

# DIGITAL PHOTO PRINTER DP-DS620 (A)

Printer Driver User's Manual

For Windows Vista

Dai Nippon Printing Co., Ltd.

November 20, 2014 Ver. 1.0.0.0

#### 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)

### Table of contents

Chapter 1 Installation	1
1.1 Prepare the printer and computer	1
1.2 Found New Hardware Wizard	
1.3 Install using "Add a Printer"	
Chapter 2 Properties	12
2.1 Open the printer properties	
2.2 Print settings functions	
2.2.1 Layout	14
2.2.2 Advanced options	
2.2.3 Paper/Quality	20
2.2.5 Color Adjustment	22
2.2.6 Printer Information	23
2.3 Default values for settings	25
2.4 Color management	26
2.5 Print Area	27
2.6 Print Orientation	28
Chapter 3 Update the driver	29
Chapter 4 Delete the driver	35

_ 1	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, Paper options, 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.

Note) Do not insert the included CD at this time.

Log in as an administrator. The following explanation presumes that the operations are carried out with administrator privileges.

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

The Found New Hardware Wizard starts. Click "Locate and install driver software (recommended)".

Windows needs to install driver software for your Dai
Nippon Printing DP-DS620
Cocate and install driver software (recommended) Windows will guide you through the process of installing driver software for your device.
Ask me again later Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device Your device will not function until you install driver software.
Cancel

Figure 1.1 Found New Hardware Wizard

Note) A User Account Control dialog box appears stating "Windows needs your permission to continue". Click Continue.

A screen appears requesting Insert the disc that came with your Dai Nippon Printing DP-DS620. Click "I don't have the disc. Show me other options".

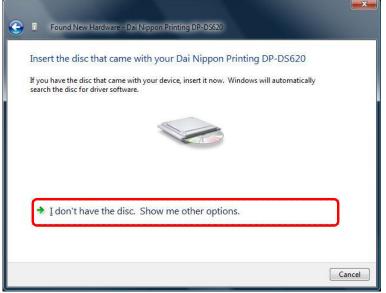


Figure 1.2 Insert the disc

The Windows couldn't find driver software for your device screen appears. Click "Browse my computer for driver software (advanced)".

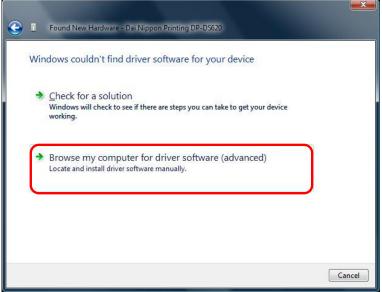


Figure 1.3 Windows couldn't find driver software for your device screen

Note) Insert the included CD now.

The Browse for driver software on your computer screen appears. Click "Browse", select the installation location, and then click "Next".

Found New Hardware - Dai Nippon Printing DP-DS620	
Browse for driver software on your computer	
Search for driver software in this location:	
I:¥DP-DS620_Driver¥Vista	B <u>r</u> owse
	Next Cancel

Figure 1.4 Setting the location for the driver software

A Windows Security confirmation screen appears. Click "Install this driver software anyway".



Figure 1.5 Windows Security confirmation screen

The driver software is installed.

"The software for this device has been successfully installed" screen appears. Click "Close". The wizard closes.

Found New Hardware - DP-DS620	
The software for this device has been successfully installed	
Windows has finished installing the driver software for this device:	
DP-DS620	
	Close

Figure 1.6 Installation Complete screen

Click "Start", and then click "Control Panel" to open the Control Panel. In Control Panel, click "Printer".



Figure 1.7 Control Panel

In Printers, make sure that "DP-DS620" is present. This completes installation of the DP-DS620 printer driver.

Hardware an	M		✓ 4 <sub>7</sub> Se	arch	Q
🖣 Organize 🔻 🚆 Views 🤻		10-10-10-10-10-10-10-10-10-10-10-10-10-1	atus Cor	nments Location	? »
Favorite Links Documents Fictures Music More >>	DP-DS 0 Ready		ł	Fax 0 Ready	~
Folders V					

Figure 1.8 Printers

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 "Control Panel" to open the Control Panel. In Control Panel, click "Printer".

