

DIGITAL PHOTO PRINTER DP-DS620 (A)

Printer Driver User's Manual For Windows XP

Dai Nippon Printing Co., Ltd.

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Safety precautions

Before you use the printer, carefully read the User's manual to ensure that you use the printer correctly. Be aware that the content complies with the standards at the time the User's manual section related to safety, including usage and safety precautions, was created.

Modifications

For product safety, it is prohibited to modify the DP-DS620/DP-DS620 (A) printer, DP-DS620/DP-DS620 (A) printer driver, and CD contents.

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• About the country of delivery Not for resale/use in the U.S. Inside the U.S., use : DP-DS620 (A)

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- Main additional functions from previous models
 Added "(6x4) x N" and "(5x3.5) x N" to the paper sizes (limited to applicable countries) Added "(6x4) x n" and "(5x3.5) x n" to reduce ribbon consumption by printing at (6x4) and (5x3.5) sizes using the winding print function. For details, see "Paper size (6x4) x n setting" in 2.2.2 Advanced options.
 Added printer information Added a printer information function to display, for example, printer information and the status/number of printable copies on the driver screen. For details, see 2.2.6 Printer Information.
 Added language settings Added a function to change the display language for the following print settings: Advanced options-Printer functions, Option, Color Adjustment, and Printer Info. For details, see 2.2.4 Option.

Chapter 1 Installation

1.1 Prepare the printer and computer

Switch on the power of the DP-DS620 printer, and then use a USB cable to connect the printer and computer. *For the connection, see the user's manual of the DP-DS620.

If the Found New Hardware Wizard appears after connection, carry out the installation by following the procedure of "1.2 Found New Hardware Wizard". If the Found New Hardware Wizard does not appear, carry out the installation by following "1.3 Install using "Add a Printer"".

1.2 Found New Hardware Wizard

Confirm that "Install from a list or specific location (Advanced)" is selected, and then click "Next".

Found New Hardware Wizard	
	his wizard helps you install software for: Dai Nippon Printing DP-DS620 If your hardware came with an installation CD or floppy disk, insert it now.
	/hat do you want the wizard to do? O Install the software automatically (Recommended) The software a list or specific location (Advanced) lick Next to continue.
	< <u>B</u> ack Next > Cancel

Figure 1.1 Found New Hardware Wizard

Note) If you are using Windows XP Service Pack 2 or later, and the following screen appears when the new search wizard starts, select "No, not this time", and then click "<u>N</u>ext".

Found New Hardware Wizard	
	Welcome to the Found New Hardware Wizard Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). <u>Read our privacy policy</u>
	Can Windows connect to Windows Update to search for software?
	○ Yes, this time only
	 Yes, now and every time I connect a device No, not this time
	Click Next to continue.
	< Back Next > Cancel

Select "Search for the best driver in these locations", and then make sure that "Include this location in the search:" check box is selected. Click "Browse", select the installation location, and then click "Next".

Found New Hardware Wizard
Please choose your search and installation options.
 Search for the best driver in these locations. Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed. Search removable media (floppy, CD-ROM)
I:¥DP-DS620_Driver¥XP BIowse BIOWSE
Don't search. I will choose the driver to install. Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< <u>B</u> ack <u>N</u> ext > Cancel

Figure 1.2 Search and installation options

If the following screen appears during an upgrade installation, check the Version section, select the most recent version, and then click "Next".

Found New Hardware Wizard		
Please select the best match for your hardware from the list below.		
DP-DS620		
Description Version Manufacturer Location		
DP-DS620 0.9.0.0 Dai Nippon Printing d:\windows\inf\oem15.inf		
DP-DS620 1.0.0.0 Dai Nippon Printing d:\documents and settings\nagano\		
This driver is not digitally signed! <u>Tell me why driver signing is important</u>		
< <u>₿</u> ack <u>N</u> ext > Cancel		

Figure 1.3 Software selections

The following screen appears when you install software. Click "Continue Anyway" to continue with the installation.



Figure 1.4 Installing hardware

If the Search removable media (floppy, CD-ROM...) check box shown in Figure 1.2 is selected, the following message may appear. If the message appears, insert the CD-ROM, and then click OK.



Figure 1.5 Insert Disk

If the following message appears after clicking OK in Figure 1.5, click "Browse", select the installation disk, and then click OK.





Click Finish to close the printer wizard.

