILITY-FAX RX OPERATION-REDUCTION RX
RX Print	Select whether the fax is printed only after all document pages have been received or printing begins as soon as the first page of the document is received. If **Memory RX** is selected, printing begins after all pages have been received. If **Print RX** is selected, printing begins after the first page has been received. Choices: Memory RX, Print RX Default: Memory RX Configuration Menu Equivalent: UTILITY-FAX RX OPERATION-RX PRINT
RX Mode	Select the reception mode. Choices: Auto RX, Manual RX Default: Auto RX Configuration Menu Equivalent: UTILITY-FAX RX OPERATION-RX MODE
Forward Mode	Select the forwarding mode. Choices: Off, On, On(Print) Default: Off Configuration Menu Equivalent: UTILITY-FAX RX OPERATION-FORWARD
Forward Address	Specify the forwarding address for fax or e-mail. Range: Up to 50 characters (Fax), 64 characters (E-mail) Configuration Menu Equivalent: UTILITY-FAX RX OPERATION-FORWARD

Item	Description
Footer Enable	Select whether or not the footer is printed. Choices: On, Off Default: Off Configuration Menu Equivalent: UTILITY - FAX RX OPERATION - FOOTER
Select Tray	This parameter can be used to select which paper trays can be used to supply paper when printing received documents or transmission reports. The paper trays can also be set so that they cannot be used for supplying paper. Choices: Enable or Disable (Tray1, Tray2, Tray3) Default: Enable (Tray1, Tray2, Tray3) Configuration Menu Equivalent: UTILITY - FAX RX OPERATION - SELECT TRAY **Note:** "Tray3" appears only if an optional 500-Sheet Paper Cassette Unit is installed.
Duplex Print	Select whether or not both sides of the paper is printed on when a document containing multiple pages is received. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY - FAX RX OPERATION - DUPLEX PRINT
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Communication Setting

Item	Description
Tone/Pulse	Select a tone or pulse dialing mode. If this parameter is not specified correctly, faxes cannot be sent. Choices: Tone, Pulse 10PPS, Pulse 20PPS Default: Tone Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - COMM. SETTING - TONE/PULSE

Item	Description
Line Monitor Volume	Select the volume of the monitoring sound of the transmission signal. Choices: High, Low, Off Default: Low Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-COMM. SETTING-LINE MONITOR **Note:** Even when **Off** is selected, the monitoring sound can be heard when the **On hook** key in the control panel is pressed.
PSTN/PBX	Select whether the connected telephone wiring is a public switched telephone network (PSTN) or a private branch exchange (PBX). Choices: PSTN, PBX Default: PSTN Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-COMM. SETTING-PSTN/PBX **Note:** When **PBX** is selected, the PBX number can be set between 0 and 9999.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Reporting

Item	Description
Activity Report	A report can be printed to show the results of transmission/receptions. Choices: On, Off Default: On Configuration Menu Equivalent: UTILITY-REPORTING-ACTIVITY REPORT

Item	Description
TX Result Report	Select whether or not a report showing the results of a transmission is printed automatically after the transmission is finished. If **On** is selected, a report is printed after each transmission is finished. If **On (Error)** is selected, a report is printed after the transmission only if an error occurred. **Note:** The first page of the document that resulted in a transmission error is reduced in size and printed along with the error result. If **Off** is selected, a report is not printed after each transmission is finished. The report is not printed even if an error occurred. Choices: On, On (Error), Off Default: On (Error) Configuration Menu Equivalent: UTILITY-REPORTING-TX RESULT REPORT
RX Result Report	Select whether or not a report showing the results of a reception is printed automatically after the reception is finished. If **On** is selected, a report is printed after each reception is finished. If **On (Error)** is selected, a report is printed after the reception only if an error occurred. If **Off** is selected, a report is not printed after each reception is finished. The report is not printed even if an error occurred. Choices: On, On (Error), Off Default: On (Error) Configuration Menu Equivalent: UTILITY-REPORTING-RX RESULT REPORT
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

User Setting

Item	Description
Fax PTT Setting	Displays the country where this machine is installed. Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-USER SETTING-PTT SETTING

Item	Description
Date Format	Select the date display format for reports and lists. Choices: MM/DD/YY, DD/MM/YY, YY/MM/DD Default: MM/DD/YY Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - DATE FORMAT
Preset Zoom	Select whether the zoom method is aligned on inch paper sizes or metric sizes when Reduction RX is set to **On**. Choices: Inch, Metric Default: Depends on PTT SETTING Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - USER SETTING - PRESET ZOOM
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Auto Redial Setting

Item	Description
Number of Redials	Specify the number of redial attempts. Range: 1 to 10
Redial Interval	Specify the redial interval. Range: 2 to 99.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Downloading/Uploading Destination List

In the Scan - Downloading/Uploading Destination List window, the destination information can be downloaded or uploaded.

Item	Description
Download	Click the **Apply** button to save the registered destinations as a file on the computer being used.

Item	Description
Upload	Click **Browse** button to display the dialog box for browsing to the folder where the file containing the machine settings was saved. Specify the location of the file containing the destinations, and then click the **Apply** button to write the destinations to the machine.

Note:
When making changes to an exported CSV file, use a text editor. If the file is not saved using a text editor, an error will occur when the file is imported.

Network Page

This page allows you to configure network settings. For more information on these protocols, see Chapter 5 “Network Printing” on page 61.

TCP/IP

TCP/IP

For more information on these TCP/IP, see Chapter 5 “Network Printing” on page 61.

