

DIGITAL PHOTO PRINTER DS-RX1HS DS-RX1

Printer Driver Instruction Manual

For Windows Vista

December 25, 2015 Ver.1.10_1

•Safety precautions

Please read the User's Manual for the printer carefully before use, and follow the instructions. Note that the contents of directions for use and safety precautions correspond to the safety standards as of the time the User's Manual has been created.

•Remodeling

For product safety, do not remodel the DS-RX1 printers or the contents of the DS-RX1 printer drivers and the CD.

•Copyright

Copyrights, trademarks or any other intellectual property rights whatsoever that pertain to documents, programs or other items provided with this product, are ascribed to Dai Nippon Printing Co., Ltd., or the respective other holders of rights. Except in cases permitted by applicable laws, these may not be duplicated or used without consent from Dai Nippon Printing Co., Ltd.

Microsoft and Windows are registered trademarks of Microsoft Corporation valid in the USA and other countries. LEADTOOLS Copyright (C) 2008 LEAD Technologies, Inc. The ICC profile is prepared by the technology of X-Rite.

Contents

Chapter 1 Install	1
1.1 Printer and Host computer Connection	1
1.2 Found New Hardware Wizard	1
1.3 Install from Add Printer Wizard	
Chapter 2 Properties	12
2.1 Opening Printer Properties	
2.2 Explanation of Print Setting Functions 2.2.1 Layout 2.2.2 Advanced Options 2.2.3 Paper/Quality 2.2.4 Option 2.2.5 Color Adjustment	14 15 19 19
2.3 Default Values for Various Settings	21
2.4 Color Management	21
2.5 Print Area	22
2.6 Print Drection	22
Chapter 3 Updating the Driver	23
Chapter 4 Driver Removal	29

Chapter 1 Install

1.1 Printer and Host computer Connection

Power ON the DS-RX1 and connect the DS-RX1 printer and the host by USB cable. * Please refer to the manual for the DS-RX1 printer for connection if needed.

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

In order to install the driver, log in with administrator right. The following explanations are given on the assumption of use with administrator rights.

After that, if [Found New Hardware Wizard] is initiated, please install using the procedure in [1.2 Found New Hardware Wizard]. If [Found New Hardware Wizard] is not initiated, please install in accordance with [1.3 Install from Add Printer Wizard].

1.2 Found New Hardware Wizard

When "Found New Hardware Wizard" starts running, click on "Locate and install driver software (recommended)".

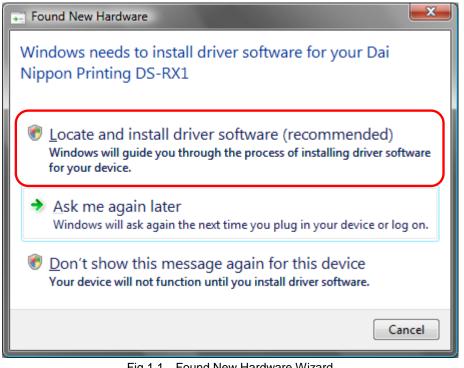


Fig 1.1 Found New Hardware Wizard

Note) For user account control, confirmation of "Windows needs your permission to continue" will be requested. Click on the "Continue" button.

1

If the message "Insert the disc that came with yuor Dai Nippon Printing DS-RX1" appears, click on "I don't have the disc. Show me other options".

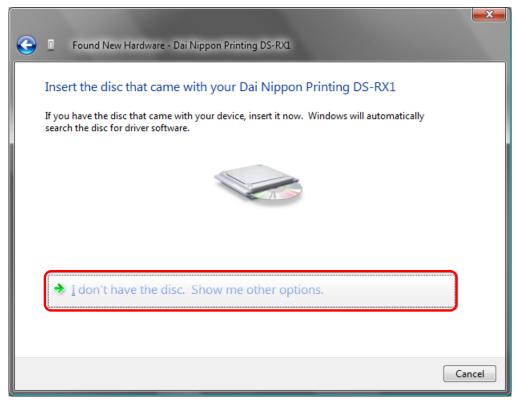
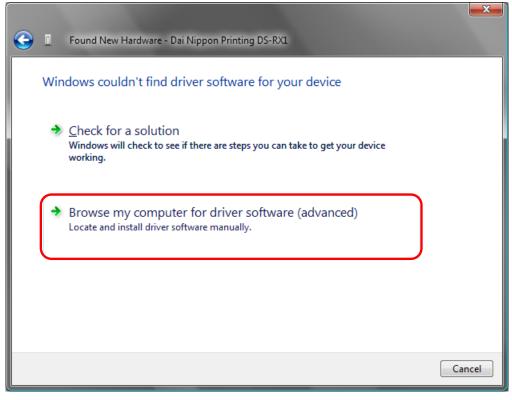
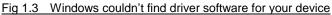


