

KM-4800w
Print Server
User's Manual

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1. Remote Web Manager

1.1.Remote Web Manager

Remote Web Manager is a utility to monitor the operation, managing, organization and configuration of Print Server. It is possible to operate all the functions related to Print Server.

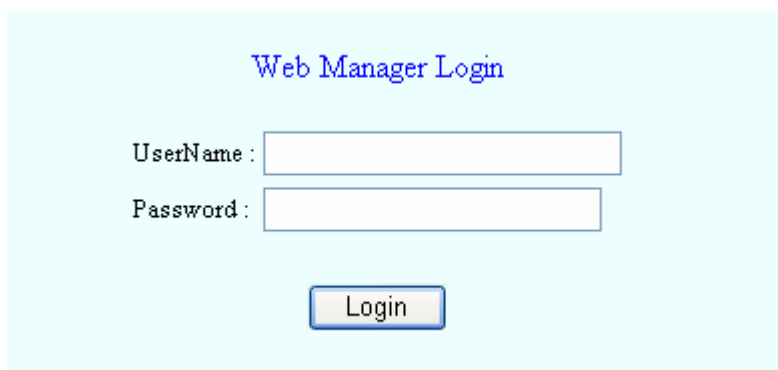
1.1.1. System Configuration

Following Hardware or System Configuration is necessary in order to use Remote Web Manager comfortably.

- (1) Hardware and System, which are conforming to the system requirement of Internet Explorer 6.0 SP1.
- (2) Install Java software.
Download and install Java software (Free Download).
It is available at SUN Microsystems web site. (<http://java.com/en/download/>)
Remote Web Manager screen is not indicated correctly if Java Software is not installed.
- (3) Resolution of Display should be 1024 x 768 dots or more.

1.1.2. Log-on to Remote Web Manager

Remote Web Manager allows browsing only for the registered user on Print Server. Therefore, when it is connected at the first time through browser of remote client, log-on dialog is always indicated to confirm the user.



The image shows a login dialog box titled "Web Manager Login" in blue text. It contains two input fields: "UserName :" followed by a text box, and "Password :" followed by a text box. Below these fields is a button labeled "Login". The entire dialog is set against a light blue background.

2. Client Preparation

2.1. Movement Confirmation

2.1.1. Connection to Remote Web Manager

Connect to Remote Web Manager using Web browser.

(Our configuration is shown below as an example. Address is just the example.)

(1) Start up [Internet Explorer].



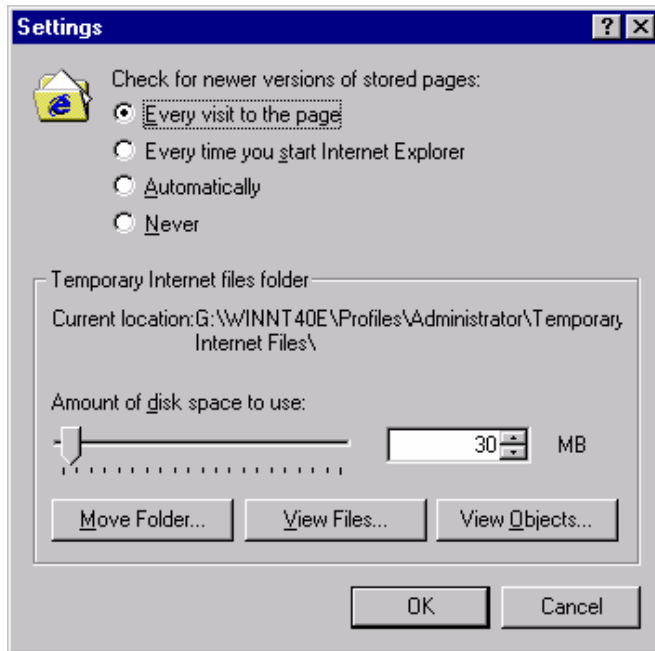
Make Internet temporary file setting to the browser.

Click [Tools] – [Internet Options].



Click [Settings] on “General” tab.

Select [Every visit to the page], and then click [OK].



Click [OK] on [Internet Option], and then close this.

Input [http://Server Name or Server IP Address] to the address.

(2) When User confirmation image is indicated at the first access from browser, put the following User Name and the Password of shipping.

Default State:

User Name administrator

Password (blank)

Click [Login].

The image shows a web page titled 'Web Manager Login'. The title is in blue text. Below the title, there are two input fields. The first is labeled 'UserName :' and the second is labeled 'Password :'. Below these fields is a button labeled 'Login'.

If it is connected properly, the following Page is indicated.

The screenshot displays the 'Remote Web Manager' interface. At the top, there are several tabs: 'Spooler' (selected), 'Device', 'WebClient', 'Filter', 'Option', 'Log', 'User', 'System', and 'Scan'. Below the tabs is a table with the following columns: 'Document :', 'Status', 'Owner', 'Printer', 'Request', 'Size', and 'Submit Time'. The table is divided into four sections: 'Printed' (blue header), 'Wait' (green header), 'Pause' (yellow header), and 'Error' (red header). Each section contains several empty rows. Below the table, there is a status bar with the text 'Device : Printer ready'. To the right of the status bar are two buttons: 'Cancel Sleep Mode' and 'Refresh'. At the bottom of the interface, there is a progress bar showing '0.2% Used' and the date and time 'Feb 19, 2006 3:14 PM'.

This page is the main (Home) page of Remote Web Manager. Register this page to [favorite] of Internet Explorer. Direct access to this main page becomes available.

If above shown operation is done without problem, preparation of Remote Web Manager is done.

For the further detail, refer to [Operation method of Remote Web Manager].

3. Operation of Remote Web Manager

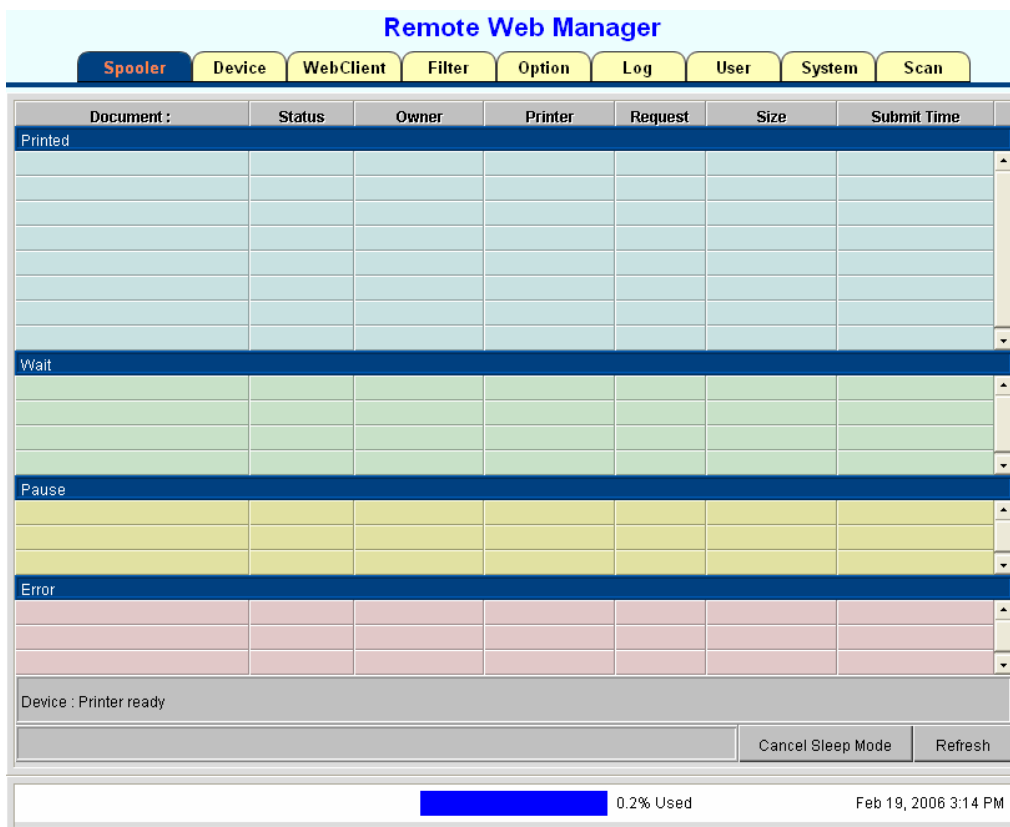
Remote Web Manager is a Utility in order to operate, manage, create configuration and observe background of Print Server. It is possible to operate anything that is related to Print Server.

To use Remote Web Manager, usable functions differ by logging on as the administrator or logging on as an added user.

The administrator can use all the functions of Remote Web Manager.

3.1.Function

3.1.1. Spooler



Observe the situation of Printing job and control it in this Main configuration.

The administrator can operate such as reprinting or erasing against the entire job.

In case of ordinal user, operation against own job is possible.

- **Printed queue**

This is the list what was printed.

If it is double clicked, detail information of this job is known.

- **Wait queue**

This is the job list that is waiting for print.

- **Pause queue**

This is the job list, which is temporary held to print.

- **Error queue**

This is the job list what error occurred. If it is double clicked, it is possible to know the detail of the error.

3.1.2. Device

When Device Button is clicked, the Status of the device is indicated.

Printer	KM-4800w			
	Paper Kind	Paper Set	Paper Size	Paper Remaining
Roll 1	Plain	Set	841mm	50%
Roll 2	Plain	Set	297mm	75%
Status	Printer ready			

It is possible to observe the status of Printer with this dialog.

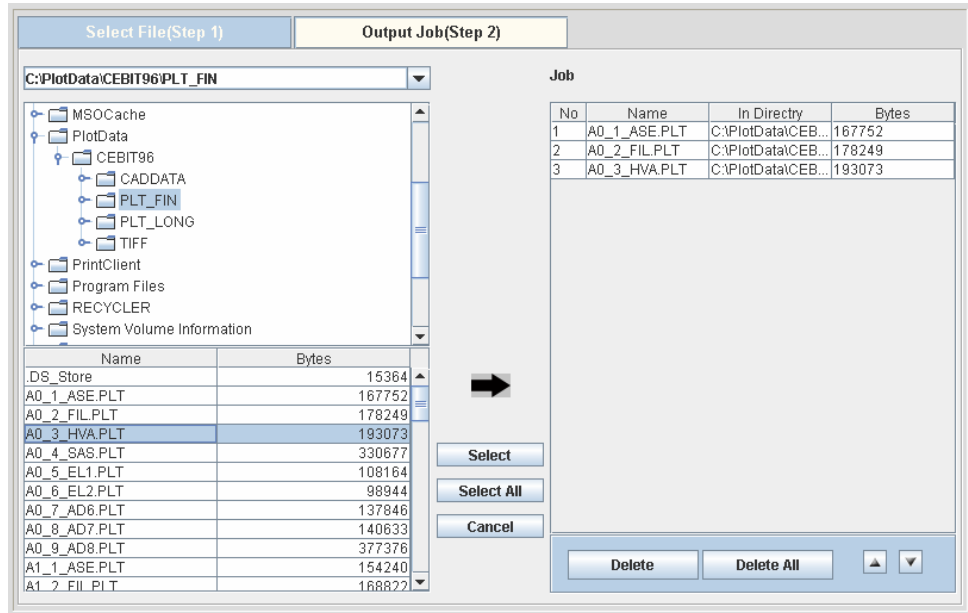
- Roll 1
 - Paper information in the front of paper deck is indicated.
- Roll 2
 - Paper information in the rear of paper deck is indicated.