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard The wizard has finished installing the software for: DP-DS620
	Click Finish to close the wizard.
	< Back Finish Cancel

Figure 1.7 Completing the Found New Hardware Wizard

Click "Start", and then click "Printers and Faxes", and then make sure that "DP-DS620" is present.



Figure 1.8 Printers and Faxes

After the installation of the printer driver is complete, always restart the computer.

1.3 Install using "Add a Printer"

Click "Start", and then click "Printers and Faxes".

(Depending on the computer you are using, "Printers and Faxes" may not appear. If it does not appear, click the following items in order: Start, "Control Panel", "Printers and Other Hardware", and "Printers and Faxes".

Click	"Add	аI	Print	ter".
-------	------	----	-------	-------

	🖏 Printers and Faxes	
	Elle Edit View Favorites Iools Help	.
	🔇 Back 👻 🌍 👻 🏂 Search 🍋 Folders 🔛 -	
	Address 🚱 Printers and Faxes	🗙 ᠫ Go
	Printer Tasks	
<	Add a printer	
	Sol-op-faxing	
	See Also	
	?) Troubleshoot printing	
	Get help with printing	
	Other Places	
	Control Panel	
	My Documents	
	📇 My Pictures	
	My Computer	
	Details 😵	

Figure 1.10 Printers and Faxes

The Add a Printer Wizard screen appears. Click "Next".



Figure 1.11 Add a Printer Wizard

The Local or Network Printer screen appears. Select "Local printer attached to this computer", clear "Automatically detect and install my Plug and Play printer" check box, and then click "Next".

Add Printer Wizard	
Local or Network Printer The wizard needs to know which type of printer to set up.	
Select the option that describes the printer you want to use:	
Local printer attached to this computer Automatically detect and install my Plug and Play printer	
O A network printer, or a printer attached to another computer To set up a network printer that is not attached to a print server, use the "Local printer" option.	
< <u>B</u> ack Next> Cancel]

Figure 1.12 Local or Network Printer

The Select a printer port screen appears. Select "Use the following port". From the list, select the USB port connecting the printer (for example, USB001), and then click "Next".

Add Printer Wizard		
Select a Printer Port Computers communicate with printers through ports.		
Select the port you want your printer to use. If the port is not listed, you can create a new port.		
O Use the following port: USB001 (Virtual printer port for USB)		
Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this port should look something like this:		
Create a new port: Type of port:		
< <u>B</u> ack Next > Cancel		

Figure 1.13 Select a Printer Port

The Install Printer Software screen appears. Click "Have Disk...".

Add Printer Wizard		
Install Printer Software The manufacturer and model o	determine which printer software to use.	
	d model of your printer. If your printer came with an installation Ir printer is not listed, consult your printer documentation for	
Manufacturer Agfa Alps Apollo Apple APS-PS	Printers AGFA-AccuSet v52.3 AGFA-AccuSet 800 AGFA-AccuSet 800 AGFA-AccuSet 800 AGFA-AccuSet 8005F v52.3	
This driver is digitally signed. <u>I ell me why driver signing is important</u>		
	<pre>< Back Next > Cancel</pre>	

Figure 1.14 Install Printer Software

The Install From Disk screen appears. Click "Browse", and then select the installation location.

Install F	rom Disk	
.	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from:	
	I:¥DP-DS620_Driver¥XP	<u>Browse</u>

Figure 1.15 Install From Disk

Make sure that "DP-DS620" appears, and then click "Next".

Add Printer Wizard
Install Printer Software The manufacturer and model determine which printer software to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Printers
DP-DS620
This driver is not digitally signed! <u>I tell me why driver signing is important</u> <u>Windows Update</u> <u>Have Disk</u>
< Back Next > Cancel

Figure 1.16 Install Printer Software

The Name Your Printer screen appears. Configure the printer name. Furthermore, if the Do you want to use this printer as the default printer? screen appears, and if you want to set this printer as the default printer, select Yes, and then click "Next".

Add Printer Wizard
Name Your Printer You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.
Printer name: DP:05620
< <u>Back</u> Cancel

Figure 1.17 Configuring the printer name and the default printer

The Print Test Page screen appears. Select "No", and then click "Next".

Add Printer Wizard
Print Test Page To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page? ○ Yes ⊙ №
< <u>B</u> ack Next > Cancel

Figure 1.18 Print Test Page

The Completing the Add Printer Wizard screen appears. Click Finish.