Item	Description
TCP/IP	Sets whether or not to make a connection via TCP/IP. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - TCP/IP
Speed	Specifies the operating mode and speed for Ethernet. Choices: Auto, 10Base-T (Half), 10Base-T (Full), 100Base-TX (Half), 100Base-TX (Full), 1000Base-T (Full) Default: Auto Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - SPEED/DUPLEX
LPD	Select whether or not LPD is used. Choices: Enable, Disable Default: Enable

Item	Description
SLP	Select whether or not SLP is used. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - SLP
LLMNR	Select whether or not LLMNR is used. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

IPv4 Settings

For more information on these TCP/IP, see Chapter 5 “Network Printing” on page 61.

Item	Description
Auto IP	Specifies the automatic assigning method for the printer IP address. Choices: DHCP, BootP, ARP/PING **Note:** You can select multiple items from the available choices. Default: DHCP Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - DHCP, BOOTP, ARP/PING
IP Address*	Sets the printer’s IP address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 **Note:** If the specified IP address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value. Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IP ADDR. SETTING

Item	Description
Subnet Mask*	Sets the printer's subnet mask address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 **Note:** If the specified subnet mask address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value. Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IP ADDR. SETTING
Default Gateway*	If a router is used on the network, sets the router's address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 **Note:** If the specified router address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value. Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IP ADDR. SETTING
Domain Name Automatic Acquisition	Select whether or not the default DNS domain name is automatically acquired from the DHCP server to overwrite the current setting. Choices: Enable, Disable Default: Enable
DNS Server Automatic Acquisition	Select whether or not the DNS server address is automatically acquired from the DHCP server to overwrite the current setting. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

* Always enter these addresses without leading zeros. For example, 131.011.010.001 should be entered as 131.11.10.1.

IPv6 Settings

For more information on these TCP/IP, see Chapter 5 "Network Printing" on page 61.

Item	Description
IPv6	Select whether or not IPv6 is used. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IPv6 - DISABLE/ENABLE
IPv6 Auto Setting	Select whether or not the IPv6 auto setting is used. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IPv6 - AUTO SETTING
IPv6 Link Local Address	Displays IPv6 Link Local Address. Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IPv6 - LINK LOCAL
IPv6 Global Address	Specifies the IPv6 Global Address. Range: 4 to 43 bytes Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IPv6 - GLOBAL ADDRESS **Note:** When IPv6 Auto Setting is set to **Enable**, this item is not applied, even if the setting is changed.
IPv6 Gateway Address	Specifies the IPv6 Gateway Address. Range: 6 to 39 bytes Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IPv6 - GATEWAY ADDRESS **Note:** When IPv6 Auto Setting is set to **Enable**, this item is not applied, even if the setting is changed.
DHCPv6	Select whether or not DHCPv6 is used. Choices: Enable, Disable Default: Enable
DNS Server Automatic Acquisition	Select whether or not the DNS server address is automatically acquired from the DHCPv6 server to overwrite the current setting. Choices: Enable, Disable Default: Enable

Item	Description
Search Domain Name Automatic Acquisition	Select whether or not the DNS search domain name is automatically acquired from the DHCPv6 server to overwrite the current setting. Choices: Enable, Disable Default: Enable
NTP Server Automatic Acquisition	Select whether or not the NTP server address is automatically acquired from the DHCPv6 server to overwrite the current setting. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

RAW Port Settings

For more information on these TCP/IP, see Chapter 5 “Network Printing” on page 61.

Item	Description
RAW Port	Select whether or not RAW port is used. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - RAW PORT - DISABLE/ENABLE
RAW Port Number	Identifies the number of the printer’s RAW port. Choices: 1 - 65535 Default: 9100 **Note:** The currently used port number and numbers 80, 161, 427, 443, 515, 631 and 4567 cannot be specified.
RAW Port Bidirectional	Select whether or not the RAW Port bidirectional is used. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - RAW PORT - BIDIRECTIONAL
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

DNS Settings

For more information on these TCP/IP, see Chapter 5 “Network Printing” on page 61.

Item	Description
Host Name	Specifies the host name. Range: Up to 63 bytes Default: EPSON AL-CX37-xxxxxx **Note:** xxxxxx displays six last digits of the MAC address in hexadecimals.
Domain Name	Specifies the domain name. Range: Up to 63 bytes
DNS Server(IPv4)	Specifies the IPv4 DNS server address. Up to three can be registered. Default: 0.0.0.0
DNS Server(IPv6)	Specifies the IPv6 DNS server. Up to three can be registered. Default: ::
Search Domain Name	Specifies the DNS search domain name. Up to three can be registered.
Dynamic DNS	Select whether or not Dynamic DNS is used. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-NETWORK SETTING-DYNAMIC DNS
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

IP Address Filtering

Note:

❏ *The settings described below are not applied to the DNS server and DHCP server.*

❏ *If the range of permitted IP addresses in Access Permission Address overlaps the range of refused IP address in Access Refuse Address, the refuse setting of Access Refuse Address is given priority.*