3.1.3. Web Client

Web Client can output the print job that consists of multiple image files.

Follow the instruction below.

- 1) Click “Select File (Step 1)”. Click a plot file (files) on the left column and click “Select” button. A specified file (files) is added to Job list on the right column.



Supported file types are HPGL, Calcomp, TIFF, CALS, BMP and PDF (option).

- 2) Click “Output Job (Step 2)” tab. Refer to the next page for Job Setup Settings.



- 3) When “Print” button is clicked, output starts.

Setting Items

[General]

The screenshot shows a software dialog box titled "Setting Items" with a sub-tab "[General]". The dialog has four tabs: "General", "HPGL", "Calcomp", and "Original Size Compensation". The "General" tab is selected. The dialog is divided into several sections:

- Job Count:** A numeric input field set to "1".
- Collate:** A checked checkbox.
- Density:** A numeric input field set to "6".
- Header:** An unchecked checkbox.
- Setting:** A button.
- Output Queue:** A dropdown menu set to "Print".
- Print Setting:** A section containing:
 - Output Size:** A dropdown menu set to "Original".
 - Number Of Copies:** A numeric input field set to "1".
 - Media Type:** A dropdown menu set to "Plain".
 - Rotation:** A dropdown menu set to "Auto".
 - Tray Selection:** A dropdown menu set to "Auto".
 - Three checkboxes: Standard Cut, Mirror, and Negative Image.
- Scale:** A section containing:
 - An unchecked checkbox for "X,Y Separate".
 - Two percentage input fields: "X: 100.0 %" and "Y: 100.0 %".
 - An unchecked checkbox for "Enable Margin Setting".
 - Two margin input fields: "Leading Edge: 0 mm" and "Trailing Edge: 0 mm".
 - An "Image Placement" button.
- Default:** A button at the bottom left.

<Job Count>

Sets the job count

<Collate>

Check Collate ON
No check Collate OFF

<Density>

Set Image Density

When input value is smaller, it shows lighter image, and vice versa.

1 - 9

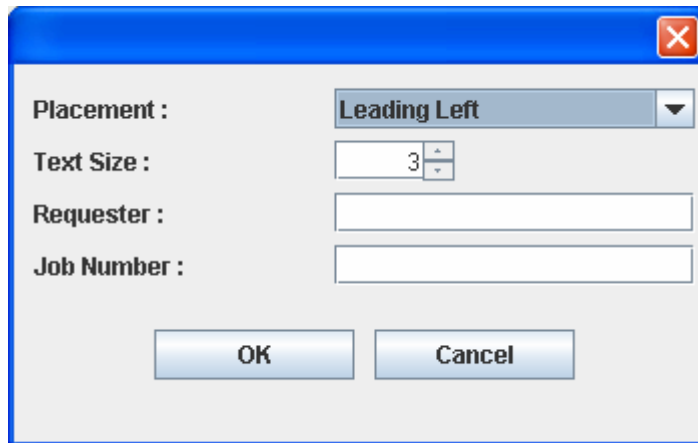
<Header>

When Header output is set to effective, following information is printed out at the leading or trailing edge of output.

Printed information:

Requester, Job Number, File Name, Date/Time

When button is clicked, following dialog is popped up.



<Output Queue>

Select print job is sent to "Print queue" or "Pause queue".

<Output Size>

Usually select original

Original

Scale

(The following size are indicated when "Metric" is selected on Paper Unit of Option Settings)

A0, A1, A2, A3, A4, 24x36, 36x48

(The following size are indicated when "Inch" is selected on Paper Unit of Option Settings)

ANSI-A, ANSI-B, ANSI-C, ANSI-D, ANSI-E, ARCH-A, ARCH-B, ARCH-C, ARCH-D, ARCH-E, 30 x 42

<Number of Copies>

Setting of number of print

1 – 999

<Media Type>

Select paper material

Plain

Vellum

Film

Any

<Rotation>

Select output direction

Auto

0

90

180

270

<Tray Selection>

Select paper deck

Auto

Deck 1

Deck 2

Bypass

<Cut Mode>

Select cut mode of paper

Check Standard Cut

No check Synchronized Cut

<Mirror>

Setting of mirror

<Negative Image>

A mirror image can be printed

<Scale>

Configures the magnification setting

When specified X-direction and Y-direction separately, check "X, Y Separate".

<Margin>

Add a preferable margin to the leading edge and the trailing edge of output print.

Leading Edge 0 to 500mm

Trailing Edge 0 to 500mm

<Image Shift>

Set if Image is required to shift from the center.

When "Set" button is clicked, the following dialog is popped up.

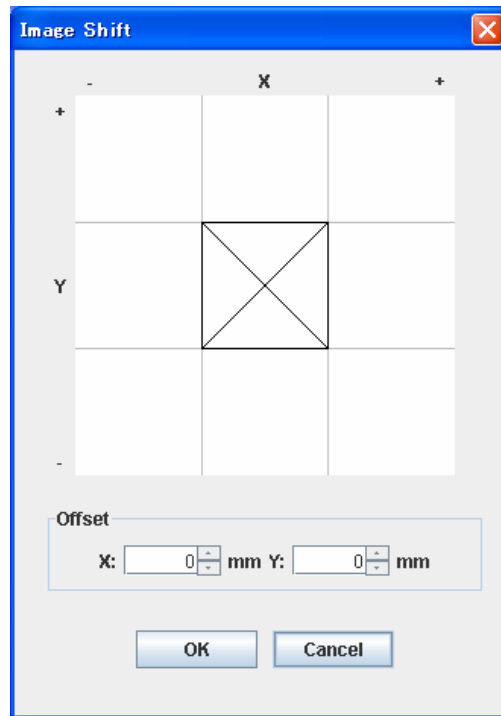


Image placement is selectable up-shown 9 locations.

When fine adjustment of the location is necessary, enter the value to move to Offset X and Y.

When X is set as a positive, it moves to right. (-500 to 500)

When X is set as a negative, it moves to left. (-500 to 500)

When Y is set as a positive, it moves to upper. (-500 to 500)

When Y is set as a negative, it moves to lower. (-500 to 500)

[HPGL]

Job Settings | **HPGL** | Calcomp | Original Size Compensation

Pen Width Mode : Values in file User defined values RTL Raster Density : 100

Grayscale Mode : Values in file User defined values Enable Clipping

Pen Management

Manage Pens READ SAVE

Pen No.	Pen Size	Grayscale
1	0.35mm	100%
2	0.35mm	100%
3	0.35mm	100%
4	0.35mm	100%
5	0.35mm	100%
6	0.35mm	100%
7	0.35mm	100%
8	0.35mm	100%
9	0.35mm	100%

Pen No. Pen Size Grayscale Set

 mm % Default

<Pen Width Mode>

<Grayscale Mode>

When “Values in file” is selected, the values of Pen Width and Grayscale specified in the file are effective, respectively.

When “User defined values” is selected, the values of Pen Width and Grayscale effect according to the following User setting, respectively.

- Pen Size

When “User defined values” is selected, a value of Pen Size specified by User is effective.

- Grayscale

When “User defined values” is selected, a value of Grayscale specified by User is effective.

<Pen Management>

- Read

Loads an acquired pen setting.

- Save

Saves the current pen setting.

<RTL Raster Density>

Adjust the density of HPGL RTL Image.

However, it is effective only if RTL image data are multi-valued image.

<Enable Clipping>

When this is checked, the value of HPGL PS command is taken as the size of image.

When this is not checked, image size is taken from minimum to maximum of image.

<Enable Pen Scale>

The pen width is also enlarged or reduced if output size is enlarged or reduced. If you do not check it, the pen width is same even if output size is enlarged or reduced.

<Cut and feed by SP/SP0>

Multi-files are outputted since SP/SP0 command is recognized as a boundary of multi-drawing if it is included in the file.

[Calcomp]

The screenshot shows the Calcomp software interface with the following elements:

- Tabs:** Job Settings, HPGL, **Calcomp**, Original Size Compensation
- Pen Width Mode:** Values in file, User defined values
- Grayscale Mode:** Values in file, User defined values
- Pen Management:** Manage Pens, READ, SAVE
- Table:**

Pen No.	Pen Size	Grayscale
1	0.35mm	100%
2	0.35mm	100%
3	0.35mm	100%
4	0.35mm	100%
5	0.35mm	100%
6	0.35mm	100%
7	0.35mm	100%
8	0.35mm	100%
9	0.35mm	100%
- Pen Management Input:** Pen No. [], Pen Size [] mm, Grayscale [] %
- Buttons:** Set, Default
- Synchronization Setting:**
 - Auto Detection
 - Double Sync
 - Checksum
 - Sync-Char: [22]
 - End-Char: [13]
- Step:** [800] steps/cm

<Pen Width Mode>

<Grayscale Mode>

When “Values in file” is selected, the values of Pen Width and Grayscale specified in the file are effective, respectively.

When “User defined values” is selected, the values of Pen Width and Grayscale effect according to the following User setting, respectively.

- Pen Size

When “User defined values” is selected, a value of Pen Size specified by User is effective.

- Grayscale

When “User defined values” is selected, a value of Grayscale specified by User is effective.

<Pen Management>

- Read

Loads an acquired pen setting.

- Save

Saves the current pen setting.

<Synchronization Setting>

A preferable Synchronization can be specified by either Automatic Setting or Manual Setting.

Check “Auto Detection” in normal use. You can manually configure “Double Sync”, “Checksum”, “Sync-Cha” and “End-Char”.

<Step Setting>

The output size of image can be changed by setting of a step number. Usually, set to 800 for Step Setting.

[Original Size Compensation]

General HPGL Calcomp Original Size Compensation

Enable Original Size Compensation

Plain
Length % Width %

Vellum
Length % Width %

Film
Length % Width %

It is possible to specify the magnification of x-direction and y-direction independently for each media.

The print size can be compensated caused by media expansion and contraction by this.

When “Enable Original Size Compensation” is checked, the magnification compensation is effective for each media (Plain/Vellum/Film).

It is possible for each media to compensate the magnification of x-direction (Width) and y-direction (Length) independently.

The compensation ranges are guaranteed between 90% and 110%. (0.01% step)

3.1.4. Filter

3.1.4.1 FTP

- **Output method**

The method to use ftp, and output.

Ex.

```
ftp "IP Address"
```

```
(Logon to ftp User Name: auto, Password: print)
```

```
bin
```

```
cd ftp01
```

```
put "File name"
```

Supported file types are HPGL, Calcomp, TIFF, CALS, BMP and PDF (option).

- **Setting Items**

[General]

The screenshot shows a software window titled "FTP Filter" with a tabbed interface. The "General" tab is selected. On the left, a list of filter items (FTP1 to FTP16) is visible, with FTP1 highlighted. The main area contains "Print Setting" options: Output Size (Original), Number Of Copies (1), Media Type (Plain), Rotation (Auto), and Tray Selection (Auto). There are checkboxes for Standard Cut (checked), Mirror, and Negative Image. A "Scale" section includes an "X,Y Separate" checkbox, X and Y scale percentages (both 100.0%), and "Enable Margin Setting" (unchecked). Below this are "Leading Edge" and "Trailing Edge" settings (both 0 mm) and a "Density" setting (6). An "Image Placement" button is located below the density setting. At the bottom of the window are "Show Value", "Cancel", and "Enter" buttons. The "Spool Directory" is set to "ftp01".