Add Printer Wizard		
	Comple Wizard	ting the Add Printer
		ccessfully completed the Add Printer Wizard. I the following printer settings:
	Name:	DP-DS620
		<not shared=""></not>
	Port:	USB001
	Model:	DP-DS620
	Default:	Yes
	Test page:	No
	To close this	wizard, click Finish.
		< Back Finish Cancel

Figure 1.19 Completing the Add Printer Wizard

The following message appears when installing software. Click "Continue Anyway" to continue with the installation.

Har dwa	re Installation
1	The software you are installing for this hardware: Printers has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway
	Figure 1.20 Installing hardware

After the installation of the printer driver is complete, always restart the computer.

Chapter 2 Properties

You can configure various printer settings from the Properties of the DP-DS620 driver. Make sure you understand the contents well before changing settings. Depending on the application you are using, you must perform this operation from the print settings of the application.

2.1 Open the printer properties



			-
DP-DS620 Pr	operties		
Color Ma	anagement	Devid	e Settings
General	Sharing	Ports	Advanced
0			
DP.	DS620		
ocation:			
omment:			
lodel: DP-D)\$620		
-	3620		
Features			
Color: Yes	_	aper available:	
Double-sided: I	NO		~
Staple: No			
Staple: No Speed: Unkno	wn		
			v
Speed: Unkno			×
Speed: Unkno		ferences)	rint <u>T</u> est Page

2.2 Print settings functions

If you select the basic settings from the Properties screen, you can change various print settings.

2.2.1 Layout

DP-DS620 Printing Preferences	?
Layout Paper/Quality Option Color Adjustment Printer Info	
Orientation © Potrati Qandscape	
Page Order	
Frgnt to Back	
O Back to Front	
Pageg Per Sheet	
Г	Advanced
L	
OK	Cancel Apply

Figure 2.2.1 Layout tab

Orientation

Set the print orientation to "Portrait" or "Landscape". For details, refer to "2.6 Orientation ".

Page Order

In the application, specify the order when multiple copies of an image are printed.



Pages per Sheet

Set printing of the specified division size. In most situations, set "1".

Example) Division size



2.2.2 Advanced options

If you select "Advanced..." on the Layout tab, you can configure various advanced options.

ayout Paper/Quality Option	Color Adjustment Printer Info
Orientation Portrait Landscape	
Page Order © Front to Back © Back to Front Pages Per Sheet: 1	
	(Adganced)



Figure 2.2.2.1 Advanced settings

Paper Size

Specify the paper size. Match the paper size with the size of the media set in the printer. You can enable multiple layout settings by setting the paper size. See later sections for details.

Copy Count

You can specify the number of copies to be published for images.

Print Quality

Specify the resolution.

Print quality	Function
High-speed	Print using high speed mode
High-quality	Print using high quality mode

ICM Method

ICM Method	Function	
ICM Disabled	Synchronized with "Color Adjustment Disabled" in the 2.2.4 Option.	
ICM Handled by Host System	Synchronized with "Color Adjustment ICM" in the 2.2.4 Option.	
	Manage colors using the driver.	
ICM Handled by Printer	When this item has been selected, operation is the same as "ICM Handled by	
	Host System".	

ICM Intent

Set the rendering method when using ICM. For the ICC profile, always set to "Picture". Do not use other settings.

Advanced Printing Features

Always set Enable. Do not use other settings.

Border

Synchronized with Border in the Option.

Overcoat Finish

Set the overcoat finish method for the surface of printed items from the following two types.

Overcoat Finish	Function
Glossy	Create an item with a glossy finish.
Matte	Create an item with a matte finish.

Print Re-try

Specify whether to print data in the printer buffer after a printer error has been cleared.

Print Re-try	Function
Disable	Clear the print data in the printer buffer when a printer error occurs.
	You must send the cleared print data again after the error is cleared.
	When you use an application with an error recovery function, select this option.
Enable	Save print data in the printer buffer when an error occurs.
	The printing process is restarted from the saved data after the error is cleared.
	Note that if the power is switched off, the data is not saved.

Depending on the content of the printer error, it may be necessary to restart the printer to clear the error. In such cases, the print data in the printer buffer is cleared regardless of the Print Re-try setting.

