# KM-3650w 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. (<u>http://java.com/en/download/</u>)
  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.

V	Veb Manager Login	
UserName :		
Password :		
	Login	

# 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].

🏉 Canı	not fir	nd serve	r - Microso	oft Inte	net Explorer		_ 🗆 ×
<u> </u>	<u>E</u> dit	⊻iew	F <u>a</u> vorites	<u>T</u> ools	<u>H</u> elp		1
Addres		Forward	vw.microsof	<u>S</u> ync Wind Show	and News hronize ows <u>U</u> pdate ( <u>R</u> elated Links aet <u>O</u> ptions	Favorites	Links »
Enables ;	you to	change s	ettings.				

Click [Settings] on "General" tab.

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

Settings	?×
	Check for newer versions of stored pages: © Every visit to the page © Every time you start Internet Explorer © Automatically © Never
	orary Internet files folder ht location:G:\WINNT40E\Profiles\Administrator\Temporary Internet Files\
Amour - J	nt of <u>d</u> isk space to use: 30 📻 MB
<u>M</u> c	ve Folder View Dijects
	OK Cancel

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.User Name administrator

Password	(blank)
----------	---------

UserName :
Password :

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



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 an administrator or logging on as an added user. If the user has the right of administrator, it is possible to use all of the functions of Remote Web Manager.

# 3.1. Function

# 3.1.1. Spooler

	Remote Web Manager						
Spooler De	vice WebCl	lient Filter	Option	Log	User Syst	em Scan	
Document :	Status	Owner	Printer	Request	Size	Submit Time	
Printed						-	
141-14						-	
Wait							
				_			
Pause						<b></b>	
Error						-	
						<b>_</b>	
Device : Printer ready	Device : Printer ready						
					Cancel Sle	ep Mode Refresh	
				0.2% Used		Feb 19, 2006 3:14 PM	

Observe the situation of Printing job and control it in this Main configuration. When user with the right of administrator logged on, it is possible to 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-3650w			
- 				
	Paper Kind	Paper Set	Paper Size	Paper Remaining
	n apor rana	i aper eet		, spectrum g
Roll 1	Plain	Set	36(inch)	75%
Roll 1 Roll 2				
	Plain	Set	36(inch)	75%
	Plain	Set	36(inch)	75%

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

Roll 1

The kind of paper in the front of paper deck is indicated.

Roll 2

The kind of paper 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) Select the plot file.

Select File(Step 1)	Output	Jo	ıb(Step 2)				
C:\PlotData\CEBIT96\PLT_FIN		•		lob			
MSOCache  PlotData  CEBIT96  CADDATA  CDTFIN  CDTFIN  CDTFIN  CDTF  PIntClient  CDTrgram Files  CDTCLER				No 1 2 3	Name A0_1_ASE.PLT A0_2_FIL.PLT A0_3_HVA.PLT	In Directry C:(PlotData)CEB C:(PlotData)CEB C:(PlotData)CEB	178249
← 📑 System Volume Information		•					
Name	Bytes 15364						
.DS_Store A0 1 ASE.PLT	15364	-					
A0 2 FIL.PLT	178249	=					
A0 3 HVA.PLT	193073						
A0 4 SAS.PLT	330677		Select				
A0_5_EL1.PLT	108164						
A0_6_EL2.PLT	98944		Select All				
A0_7_AD6.PLT	137846						
A0_8_AD7.PLT	140633		Cancel	_			
A0_9_AD8.PLT	377376						
A1_1_ASE.PLT	154240	_			Delete	Delete All	
A1 2 FIL PLT	168822	•	l	_			

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

2) Click "Output Job (Step 2)" tab.

Select File(Step 1	1)	Output Job(Step 2			
Job Name : A0_1_ASE	E.PLT				
No Name 1 A0_1_ASE.PLT 2 A0_2_FIL_PLT 3 A0_3_HVA.PLT  ✓ Co Densid U He Doutpu Print	Count : Pr 1 - C collate N ity : N 10 - R eader T Settings T at Queue :	rint Setting Output Size : Number Of Copies : Media Type : Rotation : Tray Selection :	Compensation Original Original Auto Auto Cut in Format Mirror	×: 100.	e Margin Setting Edge : 0 = mm
Custom	Default				Print

3) When "Print" button is clicked, output starts.