<Output Size>

Usually select original

Original

Scale

(The following size are indicated when "Metric" is selected on Paper Unit of Option Settings)

A0, A1, A2, A3, A4, 24x36, 36x48

(The following size are indicated when "Inch" is selected on Paper Unit of Option Settings)

ANSI-A, ANSI-B, ANSI-C, ANSI-D, ANSI-E, ARCH-A, ARCH-B, ARCH-C, ARCH-D, ARCH-E, 30 x 42

<Number of Copies>

Setting of number of print

1 – 999

<Media Type>

Select paper material

Plain

Vellum

Film

Any

<Rotation>

Select output direction

Auto

0

90

180

270

<Tray Selection>

Select paper deck

Auto

Deck 1

Deck 2

Bypass

<Scale>

Configures the magnification setting

When specified X-direction and Y-direction separately, check "X, Y Separate".

<Cut Mode>

Select cut mode of paper

- | | |
|----------|------------------|
| Check | Standard Cut |
| No check | Synchronized Cut |

<Mirror>

Setting of mirror

<Negative Image>

A mirror image can be printed

<Margin>

Add a preferable margin to the leading edge and the trailing edge of output print.

- | | |
|---------------|------------|
| Leading Edge | 0 to 500mm |
| Trailing Edge | 0 to 500mm |

<Density>

Set Image Density

When input value is smaller, it shows lighter image, and vice versa.

1 - 9

<Image Shift>

Set if Image is required to shift from the center.

When "Set" button is clicked, the following dialog is popped up.

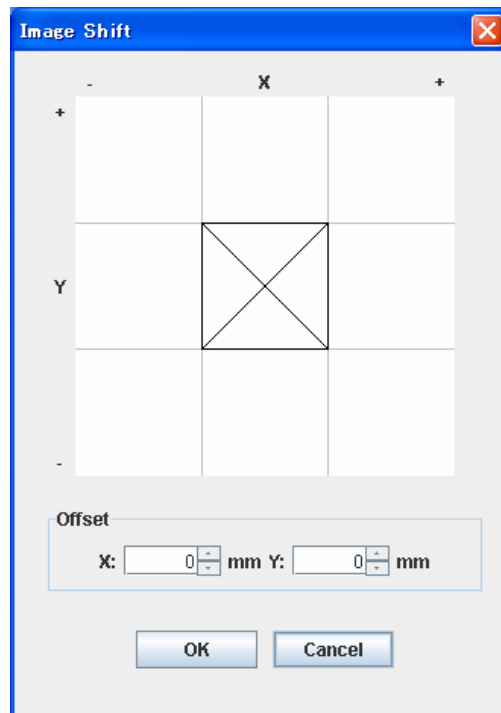


Image placement is selectable up-shown 9 locations.

When fine adjustment of the location is necessary, enter the value to move to
Offset X and Y.

When X is set as a positive, it moves to right. (-500 to 500)

When X is set as a negative, it moves to left. (-500 to 500)

When Y is set as a positive, it moves to upper. (-500 to 500)

When Y is set as a negative, it moves to lower. (-500 to 500)

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[HP-GL]

Pen No.	Pen Size	Grayscale
1	0.35mm	100%
2	0.35mm	100%
3	0.35mm	100%
4	0.35mm	100%
5	0.35mm	100%
6	0.35mm	100%
7	0.35mm	100%
8	0.35mm	100%
9	0.35mm	100%

<Pen Width Mode>

<Grayscale Mode>

When “Values in file” is selected, the values of Pen Width and Grayscale specified in the file are effective, respectively.

When “User defined values” is selected, the values of Pen Width and Grayscale effect according to the following User setting, respectively.

- Pen Size

When “User defined values” is selected, a value of Pen Size specified by User is effective.

- Grayscale

When “User defined values” is selected, a value of Grayscale specified by User is effective.

<Pen Management>

- Read

Loads an acquired pen setting.

- Save

Saves the current pen setting.

<RTL Raster Density>

Adjust the density of HPGL RTL Image.

However, it is effective only if RTL image data are multi-valued image.

<Enable Clipping>

When this is checked, the value of HPGL PS command is taken as the size of image.

When this is not checked, image size is taken from minimum to maximum of image.

<Enable Pen Scale>

If you check "Pen Scale", the pen width is also enlarged or reduced if output size is enlarged or reduced.

If you do not check it, the pen width is same even if output size is enlarged or reduced.

<Cut and feed by SP/SP0>

When this is checked, multi-files are outputted since SP/SP0 command is recognized as a boundary of multi-drawing if it is included in the file.

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[Calcomp]

The screenshot shows the Calcomp software interface with the following sections:

- Pen Width Mode:** Values in file, User defined values
- Grayscale Mode:** Values in file, User defined values
- Pen Management:** Includes buttons for "Manage Pens", "READ", and "SAVE". Below is a table with 9 rows and 3 columns: Pen No., Pen Size, and Grayscale.
- Synchronization Setting:** Includes checkboxes for "Auto Detection", "Double Sync", and "Checksum". Below are input fields for "Sync-Char" (value: 22) and "End-Char" (value: 13).
- Step:** Input field with value 800 and unit "steps/cm".
- Bottom Section:** Input fields for "Pen No.", "Pen Size" (with "mm" unit), and "Grayscale" (with "%" unit), followed by "Set" and "Default" buttons.

Pen No.	Pen Size	Grayscale
1	0.35mm	100%
2	0.35mm	100%
3	0.35mm	100%
4	0.35mm	100%
5	0.35mm	100%
6	0.35mm	100%
7	0.35mm	100%
8	0.35mm	100%
9	0.35mm	100%

<Pen Width Mode>

<Grayscale Mode>

When "Values in file" is selected, the values of Pen Width and Grayscale specified in the file are effective, respectively.

When "User defined values" is selected, the values of Pen Width and Grayscale effect according to the following User setting, respectively.

- Pen Size

When "User defined values" is selected, a value of Pen Size specified by User is effective.

- Grayscale

When "User defined values" is selected, a value of Grayscale specified by User is effective.

<Pen Management>

- Read

Loads an acquired pen setting.

- Save

Saves the current pen setting.

<Synchronization Setting>

A preferable Synchronization can be specified by either Automatic Setting or Manual Setting.

Check "Auto Detection" in normal use. You can manually configure "Double Sync", "Checksum", "Sync-Cha" and "End-Char".

<Step Setting>

The output size of image can be changed by setting of a step number. Usually, set to 800 for Step Setting.

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[Original Size Compensation]

General HPGL Calcomp Original Size Compensation

Enable Original Size Compensation

Plain

Length % Width %

Vellum

Length % Width %

Film

Length % Width %

It is possible to specify the magnification of x-direction and y-direction independently for each media.

The print size can be compensated caused by media expansion and contraction by this.

When “Enable Original Size Compensation” is checked, the magnification compensation is effective for each media (Plain/Vellum/Film).

It is possible for each media to compensate the magnification of x-direction (Width) and y-direction (Length) independently.

The compensation ranges are guaranteed between 90% and 110%. (0.01% step)

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

3.1.4.2 LPR

- **Setting of Lpr**

Standard setting

Individual setting is possible to save for every 16 setting value entry.

Set all of the following directories, push [Enter] button and package register all the setting of directories.

Use following Printer name corresponding to each setting value entry.

Entry	Printer name
1	lpr01
2	lpr02
3	lpr03
4	lpr04
5	lpr05
6	lpr06
7	lpr07
8	lpr08
9	lpr09
10	lpr10
11	lpr11
12	lpr12
13	lpr13
14	lpr14
15	lpr15
16	lpr16

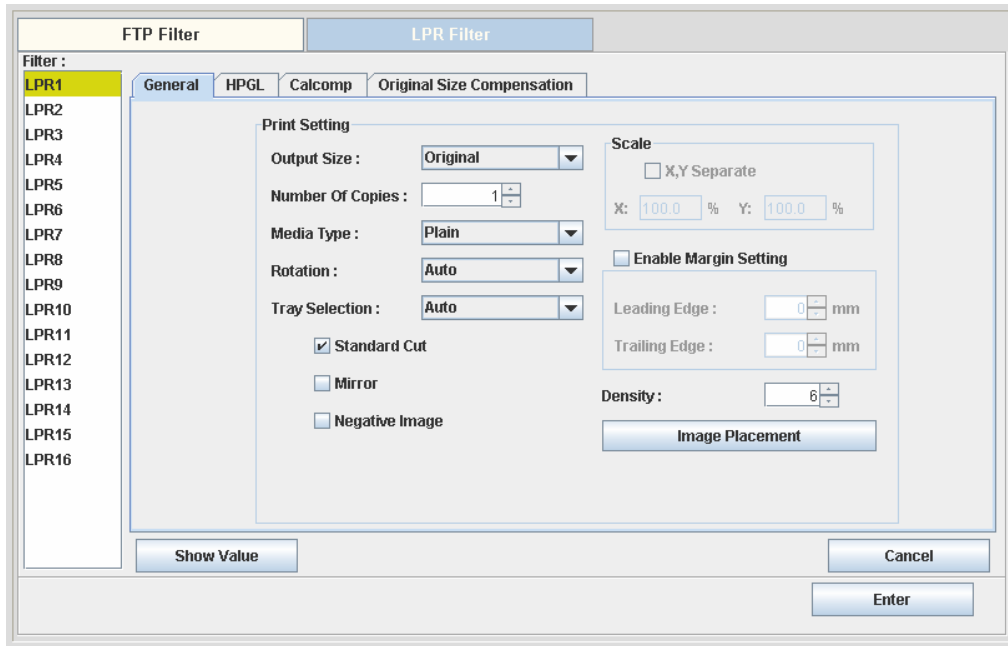
Example:

If you wish to output Entry 1 from Windows OS:

```
[ lpr -S 192.168.100.10 -P lpr01 -o | "output file name" ]
```

Supported file types are HPGL, Calcomp, TIFF, CALS, BMP and PDF (option).

- **Setting Items**
[General]



<Output Size>

Usually select original

Original

Scale

(The following size are indicated when “Metric” is selected on Paper Unit of Option Settings)

A0, A1, A2, A3, A4, 24x36, 36x48

(The following size are indicated when “Inch” is selected on Paper Unit of Option Settings)

ANSI-A, ANSI-B, ANSI-C, ANSI-D, ANSI-E, ARCH-A, ARCH-B, ARCH-C, ARCH-D, ARCH-E, 30 x 42

<Number of Copies>

Setting of number of print

1 – 999

<Media Type>

Select paper material

Plain

Vellum

Film

Any

<Rotation>

Select output direction

Auto

0

90

180

270

<Tray Selection>

Select paper deck

Auto

Deck 1

Deck 2

Bypass

<Cut Mode>

Select cut mode of paper

Check Standard Cut

No check Synchronized Cut

<Mirror>

Setting of mirror

<Negative Image>

A mirror image can be printed

<Scale>

Configures the magnification setting

When specified X-direction and Y-direction separately, check "X, Y Separate".