Error content	When Print Po try is displied	
	When Print Re-try is disabled	When Print Re-try is enabled
Paper end	You must send the unprinted image	The printing process is restarted from
Ribbon end	data again after the error is cleared.	the data saved in the printer buffer after
Cover open		the error is cleared.
Paper jam (*1)		When the paper initialization operation
Ribbon error (*1)		is to be carried out, printing occurs
Paper setting error		afterwards.
Data error	Because the printer must be switched	Because the printer must be switched
Head voltage error	on and off to clear the error, the print	on and off to clear the error, the print
Head position error	data in the printer buffer is cleared	data in the printer buffer is cleared by
Power supply fan stopped	regardless of the Print Re-try setting.	switching the printer off, even when the
Cutter error		Print Re-try setting is Enabled.
Head temperature error	After the printer has restarted, you must	
Media temperature error	send the unprinted image data again.	After the printer has restarted, you must
RFID module error		send the unprinted image data again.
System error		

The following section shows the operation for each Print Re-try setting by error.

*1: After the printer stops due to an error, follow the user's manual of the printer to eliminate the cause of the paper or ribbon error.

2inch cut

Specify whether to cut paper into multiple sheets with a 2-inch length when you use a specified paper size.

2inch cut	Function
Disable	Cut at the normal size.
Enable	Cut at 2-inch lengths so that the 6 x 4 size becomes two sheets and the 6 x 8 size
	becomes four sheets.

< Multiple layout >

When 5 x 7 or 6 x 8 media is used, you can use a two-picture layout. You can enable multiple layout settings by setting the paper size of the printer driver. The following section shows the image sizes.

yout settings			
Driver paper size setting	Paper direction	Paper size length x height (mm)	Media used
(5x3.5) x 2	Vertical	(131.1x 92.1) x 2	5x7
(5x3.5) x N	Horizontal	(92.1x131.1) x 2	
PR (3.5x5) x 2	Vertical	(92.1x131.1) x 2	5x7
PR (3.5x5) x N	Horizontal	(131.1x 92.1) x 2	
(6x4) x 2	Vertical	(156.1x105.0) x 2	6x8
(6x4) x N	Horizontal	(105.0x156.1) x 2	
PR (4x6) x 2	Vertical	(105.0x156.1) x 2	6x8
PR (4x6) x N	Horizontal	(156.1x105.0) x 2	

Multiple layout is carried out under the following conditions.

- 1. Set 5 x 7 or 6 x 8 size media in the printer.
- 2. Set the paper size of the printer driver to one of the abovementioned paper sizes.
- 3. From the application, send multiple images.
- Note) Because they are carried out by the print job, multiple layout are carried out when there are multiple images in a single job.

If you want to layout the same image, send the same number of images as the number-of-sheets setting. The printer handles two pictures at one time and cuts the paper after it is ejected.

Same-size images on one sheet Layout of 2 pictures: set x 2



Cut when paper is ejected

< Paper size (6x4) x N setting >

If you set the paper size setting to $(6 \times 4) \times N$ when printing 6×4 size to 6×8 size media, printing is optimized to reduce consumption of the ribbon. Furthermore, if you set the paper size setting to $(5x3.5) \times N$ when printing 5×3.5 size to 5×7 size media, printing is similarly optimized to reduce consumption of the ribbon.

The above operation applies only to the DP-DS620. When (6x4)xN is selected with the DP-DS620 (A), printing is performed the same as for (6x4)x2 without rewinding the ribbon. The same applies for (5x3.5)x2 even if (5x3.5)xN is selected.

The following section shows the differences in ribbon consumption when (6x4), $(6x4) \times 2$, or $(6x4) \times N$ is specified for the paper size setting.

the paper size setting.	(6x4)	(6x4) x 2	(6x4) x N
When printing one sheet at 6 x 4 size once	Not used	Not used	Used for the next printing *After printing, the ribbon is
			rewound and adjusted to the next print position.
When printing one sheet at 6 x 4 size twice			
	Not used		*After the first sheet is printed, the ribbon is rewound, and the second sheet is printed.
When printing two sheets at 6 x 4 size once	Not used		
	Not used	*Two sheets are printed at the same time in a multiple layout.	*Two sheets are printed at the same time in a multiple layout.
When printing one 6 x 4 size sheet once, and then printing two 6 x 4 size sheets once	Not used		
	Not used	*For the second and third sheets,	Used for the next printing
	Not used	two sheets are printed at the same time in a multiple layout.	*After the first sheet is printed, the ribbon is rewound, and the second and following sheets are printed. Furthermore, after the third sheet is printed, the ribbon is rewound and adjusted to the next print position.