[General Setting	-	Compensation	
Job Count :	Print Setting Output Size :	Original	Scale
✓ Collate Density :	Number Of Copies :		X,Y Separate
	Media Type : Rotation :	Paper 💌 Auto 💌	Enable Margin Setting
Settings Output Queue :	Tray Selection :	Automatic select 💌	Leading Edge : 0 - mm
Print V		Mirror	Trailing Edge : 0 7 mm
Default			

Job Count:

Number of Set Job

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 - 13
```

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.

	X
Placement :	Leading Left 🔹 🔻
Text Size :	3 +
Requester :	
Job Number :	
ОК	Cancel

**Output Queue** 

Select print job is send 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 prints:

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
                         Synchronized Cut
       No check
Mirror:
   Setting of mirror
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)

#### [HP-GL/2 Settings]

Pen Width Mode :	Calcomp Origina /alues in file /alues in file	l Size Compensa O User defir O User defir	ned values	RTL Raster Density : 100 -
Pen Management Manage Pens	READ SAV	Æ		<ul> <li>Enable Pen Scale</li> <li>Cut and feed by SP/SP0</li> </ul>
Pen No.         F           1         0.35m           2         0.35m           3         0.35m           4         0.35m           5         0.35m           6         0.35m           7         0.35m           8         0.35m           9         0.35m	im 100% im 100% im 100% im 100% im 100% im 100% im 100% im 100%	)     =       )		
Pen No. Pen Size	Grayscale mm%	Set 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.

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 Settings]

en Width Mode : rayscale Mode :	<ul> <li>Values in fil</li> <li>Values in fil</li> </ul>	_	
Pen Managemen	t		Double Sync
Manag	e Pens READ	SAVE	✓ Checksum
Pen No.	Pen Size	Grayscale	Sync-Char
	0.35mm	100%	
	0.35mm	100%	
	0.35mm	100%	End-Char
	0.35mm	100%	
	0.35mm	100%	Step: 800 steps/cm
	0.35mm	100%	
Pen No. Pe	n Size Gray	/scale Set	

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.

Synchronization Setting:

A preferable Synchronization can be specified by either

Automatically Setting or Manual Setting.

#### 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 Settings]



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%. (0.1% step)

## 3.1.4. Filter

# [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 Settings]

	FTP Filter	LPR Filter	
Filter :	_		Spool Directory : ftp01
FTP1	General HPGL C	alcomp Original Size Compensation	
FTP2			
FTP3	Print S	etting	Scale
FTP4	Outpu	ıt Size : 🛛 Auto 🔽	
FTP5	blt		X,Y Separate
FTP6	Piumi	er Of Copies : 1	X: 100.0 % Y: 0 %
FTP7	Media	a Type : Paper 💌	
FTP8	Rotat	ion : Auto	Enable Margin Setting
FTP9	Rotat	ion : Auto	
FTP10	Tray	Selection : Automatic select 💌	
FTP11			Leading Edge : 0 - mm
FTP12		🖌 Cut in Format	Trailing Edge : 0 👘 mm
FTP13		Mirror	
FTP14			Density :
FTP15			8 - Image Shift
FTP16			
	Show Value		Cencel
			Enter

```
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 prints:

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

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 - 13

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)

#### [HP-GL/2 Settings]

General HPGL	Calcomp Origin	nal Size Compensat	ion	
Pen Width Mode :	Values in file	🔾 User d	efined values	RTL Raster Density: 100
Grayscale Mode :	Values in file	🔾 User d	efined values	✓ Enable Clippng
-Pen Management				🔤 Enable Pen Scale
Manage	Pens READ	SAVE		Cut and feed by SP/SP0
Pen No.	Pen Size 0.35mm	Grayscale 100%		
2	0.35mm	100%		
3	0.35mm	100%		
4	0.35mm	100%	1	
5	0.35mm	100%		
6	0.35mm	100%		
7	0.35mm	100%		
8	0.35mm	100%		
9	0.35mm	100%	-	
Pen No. Per	n Size Graysc	ale Set		
	mm	% Defaul	t	

#### 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.

#### **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.

#### [Calcomp Settings]

n Width Mode :	Values in file	🔾 Use	er defined values	Synchronization	Setting
ayscale Mode :	Values in file	🔾 Use	er defined values	🖌 Auto Detecti	on
Pen Management				🖌 Double Syr	10
Manage	Pens READ	SAVE		Checksum	1
Pen No.	Pen Size	Grayscale		Sync-Char	
	0.35mm	100%	<b>A</b>		
	0.35mm	100%			
	0.35mm	100%		End-Char	
	0.35mm	100%			
i	0.35mm	100%			
i	0.35mm	100%			
,	0.35mm	100%			
	0.35mm	100%		Step : 800	steps/cm
)	0.35mm	100%	<b>•</b>		
Pen No. Per	n Size Grayso	ale So % Defa			

#### 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.

Synchronization Setting:

A preferable Synchronization can be specified by either

Automatically Setting or Manual Setting.