<Margin>

Add a preferable margin to the leading edge and the trailing edge of output print.

Leading Edge 0 to 500mm

Trailing Edge 0 to 500mm

<Density>

Set Image Density

When input value is smaller, it shows lighter image, and vice versa.

1 - 9

<Image Shift>

Set if Image is required to shift from the center.

When "Set" button is clicked, the following dialog is popped up.

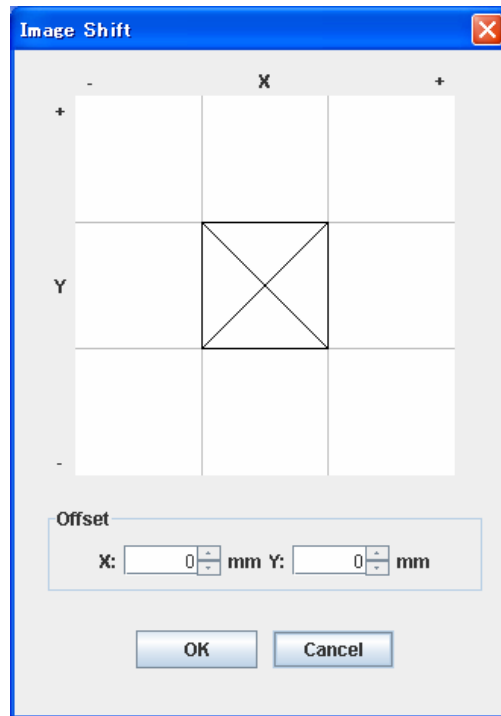


Image placement is selectable up-shown 9 locations.

When fine adjustment of the location is necessary, enter the value to move to Offset X and Y.

When X is set as a positive, it moves to right. (-500 to 500)

When X is set as a negative, it moves to left. (-500 to 500)

When Y is set as a positive, it moves to upper. (-500 to 500)

When Y is set as a negative, it moves to lower. (-500 to 500)

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[HP-GL]

Pen No.	Pen Size	Grayscale
1	0.35mm	100%
2	0.35mm	100%
3	0.35mm	100%
4	0.35mm	100%
5	0.35mm	100%
6	0.35mm	100%
7	0.35mm	100%
8	0.35mm	100%
9	0.35mm	100%

<Pen Width Mode>

<Grayscale Mode>

When “Values in file” is selected, the values of Pen Width and Grayscale specified in the file are effective, respectively.

When “User defined values” is selected, the values of Pen Width and Grayscale effect according to the following User setting, respectively.

- Pen Size

When “User defined values” is selected, a value of Pen Size specified by User is effective.

- Grayscale

When “User defined values” is selected, a value of Grayscale specified by User is effective.

<Pen Management>

- Read

Loads an acquired pen setting.

- Save

Saves the current pen setting.

<RTL Raster Density>

Adjust the density of HPGL RTL Image.

However, it is effective only if RTL image data are multi-valued image.

<Enable Clipping>

When this is checked, the value of HPGL PS command is taken as the size of image.

When this is not checked, image size is taken from minimum to maximum of image.

<Enable Pen Scale>

If you check "Pen Scale", the pen width is also enlarged or reduced if output size is enlarged or reduced.

If you do not check it, the pen width is same even if output size is enlarged or reduced.

<Cut and feed by SP/SP0>

When this is checked, multi-files are outputted since SP/SP0 command is recognized as a boundary of multi-drawing if it is included in the file.

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[Calcomp]

The screenshot shows the Calcomp software interface with the following settings:

- Pen Width Mode:** Values in file, User defined values
- Grayscale Mode:** Values in file, User defined values
- Pen Management:** Manage Pens, READ, SAVE
- Table:**

Pen No.	Pen Size	Grayscale
1	0.35mm	100%
2	0.35mm	100%
3	0.35mm	100%
4	0.35mm	100%
5	0.35mm	100%
6	0.35mm	100%
7	0.35mm	100%
8	0.35mm	100%
9	0.35mm	100%

Below the table are input fields for Pen No., Pen Size (mm), and Grayscale (%), with Set and Default buttons.

Synchronization Setting:

- Auto Detection
- Double Sync
- Checksum
- Sync-Char: 22
- End-Char: 13
- Step: 800 steps/cm

<Pen Width Mode>

<Grayscale Mode>

When “Values in file” is selected, the values of Pen Width and Grayscale specified in the file are effective, respectively.

When “User defined values” is selected, the values of Pen Width and Grayscale effect according to the following User setting, respectively.

- Pen Size

When “User defined values” is selected, a value of Pen Size specified by User is effective.

- Grayscale

When “User defined values” is selected, a value of Grayscale specified by User is effective.

<Pen Management>

- Read

Loads an acquired pen setting.

- Save

Saves the current pen setting.

<Synchronization Setting>

A preferable Synchronization can be specified by either Automatic Setting or Manual Setting.

Check “Auto Detection” in normal use. You can manually configure “Double Sync”, “Checksum”, “Sync-Cha” and “End-Char”.

<Step Setting>

The output size of image can be changed by setting of a step number. Usually, set to 800 for Step Setting.

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[Original Size Compensation]

General HPGL Calcomp Original Size Compensation

Enable Original Size Compensation

Plain
Length % Width %

Vellum
Length % Width %

Film
Length % Width %

It is possible to specify the magnification of x-direction and y-direction independently for each media.

The print size can be compensated caused by media expansion and contraction by this.

When “Enable Original Size Compensation” is checked, the magnification compensation is effective for each media (Plain/Vellum/Film).

It is possible for each media to compensate the magnification of x-direction (Width) and y-direction (Length) independently.

The compensation ranges are guaranteed between 90% and 110%. (0.01% step)

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

3.1.5. Option

Option function of device is available by clicking Option Setting Button.

Only the administrator can change this setting.

[General]

The screenshot shows the 'Option Setting' dialog box with the 'General' tab selected. The 'Printer' dropdown is set to 'KM-4800w'. 'Paper Unit' is set to 'Metric'. 'Output Mode' is set to 'Mode2'. 'Tolerance' is set to '5 mm'. 'Screening' is set to 'Frequency: 66 lpi' and 'Angle: 45 °'. 'Resolution Conversion' is unchecked. In the 'Print Setting' section, 'Number Of Copies' is '1', 'Rotation' is 'Auto', and 'Tray Selection' is 'Auto'. 'Standard Cut' is checked, while 'Mirror' and 'Negative Image' are unchecked. 'Enable Margin Setting' is unchecked, with 'Leading Edge' and 'Trailing Edge' both set to '0 mm'. 'Density' is set to '6'. An 'Image Placement' button is visible. At the bottom, there are 'Show Value', 'Cancel', and 'Enter' buttons.

<Printer>

Setting of printer model to use

<Paper Unit>

Setting of Metric(ISO) / Inch(ANSI) of paper size

<Output Mode>

Setting of Output Mode

Mode1: Case of output by printer driver

Print an image to the paper which is same in size.

image size = paper size

Case of output by Filter (FTP and LPR), Web Client,
Print Client KM

Print an image to the paper which is same or large.

1. image size = paper size

2. image size < paper size

(2. is not available for standard size output)

Mode2: Print an image to the paper which is same or large enough.

The Paper Priority in Selection:

1. image size = paper size
2. image size < paper size

Mode3: Print an image, if any paper exists.

The Paper Priority in Selection:

1. image size = paper size
2. image size < paper size
3. image size > paper size

<Tolerance>

Even if output file size is larger than regular paper size, it is possible to output on its regular size, up to the value of tolerance. When paper size is selected, even if output file size is little bit larger than regular paper size, it is possible to output on the paper or regular size by changing the value of tolerance due to the allowance value is expanded”

<Screening>

Change print pattern of gray area. Adjust the gray area, which is described in grid, by changing the number of lines and the angle. It is possible to change the pattern of gray by changing the number of lines per inch (lpi) and the angle of line”

<Resolution Conversion>

Non 600dpi image can be printed with high quality.

However it takes longer time than usual until printing is finished.

<Number of Copies>

Setting of number of print

1 – 999

<Rotation>

Select output direction

Auto

0

90

180

270

<Tray Selection>

Select paper deck

Auto

Deck 1

Deck 2

Bypass

<Cut Mode>

Select cut mode of paper

- | | |
|----------|------------------|
| Check | Standard Cut |
| No check | Synchronized Cut |

<Mirror>

Setting of mirror

<Negative Image>

A mirror image can be printed

<Density>

Set Image Density

When input value is smaller, it shows lighter image, and vice versa.

1 - 9

<Image Shift>

Set if Image is required to shift from the center.

When "Set" button is clicked, the following dialog is popped up.

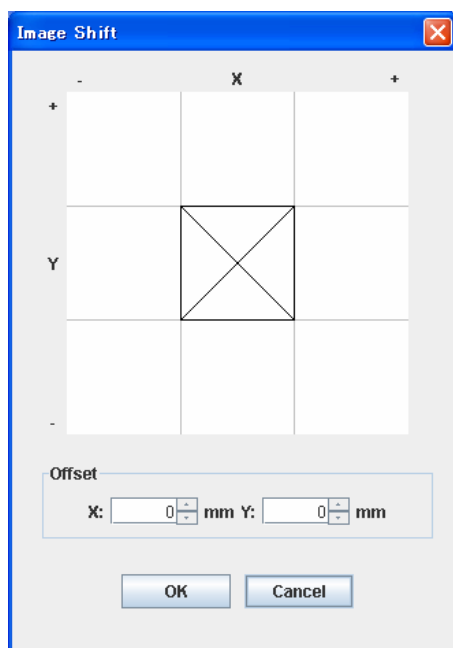


Image placement is selectable up-shown 9 location.

When fine adjustment of the location is necessary, put the value to move to Offset X and Y.

When X is set as a positive, it moves to right. (-500 to 500)

When X is set as a negative, it moves to left. (-500 to 500)

When Y is set as a positive, it moves to upper. (-500 to 500)

When Y is set as a negative, it moves to lower. (-500 to 500)

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[HPGL]

Output setting of HPGL file is done.

When “HP-GL” tab is clicked, following dialog is popped up.

The screenshot shows a dialog box with four tabs: General, HPGL, Calcomp, and Original Size Compensation. The HPGL tab is active. The dialog contains the following elements:

- Pen Width Mode:** Radio buttons for "Values in file" (selected) and "User defined values".
- Grayscale Mode:** Radio buttons for "Values in file" (selected) and "User defined values".
- Pen Management:** A section with "Manage Pens", "READ", and "SAVE" buttons. Below it is a table with 9 rows and 3 columns: Pen No., Pen Size, and Grayscale.
- RTL Raster Density:** A numeric input field set to 100.
- Enable Clipping:** A checked checkbox.
- Enable Pen Scale:** An unchecked checkbox.
- Cut and feed by SP/SP0:** An unchecked checkbox.
- Enable LA Setting:** An unchecked checkbox.
- Enable MC Setting:** An unchecked checkbox.
- Enable RP Setting:** An unchecked checkbox.
- Half-tone Screening (Transparent):** A dropdown menu set to "Not Use".
- Input fields:** At the bottom left, there are input fields for Pen No., Pen Size (with a unit of mm), and Grayscale (with a unit of %). Below these are "Set" and "Default" buttons.
- Buttons:** "Show Value", "Cancel", and "Enter" buttons are located at the bottom of the dialog.