Item	Description
Access Permission Address	If **Enable** is selected, the range of IP addresses permitted access to the printer can be specified. A maximum of five ranges of permitted IP addresses can be specified. In addition, access from an IP address out of the specified range is prohibited. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-NETWORK SETTING-IP ADDR. FILTER-ACCESS PER.
Range of IP address permitted access*	Specify the range of IP addresses permitted access to the printer. Type the IP address at the beginning of the range into the box on the left, and the IP address at the end of the range into the box on the right. Range: 0-255 for each xxx triplet Default: 0.0.0.0 **Note:** ❏ To specify a single IP address, type the same IP address into both the box for the starting IP address and for the ending IP address, or type "0.0.0.0" into the box for either the starting IP address or the ending IP address. ❏ If the starting IP address is larger than the ending IP address, the setting is not applied.
Access Refuse Address	If **Enable** is selected, the range of IP addresses refused access to the printer can be specified. A maximum of five ranges of refused IP addresses can be specified. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-NETWORK SETTING-IP ADDR. FILTER-ACCESS REFUSE
Range of IP address refused access*	Specify the range of IP addresses refused access to the printer. Type the IP address at the beginning of the range into the box on the left, and the IP address at the end of the range into the box on the right. Range: 0-255 for each xxx triplet Default: 0.0.0.0 **Note:** ❏ To specify a single IP address, type the same IP address into both the box for the starting IP address and for the ending IP address, or type "0.0.0.0" into the box for either the starting IP address or the ending IP address. ❏ If the starting IP address is larger than the ending IP address, the setting is not applied.
Apply button	Applies the configuration settings in this page.

Item	Description
Clear button	Resets all configuration settings to previous values.

* Always enter these addresses without leading zeros. For example, 131.011.010.001 should be entered as 131.11.10.1.

IPsec

Item		Description
Generic Settings	IPsec	Displays whether to enable or disable the IPsec function.
	IKE Life Time	Display the IKE Life Time.
	IKE Diffie-Hellman Group	Display the IKE Diffie-Hellman Group.
	IPsec SA Life Time	Display the IPsec SA Life Time.
	Edit icon	Click this icon to display the settings page.
IKE Settings/IPsec SA Settings/IPsec Peer Settings		Displays the registered settings.
IKE Settings/IPsec SA Settings/IPsec Peer Settings (Edit icon)		Click this icon to display the settings page.
IKE Settings/IPsec SA Settings/IPsec Peer Settings (Delete icon)		Click this icon to delete the settings.

IPsec (General Settings)

Item	Description
IPsec	Select whether to enable or disable the IPsec function. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IPSEC
IKE Life Time	Specifies the IKE Life Time (in seconds). Range: 80-604800 Default: 28800
IKE Diffie-Hellman Group	Selects IKE Diffie-Hellman Group. Choices: Group1, Group2 Default: Group2

Item	Description
IPsec SA Life Time	Specifies the IPsec SA Life Time (in seconds). Range: 120-604800 Default: 3600
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.
Cancel button	Click to cancel the entered data and return to the Network - TCP/IP - IPsec page.

IPsec (IKE Settings)

Item	Description
No.	Displays the number (No.) to be registered.
Encryption Algorithm	Select the encryption algorithm to be used when creating a control tunnel. Choices: DES-CBC, 3DES-CBC Default: DES-CBC
Authentication Algorithm	Select the authentication algorithm to be used when creating a control tunnel. Choices: MD5, SHA-1 Default: MD5
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.
Cancel button	Click to cancel the entered data and return to the Network - TCP/IP - IPsec page.

IPsec (IPsec SA Settings)

Item	Description
No.	Displays the number (No.) to be registered.
Security Protocol	Select the security protocol. Choices: AH, ESP, ESP & AH Default: AH
Encryption Algorithm for ESP	When **ESP** is selected for Security Protocol, specify the ESP encryption algorithm. Choices: None, DES-CBC, 3DES-CBC, AES-CBC, AES-CTR Default: None

Item	Description
Authentication Algorithm for ESP	When **ESP** is selected for Security Protocol, specify the ESP authentication algorithm. Choices: None, MD5, SHA-1 Default: None
Authentication Algorithm for AH	When **AH** is selected for Security Protocol, specify the AH authentication algorithm. Choices: MD5, SHA-1 Default: MD5
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.
Cancel button	Click to cancel the entered data and return to the Network - TCP/IP - IPsec page.

IPsec (IPsec Peer Settings)

Item	Description
No.	Displays the number (No.) to be registered.
Perfect Forward Secrecy	To increase the IKE strength, select **Use**. Choices: Not Use, Use Default: Not Use
Peer's Address	Specify the IP address of the peer. Range: 2 to 39 bytes **Note:** An IPv4 or IPv6 address can be specified.
Pre-Shared Key	Specify the Pre-Shared Key text shared with the peer. Range: Up to 64 bytes
Encapsulation Mode	Specify the operation mode of IPsec. Choices: Not Use, Tunnel Mode, Transport Mode Default: Not Use
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.
Cancel button	Click to cancel the entered data and return to the Network - TCP/IP - IPsec page.

Bonjour

Item	Description
Bonjour	Select whether to enable or disable the Bonjour function. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - BONJOUR
Bonjour Name	Specify the Bonjour name for the printer. Range: 1 to 63 bytes Default: AL-CX37-xxxxxx.local **Note:** "xx.xx.xx" refers to the last six digits of the MAC address (in hexadecimal).
Priority Protocol	Specify the connection protocol given priority with Bonjour. Choices: LPD, RAW Port, IPP Default: RAW Port
Apply button	Applies the configuration settings in this page.
Clear button	Resets all configuration settings to previous values.

LDAP

Item	Description
LDAP	Select whether or not the LDAP server is used. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - LDAP SETTING - DISABLE/ENABLE
Server Address	Specify the address of the LDAP server. IPv4 address or FQDN (Fully Qualified Domain Name) can be specified. Range: Up to 64 characters Default: 0.0.0.0 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - LDAP SETTING - LDAP SERVER ADDR.