#### 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 Settings]



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%. (0.1% step)

### 3.1.5. 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 I "output file name" ]

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

Setting Items

#### [General Settings]

	FTP Filter	LPR Filter	
Filter :			
LPR1	General HPGL Calcomp Or	iginal Size Compensation	
LPR2	Delivit Orthing		
LPR3	Print Setting		Scale
LPR4	Output Size :	Auto 💌	X,Y Separate
LPR5	Number Of Copies	: 1 <u>*</u>	A,i separate
LPR6	Number Of Copies	•	X: 100.0 % Y: 0 %
LPR7	Media Type :	Paper 💌	
LPR8	Rotation :	Auto	Enable Margin Setting
LPR9	Rotation :	Auto 💌	
LPR10	Tray Selection :	Automatic select 💌	
LPR11		Contin Francet	Leading Edge : 0 - mm
LPR12		🖌 Cut in Format	Trailing Edge : 0 🐳 mm
LPR13		Mirror	
LPR14			Density :
LPR15			8 - Image Shift
LPR16			
	Show Value		Cencel
			Enter

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 prints:

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
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 - 13
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)

#### [HP-GL/2 Settings]

General HPGL	Calcomp Origin	nal Size Compensat	tion	
Pen Width Mode :	Values in file	🔾 User d	lefined values	RTL Raster Density: 100 +
Grayscale Mode :	Values in file	🔾 User d	lefined values	✓ Enable Clipping
Pen Management				Enable Pen Scale
Manage	e Pens READ	SAVE		Cut and feed by SP/SP0
Pen No.	Pen Size	Grayscale		
1	0.35mm	100%	<b></b>	
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. Per	n Size Graysc	ale Set		
	mm	% Defau	it	

#### 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.

#### **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.

#### [Calcomp Settings]

n Width Mode :	Values in file	🔾 Use	er defined values	Synchronization	Setting
ayscale Mode :	Values in file	🔾 Use	er defined values	🖌 Auto Detecti	on
Pen Management				🖌 Double Syr	10
Manage	Pens READ	SAVE		Checksum	1
Pen No.	Pen Size	Grayscale		Sync-Char	
	0.35mm	100%	<b>A</b>		
	0.35mm	100%			
	0.35mm	100%		End-Char	
	0.35mm	100%			
i	0.35mm	100%			
i	0.35mm	100%			
,	0.35mm	100%			
	0.35mm	100%		Step : 800	steps/cm
)	0.35mm	100%	<b>•</b>		
Pen No. Per	n Size Grayso	ale So % Defa			

#### 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.

Synchronization Setting:

A preferable Synchronization can be specified by either

Automatically Setting or Manual Setting.

#### 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 Settings]



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%. (0.1% step)

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

# 3.1.6. Option

Option function of device is available by clicking Option Setting Button. Only user who has the right of administrator can change this setting.

# **General Settings**

General HPGL Calcomp Origin	al Size Compensation			
Printer : KM-3650w ▼ Paper Unit : Inch ▼ Output Mode : Mode1 ▼ Tolerance : 5 mm Screening : Frequency : 66 + lpi Angle : 45 + °	Tray Selection : A	1 - uto ▼ utomatic select ▼ n Format or	Enable Mai     Leading Edge     Trailing Edge  Density:     10 +	e: 0 = mm
Show Value				Cancel
				Enter

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

(not print when output size is selected standard size)

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:

The image can be printed with high quality if you check this item when the resolution is not 600dpi (any resolution except for 600dpi). However it takes longer time than usual until printing is finished.

## Number of prints:

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

Density:

Set Image Density

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

1 - 13

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 Settings**

Output setting of HPGL file is done.