< Application usage example >

This usage example uses Windows Explorer.

Step 1. In Windows Explorer, select two or more pictures. Next, select "File", and then click "Print".



Step 2. Click "Printing Preferences".

Step 3. Set the Orientation to "Portrait", and click "Advanced".

ayout Paper/Quality Opt	tion Color Adjustment Printer Info	
Orientation		
Portrait		
○ Landscape	-	
Page Order		
• Front to Back	=	
OBack to Front		
Pages Per Sheet: 1		
)
	Advanced	

Step 4. Set the paper size to the setting of the multi-page layout.

Click OK twice to close the dialog boxes in Step 4 and 3.



Step 5. Click "Next".

h Photo Printing Wizard	×
Printing Options Select the printer and paper you want to use.	
What printer do you want to use? DP-DS620 Ingtall Printer	
Your prints will look best if you select the correct paper before printing. To select paper, click Printing Preferences Printing Preferences Currently selected paper: Plain Paper	
	ancel

Step 6. Click "Next".



2.2.3 Paper/Quality

DP-DS620 Printing Preferences	? 🛛
Layout Paper/Quality Option Color Adjustment Printer Info	
Color	
Blagk & White 📑 💿 Color	
Advanced	
OK Cancel	<u>Ápply</u>

Figure 2.2.3 Paper/Quality tab

Color Set Color. Do not use Black & White.

2.2.4 Option

	g Preferences	? 🛛		🚴 DP-DS620 Printing	
Layout Paper/Quality	Option Color Adjustment Printer Info			Layout Paper/Quality	Option Color Adjust
Border				🔲 Border	
Sharpness(<u>H</u>) :	0 (Default)	~		Sharpness(<u>H</u>) :	0 (Default)
Color Adjustment				- Color Adjustment	-2 (Blur More) -1 (Blur)
○ None(N)	O Handled by Driver(D		◯ None(Ŋ)	0 (Default) +1 (Soft)
d())	OICM & Driver(M)			⊙ ICM()	+2 +3
):	English	~		Language(L) :	+4 (Normal) +5 +6
About(B)	٦			About(B)	+7 +8 (Hard)

Figure 2.2.4.1 Option tab

Figure 2.2.4.2 Sharpness setting

ment Printer Info

Border

Specify a border for printing. (Select the check box for a border.) Synchronized with Border Enable/Disable in the Advanced settings.

Default(D)

Appl

OK Cancel

Sharpness

Process sharpness using one of the 11 stages (Figure 2.2.4.2). If the setting is "0 (Default)", sharpness is not processed.

Moving to the minus (-) side blurs the image and moving to the plus (+) side sharpens the image.

Color Adjustment

None

Synchronized with the ICM method in the Advanced settings. If this check box is selected, ICM is disabled, the Color adjustment tab is also disabled, and the printer driver does not carry out color adjustment.

Handled by Driver

If this check box is selected, ICM is disabled, and the 2.2.5 Color Adjustment is enabled. The result is applied to the adjustment values of the following items: Gamma, Brightness, Contrast, and Chroma.

ICM

Synchronized with the ICM method of the Advanced settings (ICM processing by host system). If this check box is selected, the driver manages colors.

ICM & Driver

If this check box is selected, ICM (color management) and the 2.2.5 Color Adjustment are enabled.

Language

Change the display language for the following items: Advanced options-Printer functions, Option, Color Adjustment, and Printer Info.

The selected language is enabled the next time the print settings are displayed.

[Available languages]

- Japanese
- English (US)
- French (France)
- German (Germany)
- Russian (Russia)
- · Spanish (Spain)
- Korean
- Chinese (People's Republic of China)
- · Chinese (Taiwan)

When your operating system environment corresponds with one of the above settings, the default display language is the language of the corresponding country.

Furthermore, when your operating system environment does not correspond with one of the above settings, the default display language is English.

To use a language different from that of your operating system, you must install the following font for the corresponding language.

Language	Font
Japanese	MS UI Gothic
English (US)	Arial
French (France)	Arial
German (Germany)	Arial
Russian (Russia)	Arial
Spanish (Spain)	Arial
Korean	Gulim (굴림)
Chinese (People's Republic of China)	SimSun(宋体)
Chinese (Taiwan)	MingLiU(新細明體)

About

Show the driver version.