Item	Description
Port Number	Specify the port number of the LDAP server. Range: 1 to 65535 Default: 389 Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-LDAP SETTING-LDAP PORT NO.
Enable SSL	Select whether SSL is enabled or disabled. Choices: On, Off Default: Off Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-LDAP SETTING-SSL SETTING
Port Number(SSL)	Specify the port number of the LDAP server when SSL is used. Range: 1 to 65535 Default: 636
Search Base	Specify the search starting point in a hierarchical structure arranged on the LDAP server. Range: Up to 64 characters Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-LDAP SETTING-SEARCH BASE
Attribute	Specify the attribute that acquires. Range: Up to 32 characters Default: cn Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-LDAP SETTING-ATTRIBUTE
Search Method	The specified characters can be searched for at the beginning, within or at the end. Choices: Begin, Contain, End Default: Contain Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-LDAP SETTING-SEARCH METHOD
Timeout	Specify the maximum wait time during a search. Range: 5 to 300 Default: 60 Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-LDAP SETTING-LDAP TIMEOUT

Item	Description
Maximum Search Results	Specify the maximum number of destinations displayed after a search. Range: 5 to 100 Default: 100 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - LDAP SETTING - MAX. SEARCH RESULTS
Authentication Method	Select the authentication method used for logging on to the LDAP server. If **Anonymous** is selected, a user name and password are not necessary. If **Simple** is selected, a user name and password are necessary. If **Digest-MD5** is selected, use with a general LDAP server. This cannot be used with Active Directory. If **GSS-SPNEGO** is selected, use with Active Directory in Windows. If **NTLMv2** is selected, use NTLM authentication in Windows. Choices: Anonymous, Simple, Digest-MD5, GSS-SPNEGO, NTLMv2 Default: Anonymous Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - LDAP SETTING - AUTHENTICATION **Note:** If " GSS-SPNEGO " is used, the address of the LDAP server to be used must be specified in the System - Date/Time - Time Adjustment Settings - NTP Server Address page, and the time on this machine and the LDAP server must be the same.
LDAP Account	Specify the account used to connect to the LDAP server. Range: Up to 64 characters Default: anonymous Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - LDAP SETTING - LDAP ACCOUNT
Password	Specify the password used to connect to the LDAP server. Range: Up to 32 characters Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - LDAP SETTING - LDAP PASSWORD
Domain Name	Specify the necessary domain name used to connect to the LDAP server. Range: Up to 64 characters Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - LDAP SETTING - DOMAIN NAME
Apply button	Applies the configuration settings in this window.

Item	Description
Clear button	Resets all configuration settings to previous values.
Check Connection	Confirms whether the server can be logged in as the specified content or not.

Note:
When an LDAP server is used, the correct search results may not be retrieved when the search is performed from a server using anonymous access.

WSD

Item	Description
WSD Print	Select whether to enable or disable the WSD print function. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - WSD PRINT
Secure Mode	Select whether or not WSD communication is performed with SSL. Choices: Enable, Disable Default: Disable **Note:** This item appears only if the SSL/TLS settings are enabled.
Device Name	Displays the device name. Default: AL-CX37-xxxxxx **Note:** Specify the settings from the System - Machine Settings page.
Device Location	Displays the device location. **Note:** Specify the settings from the System - Machine Settings page.
Device Information	Displays the device information. **Note:** Specify the settings from the System - Machine Settings page.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

LLTD

Item	Description
LLTD	Select whether or not LLTD is used. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

NetWare

NetWare

Item		Description
NetWare	NetWare Print	Enables or Disables the NetWare print option. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-NETWORK SETTING-NETWARE
	Frame Type	Specifies the Frame Type. Choices: Auto, Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP Default: Auto
	Mode	Specifies the NetWare Configuration mode. Choices: Disable, PServer, NPrinter/RPrinter Default: Disable

Item		Description
PServer	Print Server Name	Sets the Print Server Name for the printer. Range: 1 to 63 bytes Default: AL-CX37-xxxxxx **Note:** xxxxxx displays six last digits of the MAC address in hexadecimals.
	Print Server Password	Sets the Print Server password. Range: Up to 31 bytes
	Retype Password	Verifies the new password typed in the Print Server Password text box. Range: Up to 31 bytes
	Print Queue Scan Rate	Sets the number of the queue scan interval. Range: 1 - 65535 (Seconds) Default: 1
	Bindery/NDS	Specifies the bindery options. Choices: NDS, Bindery/NDS, Bindery Default: NDS
	Preferred File Server	Sets the Preferred File Server for the printer. Range: Up to 47 bytes
	Preferred NDS Context Name	Sets the Preferred NDS Context for the printer. Range: Up to 191 bytes
	Preferred NDS Tree Name	Sets the Preferred NDS Tree for the printer. Range: Up to 63 bytes
NPrinter/RPrinter	Printer Name	Sets the printer's name. Range: 1 to 63 bytes Default: AL-CX37-xxxxxx **Note:** xxxxxx displays six last digits of the MAC address in hexadecimals.
	Printer Number	Sets the Printer Number. Range: 0 - 255 Default: 255
Apply button		Applies the configuration settings for this window.

Item	Description
Clear button	Resets all configuration settings to previous values.

NetWare Status

Item	Description
File Server	Identifies current NetWare file server.
Queue Name	Identifies current NetWare queue name.
Queue Status	Identifies current NetWare status.

IPP

For details on IPP, refer to Chapter 5 "Network Printing" on page 61. In order to apply the settings, the printer must be turned off, then on again after the setting is specified.