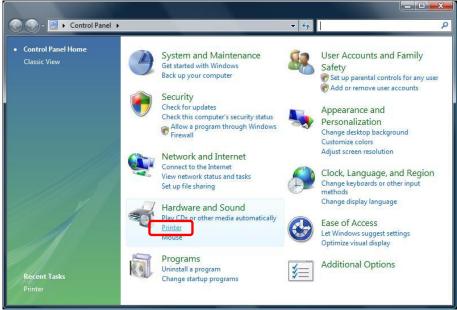


Figure 1.9 Control Panel

From the top menu bar of Printers, click "Add al Printer".

🛛 🔾 🗢 🍓 « Hardware an	d Sound 🕨 Printers	✓ 4 Search	Q
🕒 Organize 👻 🚆 Views 🤜	🔒 Add a printer	]	2
Favorite Links Documents Pictures Music More >> Folders ✓ Desktop		Start the Add Printer Wizard, which hts helps you install a printer. Writer 0	Location » ft XPS Document

Figure 1.10 Printers

The Choose a local or network printer screen appears. Select "Add a local printer", and then click "Next".

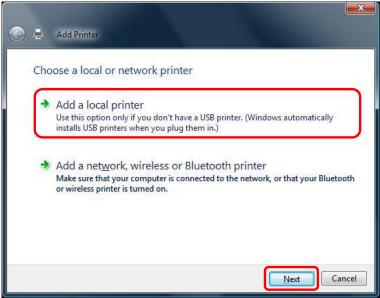


Figure 1.11 Choose a local or network printer screen

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

Choose a printer po	rt	
A printer port is a type of con printer.	nnection that allows your computer t	o exchange information with a
Use an existing port:	USB001 (Virtual printer port for	USB)
Create a new port:	12	
Type of port:	Local Port	

Figure 1.12 Choose a printer port screen

The Install the printer driver screen appears. Click "Have Disk...".

install the printer	driver
	facturer and model of your printer. If your printer came with an installation
disk, click Have compatible printe	Disk. If your printer is not listed, consult your printer documentation for er software.
Manufacturer	Printers
Apollo	Apollo P-1200
D at	Apollo P2100/P2300U
Brother	
Canon Citizen	Apollo P2200

Figure 1.13 Install the printer driver screen

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

Install From	n Disk	x
-	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from: 1:¥DP-DS620_Driver¥Vista	▼ <u>B</u> rowse

Figure 1.14 Install From Disk screen

Make sure that "DP-DS620" appears in the Install the printer driver screen, and then click "Next".

t a llate of the difference	
Install the printer driver	
	of your printer. If your printer came with an installation r is not listed, consult your printer documentation for
Printers	
Printers DP-DS620	
	! <u>Wi</u> ndows Update <u>H</u> ave Disk

Figure 1.15 Install the (DP-DS620) printer driver screen

The Type a printer name screen appears. Configure the printer name. Furthermore, if you want to set this printer as the default printer, select "Set as the <u>default printer</u>" check box, and then click "<u>N</u>ext".

🚱 🖶 Add Prir	nter	×
Type a prin Printer name:	ter name	
This printer will b	Set as the default printer	
		Next Cancel

Figure 1.16 Type a printer name screen

- Note) The installation starts, but a User Account Control dialog box appears stating "Windows needs your permission to continue". Click Continue.
- A Windows Security confirmation screen appears. Click "Install this driver software anyway".



Figure 1.17 Windows Security confirmation screen

The You've successfully added DP-DS620 screen appears. Click Finish.

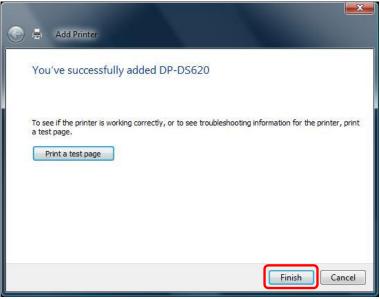


Figure 1.18 You've successfully added DP-DS620 screen

In Printers, make sure that "DP-DS620" is present. This completes installation of the DP-DS620 printer driver.

				l	
🕞 🕞 🗸 🍓 « Hardware an	nd Sound 🕨 Printers	• \$ <sub>7</sub>	Search		Q
🌗 Organize 👻 🚆 Views 🥆	🖌 🖶 Add a printer				0
Favorite Links  Folders  Folders	Name Documents DP-DS620 0 Ready Wirer 0 0 0 0 0 0 0 0 0 0 0 0 0	đ	Comments Fax 0 Ready	Location	»