Pen No.	Pen Size	Grayscale
1	0.25mm	100%
2	0.25mm	100%
3	0.25mm	100%
4	0.25mm	100%
5	0.25mm	100%
6	0.25mm	100%
7	0.25mm	100%
8	0.25mm	100%
9	0.25mm	100%

Setting items

<Pen Width Mode>

<Grayscale Mode>

When “Values in file” is selected, the values of Pen Width and Grayscale specified in the file are effective, respectively.

When “User defined values” is selected, the values of Pen Width and Grayscale effect according to the following User setting, respectively.

- Pen Size

When “User defined values” is selected, a value of Pen Size specified by User is effective.

- Grayscale

When “User defined values” is selected, a value of Grayscale specified by User is effective.

<Pen Management>

- Read

Loads an acquired pen setting.

- Save

Saves the current pen setting.

<RTL Raster Density>

Adjust the density of HPGL RTL Image.

However, it is effective only if RTL image data are multi-valued image.

<Enable Clipping>

When this is checked, the value of HPGL PS command is taken as the size of image.

When this is not checked, image size is taken from minimum to maximum of image.

<Enable Pen Scale>

If you check "Pen Scale", the pen width is also enlarged or reduced if output size is enlarged or reduced.

If you do not check it, the pen width is same even if output size is enlarged or reduced.

<Cut and feed by SP/SP0>

When this is checked, multi-files are outputted since SP/SP0 command is recognized as a boundary of multi-drawing if it is included in the file.

<Enable LA Setting>

If you check "Enable LA Setting", line processing is fixed as below.

Line Ends: Round

Line Joins: Rounded Join

<Enable MC Setting>

If you check "Enable MC Setting", MC1 is validated.

<Enable RP Setting>

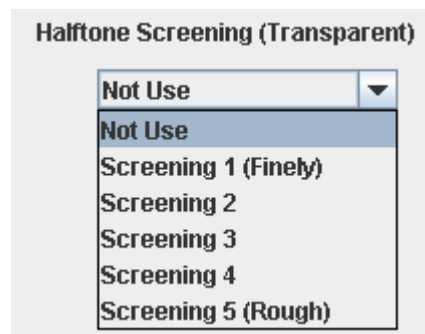
This is not available.

<Halftone Screening>

This function is validated with "Enable MC Setting" on.

Can be specified among Screening 1 (fine) to Screening 5 (coarse).

Note: Select "Not Use" when you are satisfied with existing image.



Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[Calcomp]

General HPGL **Calcomp** Original Size Compensation

Pen Width Mode : Values in file User defined values

Grayscale Mode : Values in file User defined values

Pen Management

Manage Pens READ SAVE

Pen No.	Pen Size	Grayscale
1	0.25mm	100%
2	0.25mm	100%
3	0.25mm	100%
4	0.25mm	100%
5	0.25mm	100%
6	0.25mm	100%
7	0.25mm	100%
8	0.25mm	100%
9	0.25mm	100%

Pen No. Pen Size Grayscale Set

mm %

Synchronization Setting

Auto Detection

Double Sync

Checksum

Sync-Char

End-Char

Step : steps/cm

Show Value Cancel Enter

Setting items

<Pen Width Mode>

<Grayscale Mode>

When “Values in file” is selected, the values of Pen Width and Grayscale specified in the file are effective, respectively.

When “User defined values” is selected, the values of Pen Width and Grayscale effect according to the following User setting, respectively.

- Pen Size

When “User defined values” is selected, a value of Pen Size specified by User is effective.

- Grayscale

When “User defined values” is selected, a value of Grayscale specified by User is effective.

<Pen Management>

- Read

Loads an acquired pen setting.

- Save

Saves the current pen setting.

<Synchronization Setting>

A preferable Synchronization can be specified by either Automatic Setting or Manual Setting.

Check “Auto Detection” in normal use. You can manually configure “Double Sync”, “Checksum”, “Sync-Cha” and “End-Char”.

<Step Setting>

The output size of image can be specified by setting of a step number.

Usually, set to 800 for Step Setting.

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

[Original Size Compensation]

It is possible to specify the magnification of x-direction and y-direction independently for each media.

The print size can be compensated caused by media expansion and contraction by this.

General HPGL Calcomp Original Size Compensation

Enable Original Size Compensation

Plain

Length % Width %

Vellum

Length % Width %

Film

Length % Width %

Setting items

It is possible to specify the magnification of x-direction and y-direction independently for each media.

The print size can be compensated caused by media expansion and contraction by this.

When “Enable Original Size Compensation” is checked, the magnification compensation is effective for each media (Plain/Vellum/Film).

It is possible for each media to compensate the magnification of x-direction (Width) and y-direction (Length) independently.

The compensation ranges are guaranteed between 90% and 110%. (0.01% step)

Note: If some of the above items are modified, click [Enter] button, and register the configuration.

3.1.6. Log

Check the account log or the system log.

- **Setting Items**
[Account Log]

The screenshot shows a software interface for managing logs. At the top, there are four tabs: 'Account Log', 'Copy Log', 'Scan Log', and 'System Log'. The 'Account Log' tab is selected. Below the tabs, there are two main sections: 'Acquire' and 'Delete'.
In the 'Acquire' section:
- 'Target' is set to 'All'.
- 'Specific Date' is selected, with 'Date From' and 'Date To' both set to 2008/6/28.
- 'Data Kind' is set to 'Summary'.
- 'Acquiring Method' is set to 'Display'.
- An 'Execute' button is located at the bottom right of this section.
In the 'Delete' section:
- 'Summary' is set to 'All'.
- 'Delete before Specified Day' is also selected, with date pickers for Year (2008), Month (6), and Day (28).
- A 'Delete' button is located at the bottom right of this section.

In this Account log setting, term of Account information that is registered on Account log is indicated, and the volume. Delete the contents of Account log also.

[Copy Log]

The screenshot shows a software interface with four tabs: 'Account Log', 'Copy Log', 'Scan Log', and 'System Log'. The 'Copy Log' tab is active. It contains two main sections: 'Acquire' and 'Delete'.

Acquire Section:

- Target:** Radio buttons for 'All' (selected) and 'Specific Date'.
- Date From:** Year: 2008, Month: 6, Day: 28.
- Date To:** Year: 2008, Month: 6, Day: 28.
- Acquiring Method:** Radio buttons for 'Display' (selected) and 'Download'.
- Execute:** A button to execute the operation.

Delete Section:

- Summary:** Radio buttons for 'All' (selected) and 'Delete before Specified Day'.
- Date:** Year: 2008, Month: 6, Day: 28.
- Delete:** A button to delete the log.

In Copy Log setting, a determined term for Copy Log to be saved is indicated. The Copy Log can be deleted also.

The below are an example of Account Table for Copy Log.

Account Table

Period : not specified. (All logs)

Account ID	Media	Total (square mm)	Roll 841 mm	Roll 297 mm
5555	Plain	999949	1189	0
	Total Use	999949	1189	0
0001	Plain	1623402	1782	420
	Total Use	1623402	1782	420
9999	Plain	999108	1188	0
	Total Use	999108	1188	0

"ID No. 9999" represents an ID having made copies with Job Account disabled.

[Scan Log]

In Scan Log setting, a determined term for Scan Log to be saved is indicated. The Scan Log can be deleted also.

The below are an example of Account Table for Scan Log.

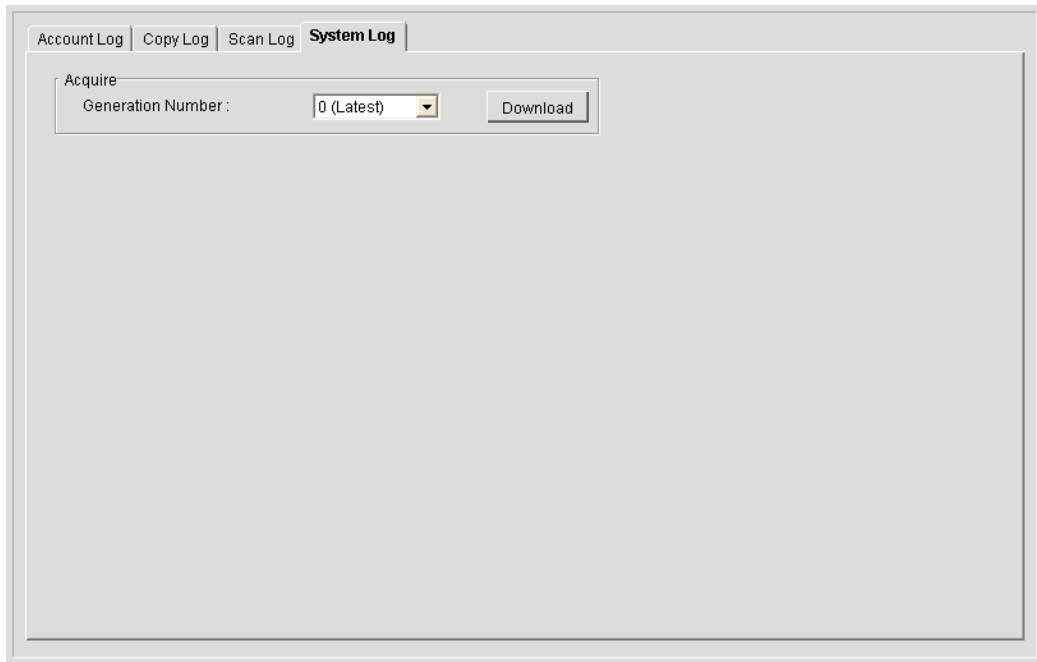
Account Table

Period : not specified. (All logs)

Account ID	Total (square mm)	Original Width 841 mm	Original Width 594 mm	Original Width 297 mm	Total Scan Count
5555	995644	592	838	0	2
0001	1618009	1777	0	416	5
9999	1119096	0	1676	416	4

“ID No. 9999” represents an ID having made scans with Job Account disabled.

[System Log]



The screenshot shows a web interface with a tabbed menu at the top containing 'Account Log', 'Copy Log', 'Scan Log', and 'System Log'. The 'System Log' tab is active. Below the tabs, there is an 'Acquire' section with a label 'Generation Number :', a dropdown menu currently showing '0 (Latest)', and a 'Download' button.

Select any of the latest 8 kinds of system log on “Generation Number”.

Click Download to down load the selected system log.