Item	Description
IPP Print	Sets whether or not to use IPP. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IPP
Accept IPP Job	Sets whether or not to accept IPP Job. Choices: Enable, Disable Default: Enable
Printer Name	Displays the printer's name. Range: Up to 127 bytes Default: AL-CX37-xxxxxx **Note:** Specify the settings from the System - Machine Settings page.
Printer Location	Displays the printer's location. **Note:** Specify the settings from the System - Machine Settings page.
Printer Information	Displays the printer information. **Note:** Specify the settings from the System - Machine Settings page.

Item		Description
Printer URI		Displays the printer's Uniform Resource Identifier (URI). ❏ http://<IP_address>/ipp ❏ http://FQDN:/ipp ❏ ipp://<IP_address>/ipp ❏ ipp://FQDN:/ipp ❏ https://<IP_address>/ipp ❏ https://FQDN:/ipp **Note:** "https://[IP_address]/ipp", and "https://FQDN:/ipp" appear only if the SSL/TLS settings are enabled.
Operational Support	Print Job	If this check box is selected, Print Job is enabled. Default: Checked
	Validate Job	If this check box is selected, Validate Job is enabled. Default: Checked
	Cancel Job	If this check box is selected, Cancel Job is enabled. Default: Checked
	Get Job Attributes	If this check box is selected, Get Job Attributes is enabled. Default: Checked
	Get Jobs	If this check box is selected, Get Jobs is enabled. Default: Checked
	Get Print Attributes	If this check box is selected, Get Print Attributes is enabled. Default: Checked
IPP Authentication		Specifies the authentication method for IPP connections. Choices: None, Requesting-user-name, Basic, Digest Default: Requesting-user-name
User Name		Specify the user name used with Basic or Digest authentication. Range: 1 to 20 bytes Default: user
Password		Specify the password used with Basic or Digest authentication. Range: 1 to 20 bytes Default: pass

Item	Description
Realm	Specify the realm used with Basic or Digest authentication. Range: 1 to 127 bytes Default: IPP
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

FTP

Server

Item	Description
FTP Server	Enables or Disables the FTP server. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-NETWORK SETTING-FTP SERVER
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Client

Item	Description
Send	If **Enables** is selected, FTP transmission is enabled. Choices: Enables, Disable Default: Disable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-NETWORK SETTING-FTP TX
Proxy Server	Specify the address when using via proxy server. IPv4 address or FQDN (Fully Qualified Domain Name) can be specified. Range: Up to 64 characters Default: 0.0.0.0

Item	Description
Proxy Port Number	Specify the port number for the proxy server. Choices: 1 to 65535 Default: 21
Connection Timeout	Select the amount of time (in seconds) until the connection with the FTP server times out. Choices: 5 to 300 Default: 60
Apply button	Applies the configuration settings in this window.
Clear button	Resets all configuration settings to previous values.

SNMP

Item		Description
SNMP	SNMP	If **Enable** is selected, SNMP is enabled. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - SNMP
	SNMP v1/v2c(IP)	If **Enable** is selected, SNMP v1/v2c(IP) is enabled. Choices: Enable, Disable Default: Enable
	SNMP v3(IP)	If **Enable** is selected, SNMP v3(IP) is enabled. Choices: Enable, Disable Default: Enable
	SNMP v1(IPX)	If **Enable** is selected, SNMP v1(IPX) is enabled. Choices: Enable, Disable Default: Enable **Note:** In order for this parameter to be available, NetWare Print in the Network - NetWare page must be set to Enable.
	UDP Port	Specifies the UDP port number. Range: 1 - 65535 Default: 161 **Note:** The numbers 427 and 500 cannot be specified.
SNMP v1/ v2c(IP)	Read Community Name	Specifies the community name to be used for scanning. Range: 1 to 15 bytes Default: public
	Write	If **Enable** is selected, Write is enabled. Choices: Enable, Disable Default: Enable
	Write Community Name	Specifies the community name to be used for reading and writing. Range: 1 to 15 bytes Default: private

Item		Description
SNMP v3	Context Name	Specifies the context name. Range: Up to 63 bytes
	Discovery	If **Enable** is selected, Discovery is enabled. Choices: Enable, Disable Default: Enable
	Discovery User Name	Specifies the user name for detection. Range: 1 to 32 bytes Default: public
	Read User Name	Specifies the name of read only user. Range: Up to 32 bytes Default: initial **Note:** The same name specified as the Discovery User Name and Write User Name cannot be used.
	Read Security Level	Specifies the security level for read only user. Choices: None, Auth-password, Auth-password/Priv-password Default: Auth-password/Priv-password
	Read Auth-password	Specifies the read only user authentication password to be used for authentication. Range: 8 to 32 bytes Default: AuthPassword

Item		Description
	Read Priv-password	Specifies the read only user privacy password to be used for privacy (encryption). Range: 8 to 32 bytes Default: PrivPassword
	Write User Name	Specifies the reading/writing user name. Range: Up to 32 bytes Default: restrict **Note:** The same name specified as the Discovery User Name and Write User Name cannot be used.
	Write Security Level	Specifies the security level for reading/writing user. Choices: None, Auth-password, Auth-password/Priv-password Default: Auth-password/Priv-password
	Write Auth-password	Specifies the reading/writing user authentication password to be used for authentication. Range: 8 to 32 bytes Default: <Mac address>(excluding colons)
	Write Priv-password	Specifies the reading/writing user privacy password to be used for privacy (encryption). Range: 8 to 32 bytes Default: <Mac address>(excluding colons)
	Encryption Algorithm	Select an encryption algorithm. Choices: DES, AES-128 Default: DES
	Authentication Method	Select an authentication method. Choices: MD5, SHA-1 Default: MD5