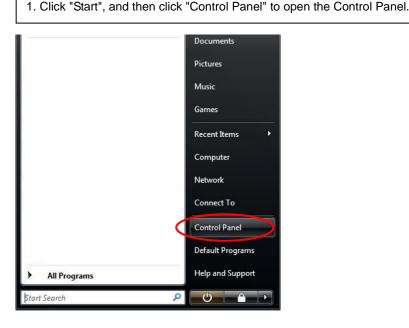
Figure 1.19 Printers

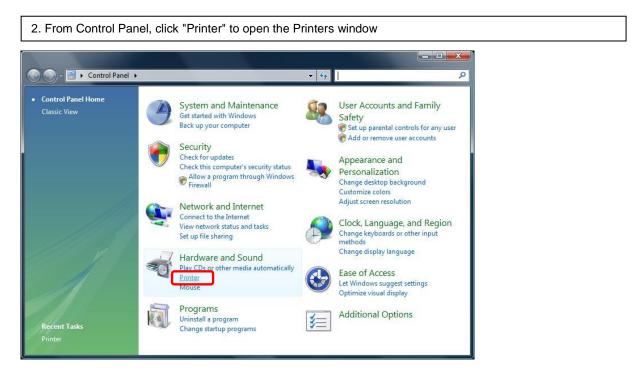
After the installation of the printer driver is complete, always restart the computer.

# Chapter 2 Properties

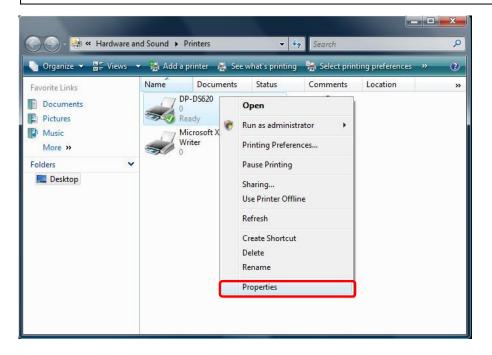
You can configure various printer settings from the Properties of the DP-DS620 driver. Make sure you understand the contents well before changing settings. To use the properties, log in as an administrator. Depending on the application you are using, you must perform this operation from the print settings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

## 2.1 Open the printer properties





3. Right click the DP-DS620 icon. From the menu, click "Properties" to open the Properties dialog box.



4. The DP-DS620 Properties screen appears.

Color Manageme	ent	Security	Device Settings
General	Sharing	Ports	Advanced
DP-D	S620		
ocation:			
omment:			
	5620		
Model: DP-D	S620		
lodel: DP-D: Features Color: Yes	S620	Paper available:	le:
Features Color: Yes Double-sided: No	5620	Paper available	
Features Color: Yes Double-sided: No Staple: No	5620	Paper available.	
Features Color: Yes Double-sided: No		Paper available	

## 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

Layed Paper/Quality Option Color Adjustment, Printer Info Orientation: Page Order: Page Order: Page Speet 1 • Drgwr Bordens Adjuanced	DP-DS620 Printing Preferences	
▲ Fournat     ▼       Page Order:     ▼       Front to Back     ▼       Page format     ▼       Page format     ●       Page format     ●       Daw Borders     ■	Layout Paper/Quality Option Color	Adjustment Printer Info
Page Order: Front to Back Page format Page per Sheet 1 Drgw Borders	Orientation:	
Page Order: Front to Back Page format Page per Sheet 1 Drgw Borders	A Portrait	
Front to Back Page Format Page per Sheet Drgw Bordera		
Pages Format Pages per Sheet Draw Borders		
Pages per Sheet 1  Drgw Borders		=
Digw Borden		
=		
(Advanced)	U Draw Borders	
Advanced)		
Ad <u>vanced</u>		
(Adganced)		
Advanced)		
(Advanced)		
Advanced		
		Advanced
OK Cancel Apply		OK Cancel Apply