When "HP-GL/2" tab is clicked, following dialog is popped up.

en Width Mode : rayscale Mode : Pen Managemen		le O User	r defined values r defined values	RTL Raster Density: 100 ÷
	je Pens READ	SAVE		Cut and feed by SP/SP0
Pen No.	Pen Size 0.25mm	Grayscale 100%		Enable LA Setting
	0.25mm 0.25mm	100%		Enable MC Setting
	0.25mm	100%		Enable RP Setting
i	0.25mm 0.25mm	100%		Halftone Screening (Transparent)
	0.25mm 0.25mm	100%		Not Use
	0.25mm 0.25mm	100%	-	
Pen No. Pe	en Size Gray	/scale Se	t	
	mm	% Defa	ult	
Show Value				Cancel

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.

**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", MC0/MC1 is validated.

Enable RP Setting:

RP Command is validated, and Number of print setting on both FTP and LPR is invalidated.

This setting is valid on the outputs from FTP and LPR but invalid on the outputs from Print Client KM and Web Client. Halftone Screening:

Check "Enable MC Setting:" and this function is validate.

Select a preferable one between Screening 1 to Screening 5.

The proper image is available in the halftone image of HPGL file by this.

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

Halftone Screening (Transparent)

Not Use 💌
Not Use
Screening 1 (Finely)
Screening 2
Screening 3
Screening 4
Screening 5 (Rough)

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

# **Calcomp Settings**

Output setting of Calcomp file is done.

When "Calcomp" tab is clicked, following dialog is popped up.

en Width Mode	e: 💿 Values in fil	e 🔷 User def	ined values	Synchronization Setting	
rayscale Mode	: 💿 Values in file	e 💿 User def	ined values	✓ Auto Detection	
Pen Managem	ent			Double Sync	
Man	age Pens READ	SAVE		Checksum	
Pen No.	Pen Size	Grayscale		Sync-Char	
	0.25mm 0.25mm 0.25mm	100%		22 End-Char	
	0.25mm 0.25mm 0.25mm	100% 100% 100%			
	0.25mm	100%			
	0.25mm	100%		Step: 800 steps/cm	1
	0.25mm	100%	-		
Pen No.	Pen Size Grays	scale Set % Default			
Show Val	ıe			[	Cancel

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.

Synchronization Setting:

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

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 Settings**

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.

Genera	al HPGL	Calcomp	Original Size Compensation	
r E	nable Origin	al Size Comp	ensation	
	Plain			
	Length	100 📩 %	Width 100 - %	
	Vellum			
	Length	100 📩 %	Width 100 * %	
	Film			
	Length	100 * %	Width 100 * %	

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%. (0.1% step)

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

# 3.1.7. Log

Check the account log or the system log.

# Account Log tab

.cquire Target :		
All	C Specific Date	
	Year Month Day	
Date From	2006 1 22	
Date To :	2006 1 22	
Data Kind :		
Summary	C Log	
💿 per User	r	
🔘 per Grou	ıp	
🔘 per Job		
Acquiring Method :		
Oisplay	C Download Execute	
elete		
Summary :		
€ All — C	Delete before Specified Day.	
Year Mo	inth Day	
2006 1	22 Delete	

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.

# System Log tab

	Log System Lo	9				
Acqu Gi	ure eneration Numbe	r: 0 (Latest)	Download			
				_		

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

Click Download to down load the selected system log.

# 3.1.8. User

• Password

Password User Admin	
User Name : Password :	administrator
Confirm Password :	
	Enter

• User Admin

Jser Full Na	ame Gro	oup Des	scription	Maximum F P	rinted S	he Time Rest	ri	
inistrator				Unlimited	5	Unlimited	<b>-</b> .	Add User
								Properties
								Delete
							•	
up Group	De	escription	Мах	kimum Pri Print	ed Shee	Time Restric		
-	De	escription	Max	simum Pri Print	ed Shee	Time Restric		Add Group
-	Des	scription	Мау	simum Pri Print	ed Shee	Time Restric		Add Group Properties

# 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)

User Management	×
New User:	
User Name:	
Full Name:	
Group Name:	Ŧ
Description:	_
Password:	
Limit Max Sheet	-
Printed Sheets : mmClear	
Time Restrictions	
Start Time : 0:00 💌	
End Time : 0:00 💌	
Enter Cancel	
Java Applet Window	

## **Properties**

Display the properties of a selected user account.