2.2.5 Color Adjustment

If the Handheld by Driver Check box is selected in the 2.2.4 Option, the adjustment values of the Color Adjustment tab are applied to the image.

P-DS620 Printing Prefe		
yout Paper/Quality Option	Color Adjustment Printer Info	
Sample Picture		
	West -	
201	5-18 (AA)	
	150	1 A A A
		A STATING
Gamma	Brightness	Contrast
R: 🔂 0 📚	R: 🕂 0 📚	R:
6:	6:	G:
		innound
hunun	initial a set	
🗹 Sync	Sync 🗹	🗹 Sync
Chroma		
	0 🗘	
-		
		Default(D)
		Load(L)
		Save(<u>S</u>)
		Save(5)
	OK	Cancel Apply

Figure 2.2.5 Color Adjustment tab

The following section shows the setting ranges on the Color Adjustment tab.

Adjustment item	Adjustment value
Gamma	 -100 (dark) to 100 (bright) ("0" results in no adjustment, γ2.0 to 0.5) Adjust the density of the half-tone section of the image. Increasing the gamma value brightens the half-tone section. Sync check box ON: Set RGB to same value. OFF: Set RGB to different value.
Brightness	-100 (dark) to 100 (bright) ("0" results in no adjustment) Adjust the brightness of the image. Increasing the brightness value brightens the entire image. Sync check box ON: Set RGB to same value. OFF: Set RGB to different value.
Contrast	-100 (weak) to 100 (strong) ("0" results in no adjustment) Adjust the contrast of the image. Increasing the contrast value increases the difference of brightness and darkness. Sync check box ON: Set RGB to same value. OFF: Set RGB to different value.
Chroma	-100 (weak) to 100 (strong) ("0" results in no adjustment) Adjust the chroma of the image.

2.2.6 Printer Information

View the printer information.

💩 DP-DS620 Printing Pr	references		? 🛛	$\mathbf{\overline{X}}$	🍓 DP-DS620 F	Printing Prefer	ences		? 🛛
Layout Paper/Quality Opt	tion Color Adjustment Prin	nter Info			Layout Paper/	/Quality Option	Color Adjustment P	rinter Info	
- Media Info 6x8in	200 / 200 Sheets	s (400 Sheets : 6x4in) 50%	100%		- Media Info		/ Shee	ts 50%	100%
Printer Status	Waiting				- Printer Stat	Wai		e has been loaded	**
Total Count 12644 Serial No. DP-DS620 CS068	Firmware Vers DS620 00.33	ion			Total Coun Serial No DP-DS620	12871	Firmware Ver DS620 00.33		
Color Control Data					- Color Cont	trol Data			
Version DS	\$620_300_0012.CWD	Checksum	2888		Version	DS620_	_300_0012.CWD	Checksum	2888
600dpi Version DS	8620_600_0012.CWD	Checksum	FCC9		600dpi- Version	D8620_	_600_0012.CWD	Checksum	FCC9
Low Speed Version DS	8620_610_0012.CWD	Checksum	5444		Low Spe Version		_610_0012.CWD	Checksum	5444
			Update(U)						Update(U)
		OK Cano	el Apply					ОК	Cancel Apply

Figure 2.2.6.1 Printer Info tab

Figure 2.2.6.2 Display when incorrect media is loaded

The following section shows the information displayed in the Printer Info tab.

Display item	Display details							
Media Info		This area shows, for example, the size and remaining number of printable sheets for the						
		ribbon media in the printer.						
		* Media information is not displayed when a media type not supported by the printer has						
		been loaded. (Figure 2.2.6.2)						
Printer Status	Displays the statu	us of the printer using	g icons and characters.					
	Display icon (Color)	Display characters	Status/Response					
		Waiting	Printing is possible.					
	(Green)							
		Printing	The printer is printing.					
	(Blue)							
		Door open	Front door is open. Close the front door.					
	(Yellow)							
		Ribbon end	No ribbon remains. Load new media. (Replace the paper and ribbon as a set.)					
	(Yellow)	Paper end	No paper remains. Load new media. (Replace the paper and ribbon as a set.)					