Figure 2.2.1 Lavout tab

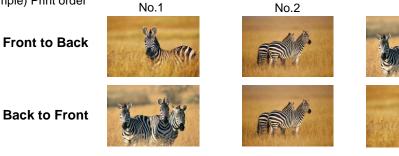
#### Orientation

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. Example) Print order

Front to Back



#### Pages per Sheet

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

Example) Division size



No.3

#### 2.2.2 Advanced options

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

Orientation:	or Adjustment Printer Info
A Portrait	
Page Order:	
Front to Back 🔹	
Page Format	=
Pages per Sheet 1 -	
Draw Borders	
	Time .
	Adyanced

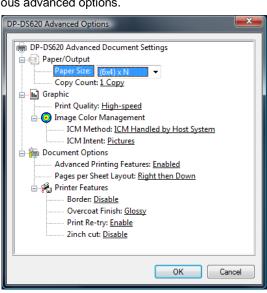


Figure 2.2.2.2 Advanced options tab

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 2.2.4 Option.
ICM Handled by Host System	Synchronized with "Color Adjustment ICM" in 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 "Pictures". Do not use other settings.

#### **Advanced Printing Features**

Always set Enable. Do not use other settings.

#### Pages per Sheet Layout

Set the layout direction of an image when the Pages per Sheet setting is set for multiple divisions.

#### 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.

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

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

\*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.

Layout	settings

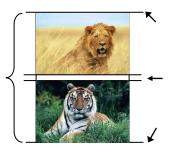
Driver paper size setting	Paper direction	Paper size length x height (mm)	Media used
(5x3.5) x 2	Vertical	(131.1x 92.1) x 2	5x7
(5x3.5) x N	Horizontal	(92.1x131.1) x 2	
PR (3.5x5) x 2	Vertical	(92.1x131.1) x 2	5x7
PR (3.5x5) x N	Horizontal	(131.1x 92.1) x 2	
(6x4) x 2	Vertical	(156.1x105.0) x 2	6x8
(6x4)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



Cut when paper is ejected

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

#### < Paper size (6x4) x N setting >

If you set the paper size setting to  $(6 \times 4) \times N$  when printing  $6 \times 4$  size to  $6 \times 8$  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  $5 \times 3.5$  size to  $5 \times 7$  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.

	(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 $6 \times 4$ size sheet once, and then printing two $6 \times 4$ size sheets once	Not used		
	Not used		Used for the next printing
	Not used	*For the second and third sheets, 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.

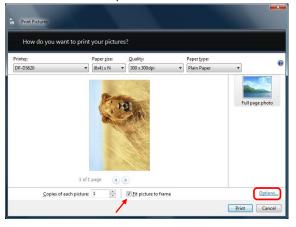
#### < Application usage example >

This usage example uses Windows Explorer.

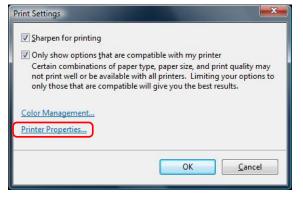
Step 1. In Windows Explorer, select two or more pictures. Next, click "Print".



Step 2. Select the Fit picture to frame check box, and then click "Options".



Step 3. Click "Printer Properties".

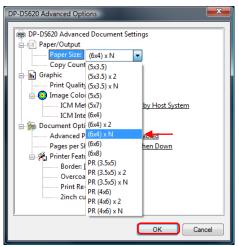


#### Step 4. Set the Orientation to "Portrait", and click "Advanced...".

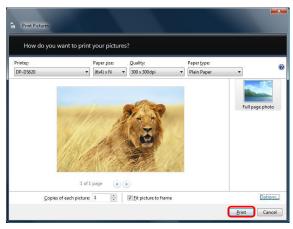
Orientation:	-		
Page Order:			
Front to Back	•		
Page Format		=	
Pages per Sheet	1 💌		
Draw Borders			
		=	
		L	
			vanced
			iganced

Step 5. Set the paper size to the setting of the multiple layout.

Click OK twice to close the dialog boxes in Step 5 and 4.



Step 6. Click "Print".