3.1.7. User

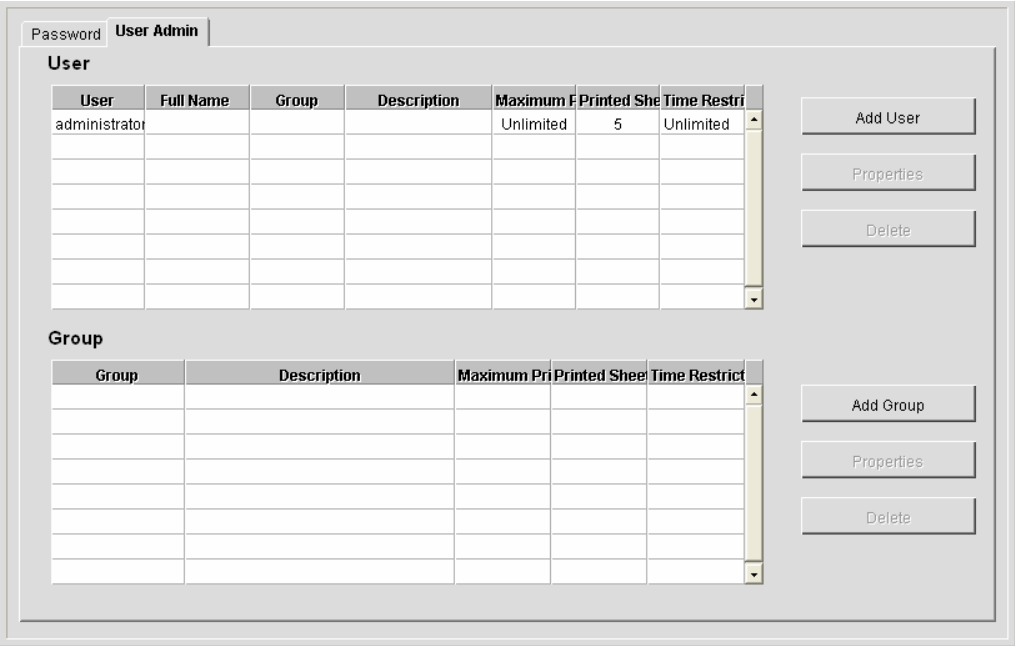
- Setting Items

[Password]

The screenshot shows a web interface with two tabs: 'Password' (selected) and 'User Admin'. Under the 'Password' tab, there are three input fields: 'User Name' containing 'administrator', 'Password', and 'Confirm Password'. An 'Enter' button is located at the bottom center of the form area.

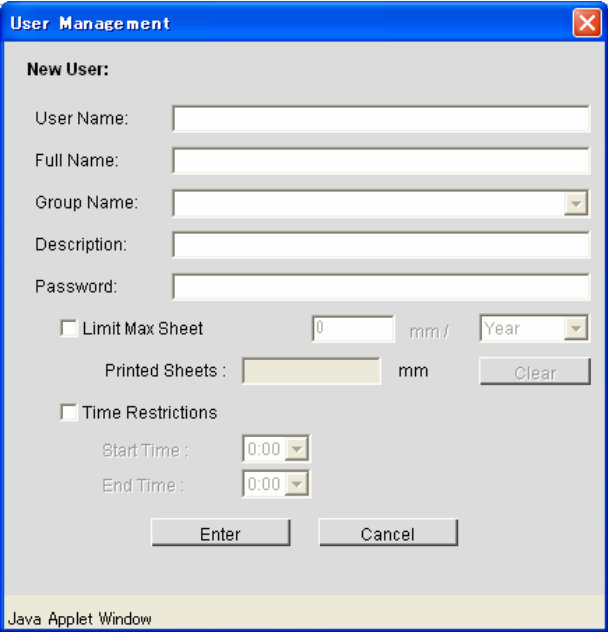
Password can be changed on [Password].

[User Admin]



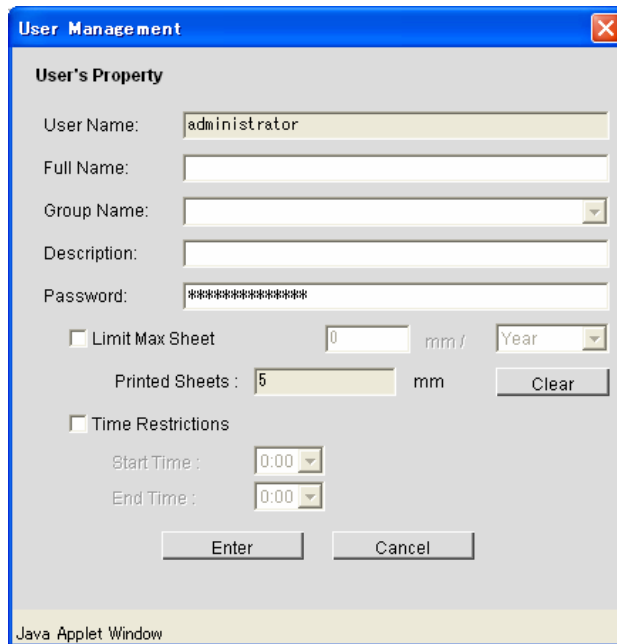
<Add User>

Create a new user account. Click on "Add User" to display this dialog box. User Name can contain up to 20 uppercase or lowercase characters except for the following:
 \ / [] : ; | = , + * ? < > A user name cannot consist solely of periods (.) and spaces. (50 user maximum)



<Properties>

Display the properties of a selected user account.



The 'User Management' dialog box displays the 'User's Property' section. The 'User Name' field is filled with 'administrator'. Other fields for 'Full Name', 'Group Name', 'Description', and 'Password' are empty. There are checkboxes for 'Limit Max Sheet' and 'Time Restrictions'. The 'Limit Max Sheet' section includes a numeric input field with '0', a unit dropdown set to 'mm /', and a 'Year' dropdown. Below it, 'Printed Sheets' is set to '5' with a 'Clear' button. The 'Time Restrictions' section has 'Start Time' and 'End Time' dropdowns both set to '0:00'. 'Enter' and 'Cancel' buttons are at the bottom.

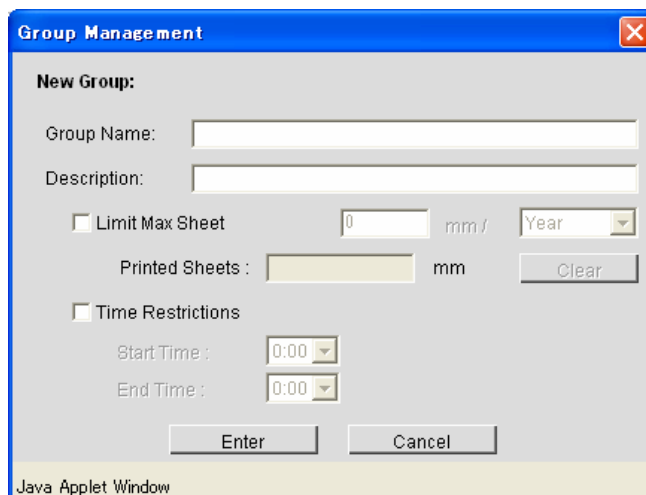
<Delete>

Delete the selected user account.

* administrator cannot be deleted.

<Add Group>

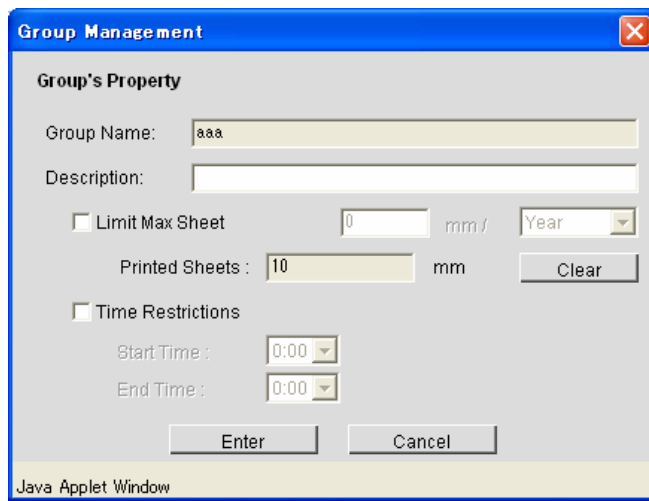
Create a new Group account. Click on "Add Group" to display this dialog box.



The 'Group Management' dialog box shows the 'New Group:' section. 'Group Name' and 'Description' fields are empty. It features the same 'Limit Max Sheet' and 'Time Restrictions' sections as the user management dialog, with 'Limit Max Sheet' set to 0 and 'Time Restrictions' set to 0:00. 'Enter' and 'Cancel' buttons are at the bottom.

<Properties>

Display the properties of a selected Group.



The screenshot shows a dialog box titled "Group Management" with a close button in the top right corner. The dialog is divided into a "Group's Property" section. It contains the following fields and controls:

- Group Name:** A text input field containing "aaa".
- Description:** An empty text input field.
- Limit Max Sheet:** A checkbox that is unchecked. To its right is a text input field with "0", followed by "mm /" and a dropdown menu showing "Year".
- Printed Sheets:** A text input field with "10", followed by "mm" and a "Clear" button.
- Time Restrictions:** A checkbox that is unchecked.
- Start Time:** A dropdown menu showing "0:00".
- End Time:** A dropdown menu showing "0:00".

At the bottom of the dialog are "Enter" and "Cancel" buttons. The text "Java Applet Window" is visible at the very bottom of the window frame.

<Delete>

Delete the selected Group.

3.1.8. System

Modify all the functions related to system management of Print Server in this system dialog. Only the administrator can modify.

- **Setting Items**

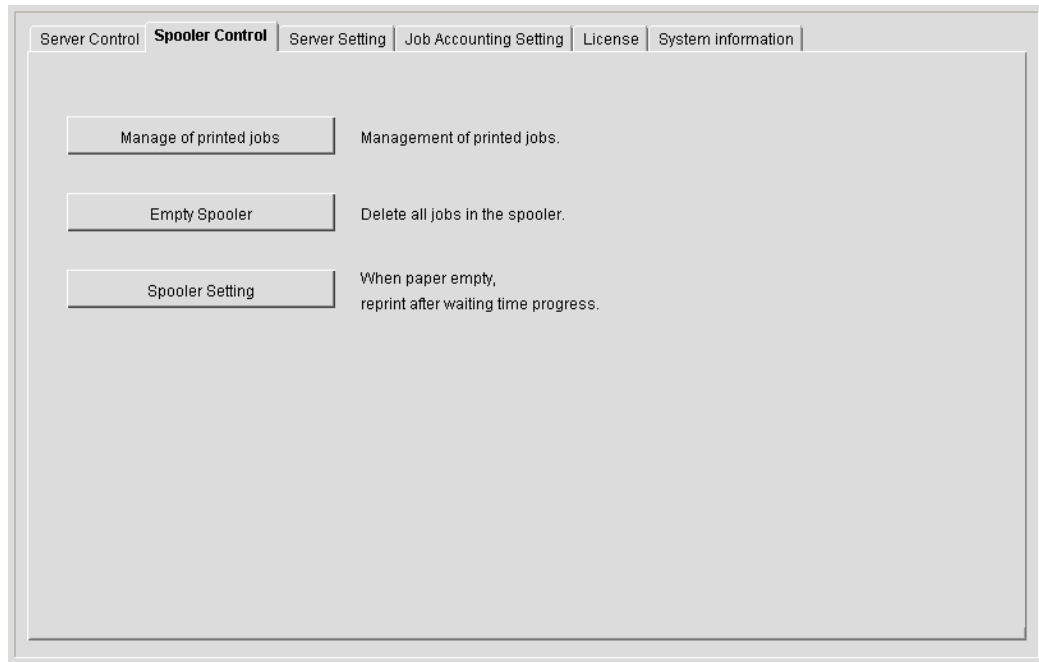
[Server Control]



<Reboot>

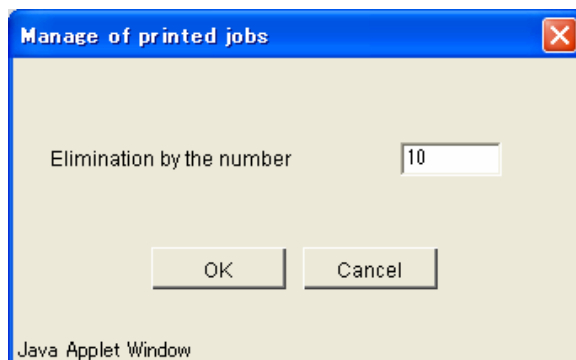
Reboot Print Server through browser. If it is done from Client, it is necessary to finalize the browser of client.