Display item	Display details					
	Display icon (Color)	Display characters	Status/Response			
	0	Offline	The printer cannot be recognized. Connect the printer and computer, and then turn on the power.			
	(Gray)	Cooling head	The head is being cooled. Please wait a while. Printing will resume automatically.			
	() dipie)	Ribbon error	The ribbon is not set correctly. Reload the ribbon properly.			
	(Orange)	Paper size setting error	The printer settings and size of the installed ribbon do not match. Check the paper size setting and ribbon size.			
	(Orange)	Paper jam	A paper jam was detected. Remove the paper and reload it properly.			
	(Red)	System error	System error. Restart the printer and computer. If the printer does not recover after the restart, contact the service center.			
			en a media type not supported by the printer has been			
Total Count			other than 6x4 or 5x3.5 size will count as two sheets).			
Firmware Version	Version of the control program of the printer. xx.xx indicates the version. • DS620A xx.xx (For the United States)					
Serial No.	• DS620 xx.xx (For other countries) Serial number of the printer.					
Color Control Data	Printer color cor					

2.3 Default values for settings

The following section shows the default values of the settings (at installation). If the settings have been changed, and the printer driver no longer operates normally, return to the default values shown below.

Note) Depending on the service pack of your operating system or your usage environment, the default values at installation may differ from those in the chart below.

Tab		Setting		Value
	Orientation	Portrait		
Layout	Page Order			Front to Back
	Pages Per Sheet			1
Paper/Quality	Color			Color
	Border			Disable
Option	Sharpness			0 (Default)
Option	Color Adjustment			ICM
	Language setting			English
	Gamma	0		
Color Adjustment	Brightness	0		
	Contrast	0		
	Chroma	0		
	Deper/Output	Paper Size		(6x4)x N
	Paper/Output	Copy Count		1
		Print Quality		High-speed
Advanced	Graphic	Image color	ICM Method	ICM Handled by Host System
settings (In the Layout tab,		management	ICM Intent	Pictures
click Advanced)		Advanced Printing	y Features	Enable
	Document		Border	Disable
	options	Printer function	Overcoat Finish	Glossy
	001010	Finiter function	Print Re-try	Enable
			2inch cut	Disable

Chart 2.3 Default print settings

2.4 Color management

Use Color management to specify the color profile. The installer associates "DS620-R0" by default.

DP-DS620 P	roperties		? 🔀
General	Sharing	Ports	Advanced
Color N	Management	Devi	ce Settings
🛕 printer.	settings let you associal Color profiles control the media being used and t Windows will automatic	e color on your pr the printer configu	inter based on the uration.
O Añromanc: Añromanc:	the list of associated c		
<u>○ M</u> anual:	Manually select the de this device from the list		
	Default color profile:	DS620-R0	
	currently associated with	this printer:	
DS620-R0			
		File that the ir	nstaller associates
			~
	Add <u>B</u> e	emove	<u>S</u> et As Default
	ОК	Canc	el <u>A</u> pply

Step 1. From the Printer Properties, select the Color management tab.

Figure 2.4 Color management tab

2.5 Print Area

Deper eize	Orientation		e size (height)	Number of image dots (width x height)		
Paper size	Onentation	(inch)	(mm)	High-speed (300x300 dpi)	High-quality (600x600 dpi)*1	
(5x3.5)	Portrait	5" x 3.5"	131.1 x 92.1	1548 x 1088	3096 x 2176	
(5x3.5) x 2 (5x3.5) x N	Landscape	3.5" x 5"	92.1 x 131.1	1088 x 1548	2176 x 3096	
(5x5)	Portrait	5" x 5"	131,1 x 130,4	1548 x 1540	3096 x 3080	
(3,3)	Landscape	5" x 5"	130,4 x 131,1	1540 x 1548	3080 x 3096	
(6x4) (6x4) x 2	Portrait	6" x 4"	156.1 x 105.0	1844 x 1240	3688 x 2480	
(6x4) x 2 (6x4) x N	Landscape	4" x 6"	105.0 x 156.1	1240 x 1844	2480 x 3688	
(6x6)	Portrait	6" x 6"	156.1 x 155.4	1844 x 1836	3688 x 3672	
(0x0)	Landscape	6" x 6"	155.4 x 156.1	1836 x 1844	3672 x 3688	
(5x7)	Portrait	5" x 7"	131.1 x 181.0	1548 x 2138	3096 x 4276	
(577)	Landscape	7" x 5"	181.0 x 131.1	2138 x 1548	4276 x 3096	
(6x8)	Portrait	6" x 8"	156.1 x 206.2	1844 x 2436	3688 x 4872	
(0.8)	Landscape	8" x 6"	206.2 x 156.1	2436 x 1844	4872 x 3688	
PR (3.5 x 5)	Portrait	3.5" x 5"	92.1 x 131.1	1088 x 1548	2176 x 3096	
PR (3.5x5) x 2 PR (3.5x5) x N	Landscape	5" x 3.5"	131.1 x 92.1	1548 x 1088	3096 x 2176	
PR (4x6) PR (4x6) x 2	Portrait	4" x 6"	105.0 x 156.1	1240 x 1844	2480 x 3688	
PR (4x6) x N	Landscape	6" x 4"	156.1 x 105.0	1844 x 1240	3688 x 2480	