Item		Description
Trap Settings	Allow Setting	Specifies whether or not to permit the Trap settings Choices: Allow, Restrict Default: Allow
	Trap Setting When Authentication Fails	Specifies whether to enable or disable the Trap settings when authentication failed. Choices: Enable, Disable Default: Disable
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

AppleTalk

Item	Description
AppleTalk	If **Enable** is selected, AppleTalk is enabled. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-NETWORK SETTING-APPLETALK
Printer Name	Sets the printer name. Range: 1 to 31 bytes Default: AL-CX37-xxxxxx **Note:** xxxxxx displays six last digits of the MAC address in hexadecimals.
Zone Name	Sets the Zone Name. Range: 1 to 31 bytes Default: *
Current Zone Name	Identifies the current zone name.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Email

Send Email

Item		Description
E-mail	SMTP	If **Enable** is selected, sending Email is enabled. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-E-MAIL SETTING-SMTP
	Scan Sending	If Enable is selected, scan sending is enabled. Choices: Enable, Disable Default: Enable
	E-mail Address	Specify the name of the E-mail sender when using network scanning. Range: Up to 20 characters Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-E-MAIL SETTING-E-MAIL ADDRESS
	Sender Name	Specify the E-mail address of the sender when using network scanning. Range: Up to 64 characters Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-E-MAIL SETTING-SENDER NAME **Note:** If the E-mail Address text box remains blank when the Apply button is clicked, an error appears. Be sure to specify an appropriate setting.
	Default Subject	Specify the subject of the E-mail message when using network scanning. Range: Up to 20 characters Default: From Epson AL-CX37 Configuration Menu Equivalent: UTILITY-ADMIN. MANAGEMENT-E-MAIL SETTING-DEFAULT SUBJECT
	SMTP Server Address	Specifies the IP address or host name for the SMTP server. Range: Up to 64 characters Default: 0.0.0.0 **Note:** When specifying a setting for SMTP Server Address, also specify a setting for E-mail Address.

Item		Description
	Port Number	Specifies the port number communicating with the SMTP server. Range: 1 - 65535 Default: 25
	Connection Timeout	Select the amount of time (in seconds) until the connection with the SMTP server times out. Range: 30 - 300 (seconds) Default: 60
	Text Insert	Select whether or not text is inserted into the body of the e-mail message when sending e-mail with a Scan to E-mail operation. Choices: On, Off Default: Off Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - E-MAIL SETTING - TEXT INSERT
Authentication	POP before SMTP	If **Enable** is selected, POP before SMTP is enabled. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - E-MAIL SETTING - POP BEFORE SMTP - DISABLE/ENABLE
	POP before SMTP Time	Specify the time period to access the SMTP server after logging in to the POP server. Range: 0 - 60 (in seconds) Default: 1
	POP3 Server Address	Type in the host name or IP address for the POP3 server used for authentication with POP before SMTP. Range: Up to 64 characters Default: 0.0.0.0 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - E-MAIL SETTING - POP BEFORE SMTP - POP3 SERVER ADDR.
	Account Name	Type in the account name used for POP3 server. Range: Up to 63 characters Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - E-MAIL SETTING - POP BEFORE SMTP - POP3 ACCOUNT

Item		Description
	Password	Type in the password used for POP3 server. Range: Up to 15 characters Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - E-MAIL SETTING - POP BEFORE SMTP - POP3 PASSWORD
	Port Number	Specify the port number used for communicating with the SMTP server. Range: 1 to 65535 Default: 110 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - E-MAIL SETTING - POP BEFORE SMTP - POP3 PORT NO.
	POP3 Timeout	Select the amount of time (in seconds) until the connection with the POP3 server times out. Range: 30 to 300 Default: 30 Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - E-MAIL SETTING - POP BEFORE SMTP - POP3 TIMEOUT
	SMTP Authentication	If **Enable** is selected, SMTP server authentication is enabled. Choices: Enable, Disable Default: Disable
	User Name	Type in the user name used for authentication with SMTP Authentication. Range: Up to 63 characters
	Password	Type in the password used for authentication with SMTP authentication. Range: Up to 128 characters
	Realm	Specify the realm used with Digest-MD5 authentication. Range: Up to 255 characters
Apply button		Applies the configuration settings for this window.
Clear button		Resets all configuration settings to previous values.

Note:
Use alphanumeric characters (including some symbols) for the Sender Name and Default Subject. Using other characters will corrupt the characters for the E-mail destination. For details on characters that can be entered, refer to the Printer/Copier/Scanner User's Guide.

SMB

Send SMB

Item	Description
Send	If Enable is selected, SMB transmission is enabled. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - SMB
NTLM Setting	Select the version of NTLM Setting. Choices: v1, v2, v1/v2 Default: v1
User Authentication	Select whether or not NTLM user authentication is performed. Choices: On, Off Default: On
DFS	To perform SMB transmission in a distributed file system (DFS) environment, select Enable. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings in this window.
Clear button	Resets all configuration settings to previous values.

Direct Hosting Settings

Item	Description
Direct Hosting Settings	Select whether or not Direct Hosting of SMB is used. To use IPv6 addresses for communication, select **Enable**. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings in this window.
Clear button	Resets all configuration settings to previous values.

SSL/TLS

SSL/TLS Information

Note:
As a default, SSL/TLS is not installed. Click ***Setting*** *to create a certificate and specify the SSL settings.*

Item	Description
Setting button	Displays the SSL/TLS Setting page.