[Spooler Control]



<Manage of printed jobs>

Automatically delete the jobs when the number of jobs in 'Printed Queue' has exceeded the specified number.

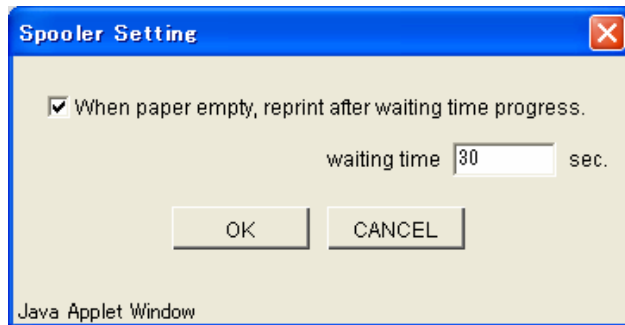


<Empty Spooler>

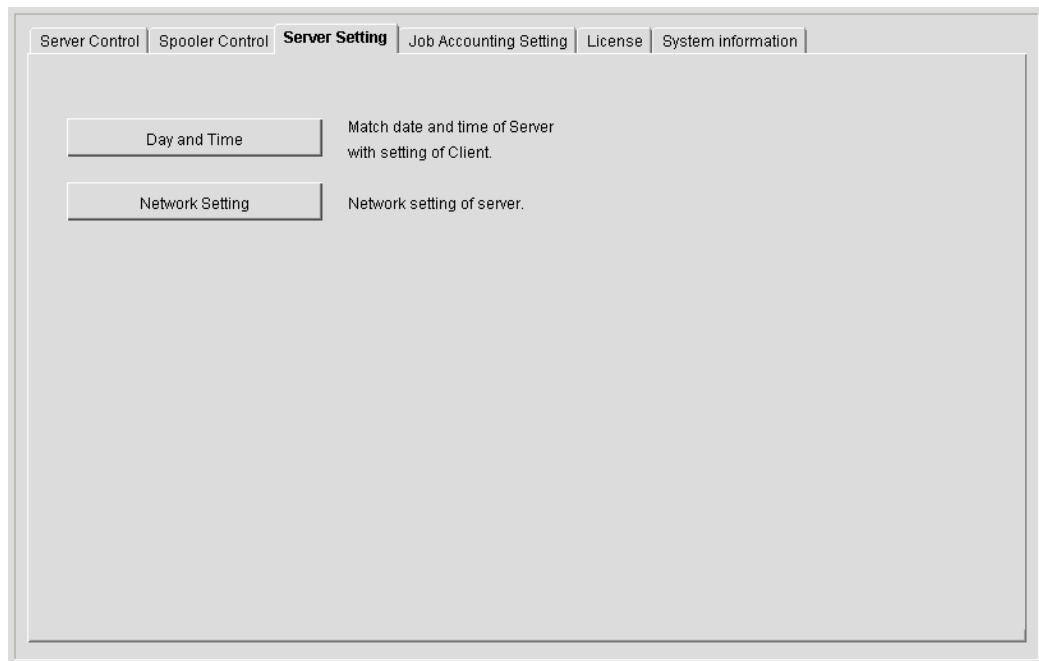
Remove all the data of queue that was spooled on Print Server Spooler.

<Spooler Setting>

When "Load Paper" starts, it is spooled to the last queue of print waiting, after a certain period later. (It becomes halt as it is, normally.)



[Server Setting]



<Day and Time>

Match Server's time and date with client's.

<Network Setting>

Set server's network configuration

Controller name:

Use DHCP server:

IP address:

Subnet mask:

Gateway:

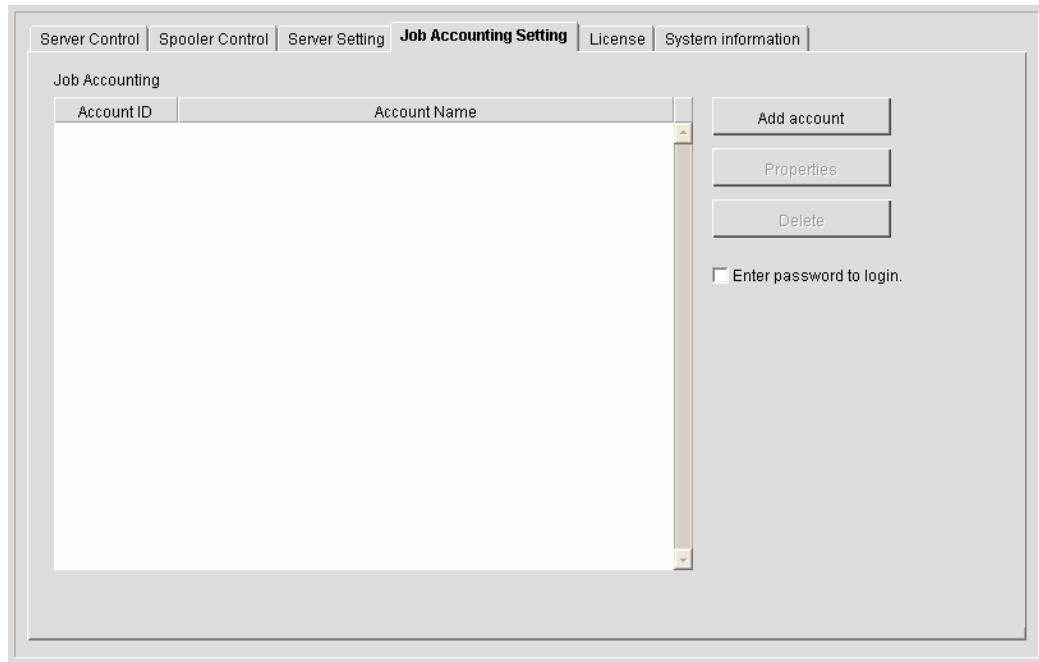
DNS server:

The screenshot shows a 'Network' configuration window with a blue title bar and a close button. The window contains the following fields and controls:

- Controller name: A text input field containing 'KM-3650w'.
- Use DHCP server: A checkbox that is currently unchecked.
- IP address: A grid of four input fields containing '192', '168', '100', and '10'.
- Subnet mask: A grid of four input fields containing '255', '255', '255', and '0'.
- Gateway: A grid of four empty input fields.
- DNS server: A grid of four empty input fields.

At the bottom of the window, there are three buttons: 'OK', 'Cancel', and 'Set default'. The text 'Java Applet Window' is visible in the bottom-left corner of the window's content area.

[Job Accounting Setting]



The listed account IDs will be used with [Job Accounting] enabled under Menu Setting on the printer's Operation Panel.

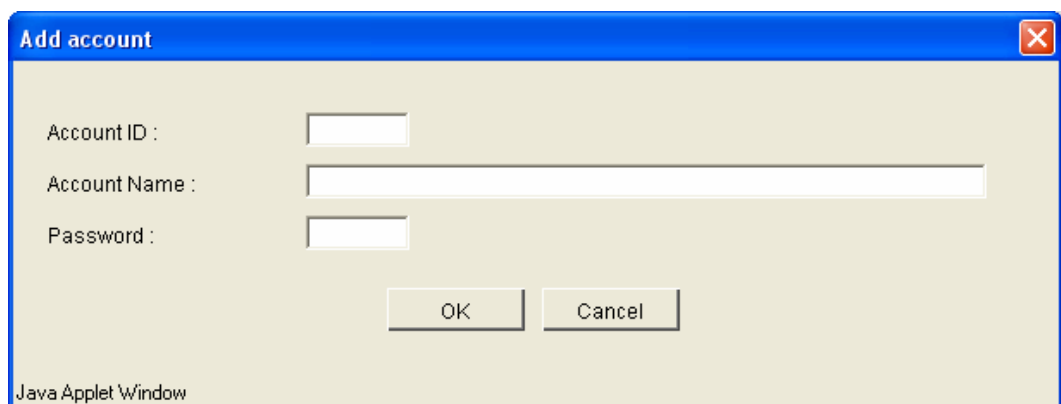
<Add account>

Creates a new account.

An Account ID consists of 4 digits including from 0001 to 9998. The number of Account ID can be registered up to 500.

Set a password to the new Account ID in 4 digits.

The password of a new Account ID that has not given any password will automatically set in blank.



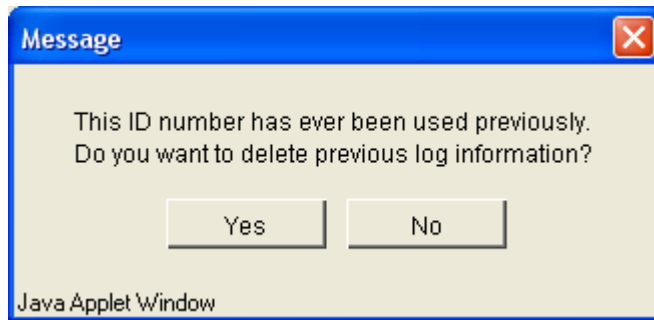
<Properties>

Changes information of the selected Account ID

<Delete>

Deletes the selected Account ID.

This can only delete the ID but not its log. If the same ID is created in the future registration, the system will show the following message whether to delete the log.



<Enter password to login>

Requires a password entry at Login on the printer's Operation Panel.