The following section shows the image sizes and numbers of dots generated by the paper size setting of the driver.

*1: Convert to 300 x 600 dpi size within the driver, and then send to the printer.

2.6 Orientation

The following chart shows the relationship of images generated by an application and printed items (output direction) according to the orientation setting. Generated images are not the original image rotated by the application but are zoomed to fit within the sizes is shown in "2.5 Print Area".

Original	Driver setting						
image	Orientation	Paper setting					
		(5x3.5)		PR (3.5x5)		(5x7)	
		(5x3.5)x 2		PR (3.5x5) x 2	2	(6x8)	
		(5x3.5) x N		PR (3.5x5) x N	1		
		(5x5)		PR (4x6)			
		(6x4)		PR (4x6) x 2			
		(6x4) x 2		PR (4x6) x N			
		(6x4) x N					
		(6x6)					
		Generated	Printed item	Generated	Printed item	Generated	Printed item
		image	(Output	image	(Output	image	(Output
		inage	orientation ↓)	inage	orientation ↓)	inage	orientation ↓)
	Portrait						
						214	
2K	Landscape			\mathbf{R}	X	S	
	Portrait	, putinger					
	Landscape		変換に発売し				a martin and

Chapter 3 Update the driver

As when performing the installation, log in as an administrator before carrying out this operation.

1. Delete the driver

1) Before deleting the printer driver, close all applications. In addition, double click the icon of the printer you want to delete, make sure that there are no documents in the queue, and then start the deletion of the driver.



us Owner
>

2) From the Printers and Faxes screen, select the DP-DS620 printer. Click File, and then click Delete. When asked if you want to delete the printer "DP-DS 620", select Yes to delete the printer.

🗞 Printers and Faxes	
File Edit View Favorites Tools Help	<u>**</u>
Open 🕞 Search 🅞 Folders	
Printing Preferences	
Pause Printing	💙 ラ Go
Sharing Use Printer Offline	
Add Printer	
Server Properties Set Up Faxing	
Create Shortcut	
Delete	
Rename Properties	
Close	
Other Places	
Control Panel	
My Documents	
😬 My Pictures	
S My Computer	
Details 🛛 👻	

Printers	
2	Are you sure you want to delete the printer 'DP-DS620'?
	<u>Yes</u> <u>N</u> o

3) After the DP-DS620 printer has been deleted, similarly select File, and then Server Properties. The Print Server Properties dialog box appears. Select the Driver tab. If you select the DP-DS620 driver and then select "<u>Remove</u>", a confirmation screen appears. If you click "<u>Y</u>es", the driver is deleted. After deletion, restart the computer.



Note) If the following error message appears when you try to delete the printer driver, restart the computer. After the computer restarts, try to delete the printer driver again.



2. Install an upgrade for the printer driver

After deleting the printer and the printer driver, install the new printer driver. For the installation procedure, see "Chapter 1 Installation". If the following figure appears during installation, check the Version section, select the most recent version, and then click Next.

Found New Hardware Wizard	
Please select the best match for your hardware from the list below.	E
DP-DS620	
Description Version Manufacturer Location	
DP-DS620 1.0.0.0 Dai Nippon Printing d:\windows\inf\oem15.inf	
DP-DS620 1.1.0.0 Dai Nippon Printing d:\documents and settings\nagar	۲o
	>
This driver is not digitally signed! <u>Tell me why driver signing is important</u>	
< <u>B</u> ack Next>	ancel

3. Restart the computer

After the installation of the printer driver is complete, always restart the computer. (Do not print just after installation. Always restart the computer once.)

Chapter 4 Delete the driver

For the procedure to delete the printer driver, see Chapter 3, "1. Delete the driver".

Dai Nippon Printing Co., Ltd.