#### 2.2.3 Paper/Quality

-	DP-DS620 Printing Preferences	×
ſ	Layout Paper/Quality Option Color Adjustment Printer Info	
	Color	
	Black & White Color	
	Ad <u>v</u> anced	
	OK Cancel	pply

Figure 2.2.3 Paper/Quality tab

**Color** Set Color. Do not use black and white.

#### 2.2.4 Option

Border	12				🕅 Border	×.
Sharpness( <u>H</u> ) :	0 (Default)		•		Sharpness( <u>H</u> ) :	0 (Default)
Color Adjustment		) Handled by Driver(]			Color Adjustment	-2 (Blur More) -1 (Blur) 0 (Default) +1 (Soft)
ICM()		O ICM & Driver(M)			ICM(I)	+2 +3
Language( <u>L</u> ) :	English		•		Language( <u>L</u> ) :	+4 (Normal) +5 +6 - +7
About( <u>B</u> )					About(B)	+7 +8 (Hard)

Figure 2.2.4.1 Option tab

 OK
 Cancel
 Appl

 Figure 2.2.4.2 Sharpness setting

#### Border

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

Default(<u>D</u>)

#### 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 Handled 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	Meiryo (メイリオ)
English (US)	Segoe UI
French (France)	Segoe UI
German (Germany)	Segoe UI
Russian (Russia)	Segoe UI
Spanish (Spain)	Segoe UI
Korean	Malgun Gothic ( 맑은 고딕)
Chinese (People's Republic of China)	Microsoft YaHei(微软雅黑)
Chinese (Taiwan)	Microsoft JhengHei(微軟正黑體)

#### About

Show the driver version.

#### 2.2.5 Color Adjustment

If the Handled 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.

yout Paper/Quality Option	Color Adjustment Printer Info	
Sample Picture		
Gamma R: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Brightness R: 0 *	Contrast R: 0 G: 0
B: 0	B: 0 🐳	B: 0 *
V Sync	Sync 🖉	V Sync
Chroma	0	Default( <u>D</u> )
		Load(L)
		Save(S)

Figure 2.2.5 Color Adjustment tab

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

Adjustment item	Adjustment value
Gamma	<ul> <li>-100 (dark) to 100 (bright) ("0" results in no adjustment, γ2.0 to 0.5)</li> <li>Adjust the density of the half-tone section of the image. Increasing the gamma value brightens the half-tone section.</li> <li>Sync check box</li> <li>ON: Set RGB to same value.</li> <li>OFF: Set RGB to different value.</li> </ul>
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.

	y Option Color Adjustment	Finiter mio							Printer Info	
ledia Info	200 / 200 01					Media Info				
6x8in	200 / 200 She	ets ( 400 Sheets : 6x4ir	n )					/ She	ets	
0X0III										
	0%	50%	100%	6			0%		50%	100%
rinter Status						Printer Status				
$\sim$	Waiting						Waitin	q		
	_							-		
							<< Inco	rrect media ty	pe has been loaded	. >>
otal Count	- Firmware Ve	rsion				Total Count		- Firmware Ve	rsion	
otal Count 12644						Total Count		Firmware Ve DS620 00.33		
12644						12871				
12644 erial No.	DS620 00.33					12871 Serial No.				
12644	DS620 00.33					12871				
12644 erial No. IP-DS620 CS068 olor Control Da	DS620 00.33					12871 Serial No. DP-DS620 CS068 Color Control Data				
12644 erial No. IP-DS620 CS068 olor Control Da 300dpi	DS620 00.33					12871 Serial No. DP-DS620 CS068 Color Control Data 300dpi		DS620 00.33		
12644 erial No. IP-DS620 CS068 olor Control Da	DS620 00.33		2888			12871 Serial No. DP-DS620 CS068 Color Control Data	DS620_300.	DS620 00.33		2888
12644 erial No. IP-DS620 CS068 olor Control Da 300dpi	DS620 00.33		2868			12871 Serial No. DP-DS620 CS068 Color Control Data 300dpi		DS620 00.33		2888
12644 erial No. IP-DS620 CS068 olor Control Da 300dpi Version	DS620 00.33		2888 FCC9			12871 Serial No. DP-D5620 CS068 Color Control Data 300dpi Version		DS620 00.33		2888 FCC9
12644 erial No. IP-DS620 CS068 olor Control Da 300dpi Version 600dpi Version	D5620 00.33	Checksum				12871 Serial No. DP-DS620 CS068 Color Control Data 300dpi Version 600dpi Version	D\$620_300	DS620 00.33	Checksum	
12644 erial No. IP-DS620 CS068 olor Control Da 300dpi Version 600dpi	D5620 00.33	Checksum				12871 Serial No. DP-D5620 CS068 Color Control Data 300dpi Version 600dpi	D\$620_300	0012.CWD	Checksum	
12644 rial No. P-DS620 CS068 olor Control Da 300dpi Version 600dpi Version Low Speed	DS620 00.33 ta DS620_300_0012.CWD DS620_600_0012.CWD	Checksum	FCC9			12871 DP-DS620 CS068 Color Control Data 300dpi Version 600dpi Version Low Speed	DS620_300.	0012.CWD	Checksum	FCC9