[License]



License Item

KM-4800w

Option License items

Scan System 2

(Option license for "Scan to File")

PDF

(Option License for PDF direct print such as Print Client KM)

[System Information]

Server Control	Spooler Control	Server Setting	Job Accounting Setting	License	System information
----------------	-----------------	----------------	------------------------	---------	---------------------------

Version :	1.00.00
USB SerialNo :	Y-2018479026

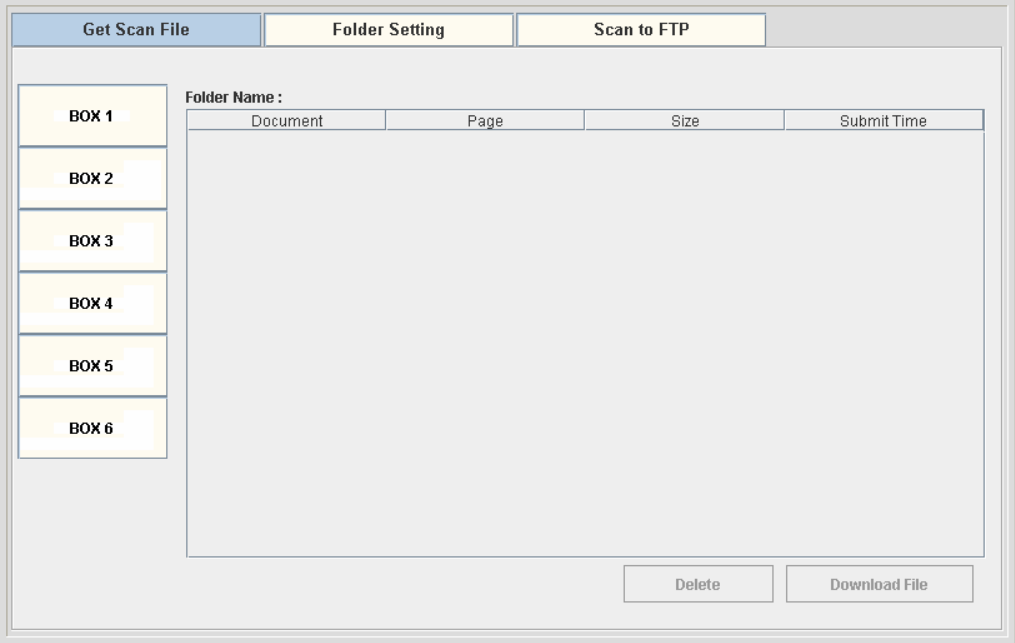
<Version>

Displays the controller version

3.1.9. Scan

This chapter explains how to download the scan image files to client PC.

- **Setting Items**
[Get Scan File]

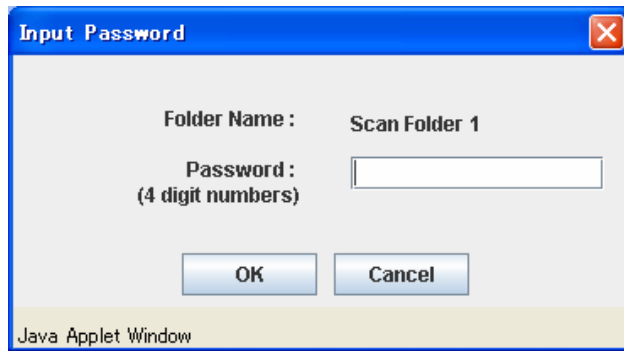


Specify a folder where desired scan image files are located in.

Between BOX 1 to 6 correspond to Scan Folder 1 to 6 in Operation Panel.

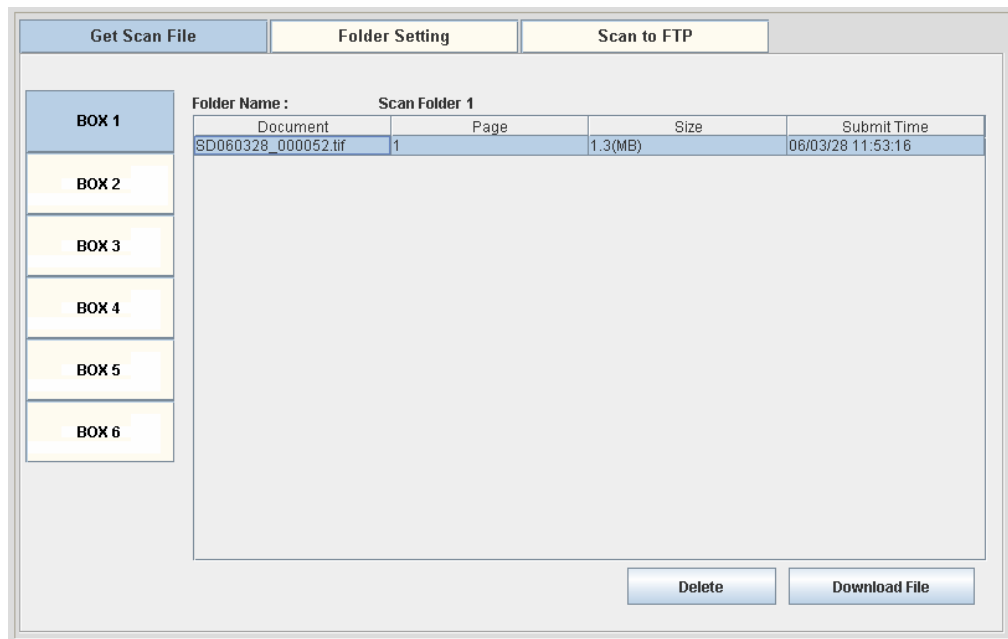
- BOX 1: Scan Folder 1
- BOX 2: Scan Folder 2
- BOX 3: Scan Folder 3
- BOX 4: Scan Folder 4
- BOX 5: Scan Folder 5
- BOX 6: Scan Folder 6

To open any Scan Folder requires a password.
Enter it in the window shown below.
(Default P/W:0000)



The dialog box titled "Input Password" has a blue title bar with a close button. It contains a label "Folder Name : Scan Folder 1" and a label "Password : (4 digit numbers)" next to an empty text input field. Below the input field are two buttons: "OK" and "Cancel". At the bottom left, it says "Java Applet Window".

Scan image files are listed.



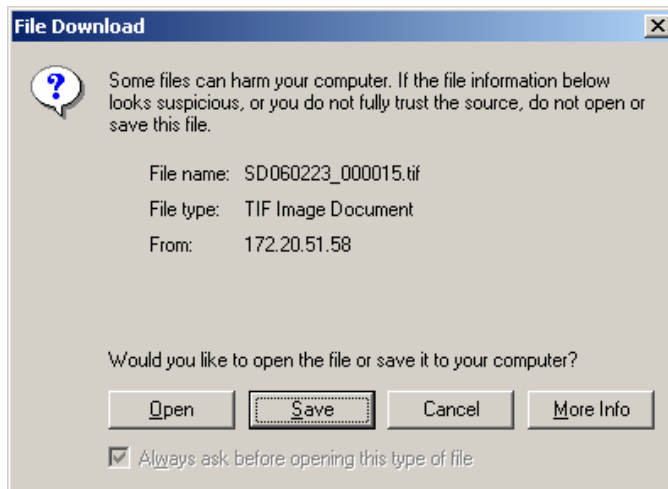
The interface has three tabs: "Get Scan File", "Folder Setting", and "Scan to FTP". The "Folder Setting" tab is active, showing "Folder Name : Scan Folder 1". On the left, there are six boxes labeled "BOX 1" through "BOX 6". The main area contains a table with the following data:

Document	Page	Size	Submit Time
SD060328_000052.tif	1	1.3(MB)	06/03/28 11:53:16

At the bottom right, there are two buttons: "Delete" and "Download File".

Select a file, Click Download File.

Click Save if the window shown below appears.



The file name and destination can be changed at your option.

Two or more files can be selected at a time.

In this case the files will be packed together and compressed as a zip file.

Scan image files are stored in KM-4800w for 72 hours, and are subsequently deleted.

[Folder Setting]

The screenshot shows a software interface for configuring scan folders. It features a tabbed interface with 'Folder Setting' selected. A sidebar on the left lists six scan folders, with 'BOX 1' currently selected. The main configuration area for 'BOX 1' includes a text input for the folder name, which is 'Scan Folder 1'. There are two checkboxes for password requirements: one for browsing the folder (checked) and one for scanning (unchecked). A 'Config Password' button is available to change the password. The dialog concludes with 'Enter' and 'Cancel' buttons.

Each Scan Folder's name can be changed at your option.

Maximum number of letters available for Scan Folder's name is 16.

<Input Password when browse Scan Folder>

Requires a password entry to open the concerning Scan Folder.

<Input Password when Scanning>

Requires a password entry to save a scan data to the concerning Scan Folder.

An operator should enter a password on Operation Panel.

Click "Config Password" to change the password.

Note: Click "Enter" to validate setting changes.

The changes will not be saved without "Enter"

[Scan to FTP]

Get Scan File Folder Setting Scan to FTP

BOX 7
BOX 8

FTP Name : FTP - 1 (12 characters max.)

Input Password when Scanning Config Password

FTP Setting

FTP Address 172 20 51 55

FTP Server Name

Sending Path : /auto

Remote Port : 21

Passive Mode

Login Setting

Anonymous Login

User Name :
Password :

Enter Cancel

Specify the destination for Scan to FTP.

BUTTON 7 and 8 correspond to FTP 1 and 2 in FTP Folders' names.

Each FTP Folder's name can be changed at your option.

Maximum number of letters available for FTP Folder's name is 12.

<Input Password when Scanning>

Requires a password entry to save a scan data to the concerning Scan Folder.

An operator should enter a password on Operation Panel.

Click "Config Password" to change the password.

<Sending Path>

When set the sending path destination to a subdirectory, describe the path with slash (/) as a path separator.

ex) /scanfile/technical/service/

Note: Click "Enter" to validate setting changes.

The changes will not be saved without "Enter"

4. Appendix

4.1. Trouble Shooting

4.1.1. Before conclude to malfunctioned

- Read Users Manual, confirm if the contents of obstacle is the limited item.
- Select the closest phenomenon from the following items, and confirm if the operation is correct.

4.1.2. Output is not done from the Plotter.

Major causes of no output from the Plotter are:

- Print Server is not started up.
- Remote Web Manager is not started up.
- Network between Print Server and Client is physically down.
- Network between Print Server and Client is logically down.
- Output configuration of Client machine is not set properly.

As shown above. Check the following items.

- (1) Perform the test print through Print Server. Confirm if Printer is ready to print in this case. If test print is done properly, confirm if Print Server and Printer is connected properly.
- (2) Check if network cable is connected properly. If output was done without any problem previously, there is a possibility that network connection between Print Server and client has a problem. Confirm that network is physically correct at first. Check if cables around hub and network support are connected properly, and check the power source of them.
- (3) Check if network service is proper. If those are connected properly, there is a possibility that network service is not done properly. Check used protocol (such as TCP/IP or Apple Talk), or network setting of Print Server. Confirm that plotter and client are connected properly to network using such as PING through Print Server. If they are correct, check if Print Server and connected printer are possible to watch from Client. After this, check if output is possible or not from the other client.
- (4) Check if printer driver is installed properly. If not, printer driver is not set properly. Confirm individual client following the setting of users manual, if the setting is properly done.
- (5) In case there are two or more printers, confirm if Print Server is set at as an ordinary use printer from the client side, or Print Server is not set to use.

4.1.3. Remote Web Manager does not start up

The causes that Remote Web Manager does not start up is:

- Print Server is not started up

- Network between Print Server and client is physically down.
- Network between Print Server and client is logically down.
- Network configuration of Print Server is not properly set.
- Network configuration of client machine is not properly set.

As shown above. Check the following items.

- (1) Check if network cable is connected properly. Confirm if network is physically correct. Check if cables around hub and network support are connected properly, and check the power source of them.
- (2) Check if network service is proper. If those are connected properly, there is a possibility that network service is not done properly. Remote Web Manager is working on the web browser that is used TCP/IP protocol. Confirm to the network manager if TCP/IP of client machine is properly set, such as installation of TCP/IP service, IP address of client machine, gateway or masking of sub-net.
- (3) Confirm if Web browser is used at Internet Explorer 6.0 SP1. Remote Web Manager is confirmed its operation using Internet Explorer version 6.0 SP1 or later. When other browser than this is used, there is a possibility that indication is not indicated properly.

Print Server User's Manual

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