SSL/TLS Setting (When a certificate is not installed)

Item	Description
Create a Self-signed Certificate	Creates a self-signed certificate.
Request a Certificate	Creates data for requesting that a certificate be issued from a certificate authority.
Install a Certificate	Installs the certificate issued by the certificate authority.
Next button	Click to display the selected page.
Cancel button	Click to cancel the entered data and return to the Network - SSL/TLS - SSL/TLS Information page.

SSL/TLS Setting (When a certificate is installed)

Item	Description
Set a Encryption Strength	Specifies the encryption level. In addition, SSL/TLS can be disabled.
Remove a Certificate	Removes the certificate.
Mode Using SSL/TLS	Specifies the SSL transmission mode.
Next button	Click to display the selected page.
Cancel button	Click to cancel the entered data and return to the Network - SSL/TLS - SSL/TLS Information page.

Self-signed Certificate Setting

Item	Description
Common Name	Identifies the Common Name for the printer, to be used in creation of an SSL Certificate. It is comprised of "Printer Host Name. DNS Server". If DNS Server is un-available, only the host name is used as Common Name. **Note:** This text is read-only.
Organization	Specify the name of the group or organization. Range: 1 to 63 bytes
Organization Unit	Specify the name of the post. Range: 1 to 63 bytes
Locality	Specify the name of the municipality. Range: 1 to 127 bytes
State/Province	Specify the name of the state or province. Range: 1 to 127 bytes
Country	Specify the name of the country as a country code regulated by ISO03166. Range: 2 bytes
Email Address	Specify the e-mail address. Range: 1 to 127 bytes
Validity Start Date	Displays the current time.
Validity Period	Specify the period of validity. Range: 1 - 3650 (day) Default: 1
Encryption Strength	Specify the encryption level. Choices: ❏ AES_256bits ❏ AES_256bits, 3DES_168bits ❏ AES_256bits, 3DES_168bits, RC4_128bits ❏ AES_256bits, 3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits Default: AES_256bits, 3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits

Item	Description
Create button	Creates the self-signed certificate. **Note:** A few minutes are needed in order to create the certificate. When the message "To help protect your security, Internet Explorer has blocked this website from displaying content with security certificate errors. Click here for options..." appears after the self-signed certificate has been created, click **Display Blocked Content** and continue the procedure.
Back button	Click to return to the Network - SSL/TLS - SSL/TLS Setting page.
Cancel button	Click to cancel the entered data and return to the Network - SSL/TLS - SSL/TLS Information page.

Request a Certificate

Item	Description
Common Name	Identifies the Common Name for the printer, to be used in creation of an SSL Certificate. It is comprised of "Printer Host Name. DNS Server". If DNS Server is un-available, only the host name is used as Common Name. **Note:** This text is read-only.
Organization	Specifies the name of the group or organization. Range: 1 to 63 bytes
Organization Unit	Specifies the name of the post. Range: 1 to 63 bytes
Locality	Specifies the name of the municipality. Range: 1 to 127 bytes
State/Province	Specifies the name of the state or province. Range: 1 to 127 bytes
Country	Specify the name of the country as a country code regulated by ISO03166. Range: 2 bytes
Email Address	Specify the e-mail address. Range: 1 to 127 bytes
Next button	Click to create data for requesting that a certificate be issued.
Back button	Click to return to the Network - SSL/TLS - SSL/TLS Setting page.

Item	Description
Cancel button	Click to cancel the entered data and return to the Network - SSL/TLS - SSL/TLS Information page.

Certificate Request

Item	Description
Certificate Request	Displays the data that should be submitted to the certificate signing authority. This is called CSR (Certificate Signing Request). This data is to be submitted to the certificate signing authority by the user.
Save button	Click to save the data for requesting the certificate with the specified name.
OK button	Click to return to the Network - SSL/TLS - SSL/TLS Information page.

Install a Certificate

Item	Description
Install a Certificate	Signed CSR (Certificate Signing Request) should be pasted to this text area.
Next button	Click to display the Network - SSL/TLS - Encryption Strength Setting page.
Back button	Click to return to the Network - SSL/TLS - SSL/TLS Setting page.
Cancel button	Click to cancel the entered data and return to the Network - SSL/TLS - SSL/TLS Information page.

Encryption Strength Setting

Note:
This menu item appears if a certificate is installed.

Item	Description
Encryption Strength	Specify the encryption level. Choices: ❏ AES_256bits ❏ AES_256bits, 3DES_168bits ❏ AES_256bits, 3DES_168bits, RC4_128bits ❏ AES_256bits, 3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits Default: AES_256bits, 3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits

Item	Description
Create button	Click to specify the encryption level. If the Network - SSL/TLS - Install a Certificate page was previously displayed, the certificate is installed.
Back button	Returns to the previous screen.
Cancel button	Click to return to the Network - SSL/TLS - SSL/TLS Information page.

Remove a Certificate

Note:
This menu item appears if a certificate is installed.

Item	Description
OK button	Click to display a confirmation message. Click **OK** in the confirmation message to delete the certificate.
Back button	Click to return to the Network - SSL/TLS - SSL/TLS Setting page.
Cancel button	Click to return to the Network - SSL/TLS - SSL/TLS Information page.

Mode Using SSL/TLS

Note:
This menu item appears if a certificate is installed.

Item	Description
Mode Using SSL/TLS	Selects the SSL transmission mode. Choice: Disable, Enable Default: Disable
Apply button	Click to apply the setting specified beside “Mode Using SSL/TLS”.
Clear button	Resets all configuration settings to previous values.
Back button	Click to return to the Network - SSL/TLS - SSL/TLS Setting page.
Cancel button	Click to return to the Network - SSL/TLS - SSL/TLS Information page.