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.

ribbon media in t * Media informati been loaded. (F	the printer. ion is not displayed w igure 2.2.6.2)	e and remaining number of printable sheets for the when a media type not supported by the printer has g icons and characters. Status/Response Printing is possible. The printer is printing.
* Media informati been loaded. (F Displays the stat Display icon (Color)	ion is not displayed w Figure 2.2.6.2) tus of the printer using Display characters Waiting	g icons and characters. Status/Response Printing is possible.
been loaded. (F Displays the stat Display icon (Color)	Figure 2.2.6.2) tus of the printer using Display characters Waiting	g icons and characters. Status/Response Printing is possible.
Displays the stat	Display characters Waiting	Status/Response Printing is possible.
Display icon (Color)	Display characters Waiting	Status/Response Printing is possible.
(Color)	Waiting	Printing is possible.
(Green)		
(Green)	Printing	The printer is printing.
	•	
(Blue)		
	Door open	Front door is open. Close the front door.
(Yellow)		
(Yellow)	Ribbon end	No ribbon remains. Load new media. (Replace the paper and ribbon as a set.)
	Paper end	No paper remains. Load new media. (Replace the paper and ribbon as a set.)
	(Yellow)	Door open       (Yellow)       Ribbon end       (Yellow)       Paper end

Display item	Display details		
Diopidy Rom			
	Display icon (Color)	Display characters	Status/Response
	(Gray)	Offline	The printer cannot be recognized. Connect the printer and computer, and then turn on the power.
	(Purple)	Cooling head	The head is being cooled. Please wait a while. Printing will resume automatically.
	(Fulple)	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.
			n a media type not supported by the printer has been
Total Count	Total count of prir	nted sheets (printing o	ther than 6x4 or 5x3.5 size will count as two sheets).
Firmware Version	Version of the con • DS620A xx.xx	ntrol program of the pr (For the United States	rinter. xx.xx indicates the version.
Carial Na		(For other countries)	
Serial No.	Serial number of		
Color Control Data	Printer color cont	roi data.	

## 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		management	ICM Intent	Pictures
(In the Layout tab,		Advanced Printing	g Features	Enable
click "Advanced".)		Pages per Sheet	Layout	Right then Down
	Document		Border	Disable
	options	Printer function	Overcoat Finish	Glossy
		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.icc" by default.

Color Management     Security     Device Settings       To adjust color management settings, click Color Management     Color Management	To adjust color management settings, click Color Managemen	General	Sharing	Ports	Advanced
		Color Manage	ment S	ecurity	Device Settings
		E			

Step 1. From the Printer Properties, select the Color Management tab, and then click "Color Management...".

Figure 2.4 Color management tab

Color Management Devices All Profiles A		
Device:	Printer: DP-DS620	-
Profile selection:	Automatic (Recommended)	¥
Pro <u>f</u> iles associated	with this device:	
Name		File name
ICC Profiles	cc	DS620-R0.icc
File that	the installer associates	
	the installer associates	Set as Default Profile
Add		Set as Default Profile Prgfiles

## 2.5 Print Area

Paper size	Orientation	Image size (width x height)		Number of image dots (width x height)		
	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	
(377)	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	
(0x0)	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 2 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) (5x3.5) x 2 (5x3.5) x N (5x5) (6x4) (6x4) x 2 (6x4) x N		PR (3.5x5) PR (3.5x5) x 2 PR (3.5x5) x N PR (4x6) PR (4x6) x 2 PR (4x6) x N		(5x7) (6x8)	
		(6x6) Generated	Printed item	Generated	Printed item	Generated	Printed item
		image	(Output orientation ↓)	image	(Output orientation ↓)	image	(Output orientation ↓)
	Vertical						
	Horizontal			R			X
	Vertical	a puick sec.	<b>JECHEN</b>				
	Horizontal		建建制				a mitte in .