User Managemen	t			
User's Property				
User Name:	administrato	r		
Full Name:				
Group Name:				-
Description:				
Password:	****	**		
📕 Limit Max 8	Sheet	0	mm /	Year 💌
Printed	Sheets : 5		mm	Clear
🗖 Time Rest	rictions			
Start Tin	ne : 0:00	) 💌		
End Tim	ne : 0:00			
L	Enter		ancel	
Java Applet Window				

# 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.

Group Management			
New Group:			
Group Name:			
Description:			
🗖 Limit Max Sheet	0	mm /	Year 🗾
Printed Sheets :		mm	Clear
Time Restrictions			
Start Time : 0;	00 🗾		
End Time :	00 🔽		
Enter	C;	ancel	
Java Applet Window			

# Properties

Display the properties of a selected Group.

Group Management	
Group's Property	
Group Name: asa	
Description:	
Limit Max Sheet	Year 💌
Printed Sheets : 10 mm	Clear
Time Restrictions	
Start Time : 0:00 💌	
End Time : 0:00 토	
Enter Cancel	
Java Applet Window	

# Delete

Delete the selected Group.

# 3.1.9. System

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

### Server Control tab

Server Control Spooler Control Server Setting License System information	
Reboot Restart the Server.	

Reboot

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

# **Spooler Control tab**

Server Control Spooler Contro	Server Setting License System information
Manage of printed jobs	Management of printed jobs.
Empty Spooler	Delete all jobs in the spooler.
Spooler Setting	When paper empty, reprint after waiting time progress.

Manage of printed jobs

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

Manage of printed jobs	
Elimination by the number	10
OK	Cancel

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.)

Spooler Sett	ine		
🔽 When pa	per empty, repi	rint after waiting time pro	ogress.
		waiting time 30	sec.
	ОК	CANCEL	
Java Applet Win	wob		

#### Server Setting tab

Server Control Spooler Control Server Setting License System information
Day and Time Match date and time of Server
with setting of Client.
Network Setting Network setting of server.

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:

Network	
Controller name:	KM-3650w
T Use DHCP server	
IP address:	192 168 100 10
Subnet mask:	255 255 255 0
Gateway:	
DNS server:	
OK Cancel	Set default
Java Applet Window	

## License tab

Server Control   Spooler Control   Server Setting   License   System information
License Manage license registration.

License Item KM-3650w

Option License items Scan System 1 PDF CGM

# System Information tab

Server Control Spooler	Control Server Setting License	System information
Version :	Version 0.1	-
USB SerialNo :	DongleLicense	

Version:

Indicate Print Server Version

# 3.1.10. Scan

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

## Get Scan File tab

Get Scan File		Folder Setting Sca		an to FTP		
BOX 1	Folder Nam D	e: ocument	Page		Size	Submit Time
BOX 2						
BOX 3						
BOX 4						
BOX 5						
BOX 6						
					Delete	Download 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)

Input Password	
Folder Name : Password : (4 digit numbers)	Scan Folder 1
ок	Cancel
Java Applet Window	

Scan image files are listed.

Get Scan File Folde		Setting	S	Scan to FTP		
	Folder Name : Scan Folder 1					
BOX 1	D	ocument	Page		Size	Submit Time
	SD060328_000052.tif		1	1.3	3(MB)	06/03/28 11:53:16
BOX 2						
BOX 3						
BOX 4						
BOX 5						
BOX 6						
·						
					Delete	Download File

Select a file, Click Download File.

Click Save if the window shown below appears.

File Down	nload			×
?		harm your computer. s, or you do not fully		
	File name:	SD060223_00001	5.tif	
	File type:	TIF Image Docume	ent	
	From:	172.20.51.58		
	Would you like t	o open the file or sa	ve it to your cor	nputer?
	<u>O</u> pen	Save	Cancel	More Info
	☑ Al <u>w</u> ays ask	before opening this I	type of file	

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-3650w for 72 hours, and are subsequently deleted.

# Folder Setting tab

Get Scan File	Folder Setting	Scan to FTP	
BOX 1	Folder Name : Scan Folder	1	
BOX 2	✓ Input Password w	hen browse ScanFolder	
BOX 3	Input Password w	hen Scanning	
BOX 4	Con	fig Password	
BOX 5			
BOX 6			
	Enter	Cancel	

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" and "Input Password when scanning" can be defined with the respective checkboxes.

Click Config Password to change the password.

#### Scan to FTP tab

Get Scan Fi	le Folder Setting Scan to FTP
BOX 7	FTP Name : FTP - 1 (12 characters max.)
BOX 8	FTP Setting     IT2 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" can be defined with its checkbox.

Click Config Password to change the password.

# 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:

- 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

2006.3 Rev. 1.0

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