Authentication

User Authentication

Note:

❏ *This page appears only if an optional hard disk drive is installed.*

❏ *When User Authentication is set to* ***On*** *and Public Access is set to* ***Restrict*** *on this page, printing is not possible except from a host where authentication settings can be specified (Windows printer driver). In addition, resources (fonts, color profiles and form overlays) can no longer be downloaded and firmware can no longer be updated.*

Item	Description
User Authentication	Select whether or not user authentication is performed. Choices: On, Off Default: Off
Public Access	Select whether or not logon as a Public user is permitted when authentication settings have been specified. Choices: Allow, Restrict Default: Allow
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Auto Logout

Item	Description
Admin Mode Logout Time	Specify the length of time to automatically log off from Administrator mode. Range: 1 - 60 (Minutes) Default: 10
User Mode Logout Time	Specify the length of time to automatically log off from User Mode. Range: 1 - 60 (Minutes) Default: 60
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

IEEE802.1x

Item	Description
IEEE802.1x	Select whether to enable or disable the IEEE802.1x function. Choices: Enable, Disable Default: Disable Configuration Menu Equivalent: UTILITY - ADMIN. MANAGEMENT - NETWORK SETTING - IEEE802.1X
EAP Type	Select the type of authentication used with IEEE802.1x. Choices: None, EAP-MD5, EAP-TLS, EAP-TTLS, PEAP, LEAP, Server Specification Default: None
User ID	Specifies the account name, when EAP Type is set to **EAP-MD5**, **EAP-TLS**, **EAP-TTLS**, **PEAP**, **LEAP** or **Server Specification**. Range: Up to 128 bytes
Password	Specifies the password, when EAP Type is set to **EAP-MD5**, **EAP-TLS**, **EAP-TTLS**, **PEAP**, **LEAP** or **Server Specification**. Range: Up to 128 bytes
TTLS Anonymous Name	Specify the logon name used with EAP-TTLS primary authentication. Specifies the TTLS anonymous name, when EAP Type is set to **EAP-TTLS** or **Server Specification**. Range: 1 to 128 bytes Default: anonymous **Note:** If EAP Type is set to **Server Specification** while the actual authentication method is EAP-MD5, type in the same name as the User ID.
TTLS Authentication Type	Specify the EAP-TTLS phase 2 authentication procedure. Specifies the TTLS anonymous type, when EAP Type is set to **EAP-TTLS** or **Server Specification**. Choices: PAP, MS-CHAP, MS-CHAPv2 Default: MS-CHAPv2
Server Certificate Check	Specify the items where the server certificate is verified. Specifies the server certificate check, when EAP Type is set to **EAP-TLS**, **EAP-TTLS** or **PEAP**. Choices: Validity, CA Chain, Server ID **Note:** You can select multiple items from the available choices. Default: Validity

Item	Description
Send Client Certificate	Select whether or not the client certificate is sent when the client certificate is requested by the server. Specifies the send client certificate, when EAP Type is set to **EAP-TTLS** or **PEAP**. Choices: Enable, Disable Default: Disable
Client Certificate	Shows whether or not a client certificate has been specified. **Note:** Specify the settings from the Network - SSL/TLS page.
CA Certificate	Shows whether or not a CA certificate has been specified for CA reliability verification of server certificates. **Note:** Specify the settings from the Network - Authentication - CA Certificate page.
Server ID	Specify the characters for verification through backward matching with the CN attributes of the server certificate. Specifies the server ID, when EAP Type is set to **EAP-TLS**, **EAP-TTLS**, or **PEAP**. Range: 1 to 64 bytes
Encryption Strength	Specify the encryption level of TLS packets with EAP-TLS/TTLS/PEAP. Specifies the encryption strength, when EAP Type is set to **EAP-TLS**, **EAP-TTLS**, or **PEAP**. Choices: Low, Medium, High Default: Low
Limit Time of Network Stop	Specify the length of time to postpone stopping the network when authentication fails from the start of authentication. Range: 0, 60 - 255 (seconds) Default: 0
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

CA Certificate

CA Certificate Information

Note:
As a default, CA Certificate is not installed. Click ***Setting*** *to create a certificate and specify the CA Certificate settings.*

Item	Description
Setting button	Displays the CA Certificate Settings page.

CA Certificate Settings (When a certificate is installed)

Item	Description
Remove a Certificate	Removes the certificate.
Next button	Click to display the selected page.
Cancel button	Click to cancel the entered data and return to the Network - Authentication - CA Certificate - CA Certificate Information page.

CA Certificate Settings (When a certificate is not installed)

Item	Description
Install a Certificate	Installs the certificate issued by the certificate authority.
Next button	Click to display the selected page.
Cancel button	Click to cancel the entered data and return to the Network - Authentication - CA Certificate - CA Certificate Information page.

Install a Certificate

Item	Description
Install a Certificate	Signed CSR (Certificate Signing Request) should be pasted to this text area.
Next button	Click to display the Network - Authentication - CA Certificate - Install a Certificate page.
Back button	Click to return to the Network - Authentication - CA Certificate - CA Certificate Settings page.
Cancel button	Click to cancel the entered data and return to the Network - Authentication - CA Certificate - CA Certificate Information page.

Remove a Certificate

Item	Description
OK button	Click to display a confirmation message. Click **OK** in the confirmation message to delete the certificate.

Item	Description
Back button	Click to return to the Network - Authentication - CA Certificate - CA Certificate Settings page.
Cancel button	Click to return to the Network - Authentication - CA Certificate - CA Certificate Information page.

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