## 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.

🕜 🖉 🗢 🖶 « Hardware ar	nd Sound 🕨 P	rinters	•	Search		Q
🕒 Organize 👻 🚆 Views 🔻	🕌 Add a p	orinter				0
Favorite Links Documents Fictures Music More > Folders ✓ Desktop	0	Documents -DS620 ady Double cl	Status	Comments	Location	»

2) Click Start, and then click Control Panel. In Control Panel, click Printer. From the Printers screen, right click the DP-DS620 printer. From the menu, click Delete.

							x
💮 🗢 📲 « Hardwar	re and Sound 🕨 Printers		- 4				Q
🄄 Organize 👻 🚆 View	s 🔻 🕌 Add a printer 🧃	🛃 Se	e what's printing	🐘 Select prin	ting preferences	»	0
Favorite Links  Documents  Fictures  Music  More >>	Name Docum DP-DS620 0 Ready	ents	Status Open Run as admini Printing Prefer		Location		»
Folders	•		Pause Printing Sharing Use Printer Off Refresh	line			
			Create Shortcu Delete Rename	ıt			
			Properties		1		

Figure 3.1 Right clicking the DP-DS620 at the Printers screen

3) The printer deletion confirmation dialog box appears. Click Yes.

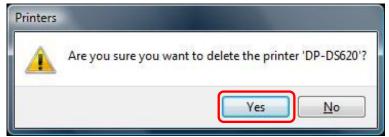


Figure 3.2 Printer deletion confirmation dialog box

4) After the DP-DS620 printer has been deleted, right click in an empty space to display a menu. From the menu, click "Run as administrator", and then click "Server properties...".

🔘 🕒 - 🔛 « Hardware and S		✓ 49 Search
Image: Second secon	Jama Documento St	Right click in an empty space away from the printers on the screen to display a menu.
Pictures     Music     More »	View	
Folders 👻	Sort By Group By Stack By Refresh	р. р. р.
	Paste Paste Shortcut Undo Copy C	Ctrl+Z
	🜒 Run as administrator	Add Printer
	Add Printer Server Properties	Server Properties

Figure 3.3 Selecting the menu displayed by right clicking at the Printers screen

- 5) Next, a User Account Control dialog box appears stating "Windows needs your permission to continue". Click Continue.
- 6) The Print Server Properties dialog box appears. Click the Drivers tab. From the installed printer driver list, select DP-DS620, and then click "<u>R</u>emove...".

🖉 жалана		
nstalled printer drivers: Name	Processor	Туре
DP-DS620	x86	Type 3 - User Mode

Figure 3.4 Print Server Properties dialog box

7) The Remove Driver and Package dialog box appears. Select "Remove driver and driver package", and then click OK.



Figure 3.5 Remove Driver and Package dialog box

8) The Print Server Properties confirmation dialog box appears. Click Yes.

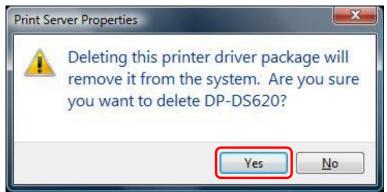


Figure 3.6 Driver deletion confirmation dialog box

9) The Remove Driver Package dialog box appears. Click "Delete".

Remove Driver Package	
Driver package information collected.	
The following package(s) will be deleted: dpds620.inf	*
The following driver(s) will be deleted: DP-DS620	
	+
<u>D</u> elete Cancel	

Figure 3.7 Remove Driver Package screen

10) The Remove Driver Package completion dialog box appears. Click OK.

Remove Driver Package	
Driver package deleted.	
Driver DP-DS620 was removed. Package dpds620.inf was removed.	*
<u>D</u> elete OK	*

Figure 3.8 Remove Driver Package completion dialog box

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

river package information collected.	
The following package(s) can not be deleted:	
dpds620.inf This package contains the following driver(s) that are in use: DP-DS620; This driver is used on: DP-DS620	E
The following driver(s) can not be deleted: Driver DP-DS620 is in use. It is used on: DP-DS620	200
Delete	-

11) In the Print Server Properties dialog box, confirm that DP-DS620 was deleted, and then click Close. This completes deletion of the printer driver. After deletion, restart the computer.

Processor	Туре
Xõb	Type 3 - User Mode
Remove	Properties
	Processor x86 Remove

Figure 3.9 Print Server Properties

#### 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".

#### 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.