Fig 1.2 Insert the disc

If the message "Windows couldn't find driver software for your device" appears, click on "Browse my computer for driver software (advanced)".





Insert the accompanying CD here.

If the message "Browse for driver software on your computer" appears, click on the "Browse" button, designate the location of the Installation Disk, and click on the "Next" button.

		×
$\mathbf{\Theta}$	Found New Hardware - Dai Nippon Printing DS-RX1	
	Browse for driver software on your computer	
	Search for driver software in this location:	
	I\DS-RX1_Driver\English\Vista ▼ Browse	
	✓ Include subfolders	
	<u>N</u> ext Can	cel

Fig 1.4 Designating the driver software location

If the Windows Security confirmation window appears, click on "Install this driver software anyway".

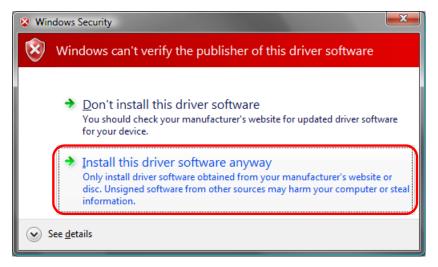


Fig 1.5 Windows Security confirmation

The driver software will be installed.

When "The software for this device has been successfully installed" appears, click on the "Close" button, and end the wizard.

0	Found New Hardware - DS-RX1	X
	The software for this device has been successfully installed	
	Windows has finished installing the driver software for this device:	
	DS-RX1	
		<u>Close</u>

Fig 1.6 Installation Complete window

Select "Start", then "Control Panel", and open the control panel. Click on "Printer" in the control panel.

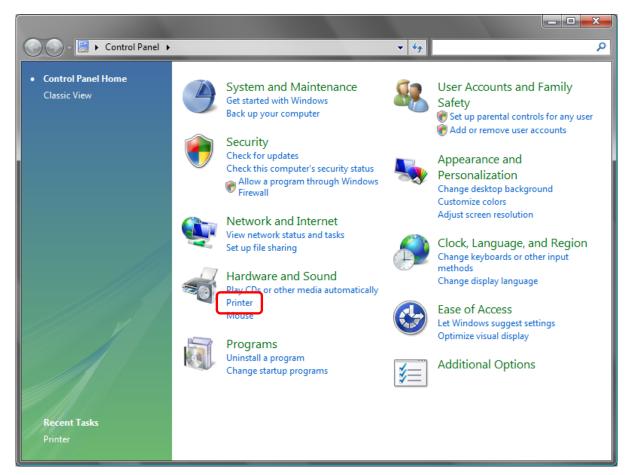


Fig 1.7 Control panel

Open [Printer] and confirm that [DS-RX1] is shown. Now installation is complete.

Control	Panel 🕨 Hardware and Soun	d 🕨 Printers	👻 🍫 Sea	rch	Q
uganize ▾ 🚆 Views	s 👻 🤮 Add a printer				0
Favorite Links	Name Documents	Status Comm	ents Location	Model	
Documents	DS-RX1	Fa	x		
Pictures	Ready		ady		
Disic Music	Microsoft XPS Do Writer	Delaute princer			
Recently Changed	S 0	Printer status: Ready Documents: 0			
Public					
Folders ^					

Fig 1.8 Printers

After installation of the printer-driver is complete, be sure to reboot the computer.

1.3 Install from Add Printer Wizard

Select "Start", then "Control Panel", and open the control panel. Click on "Printer" in the control panel.

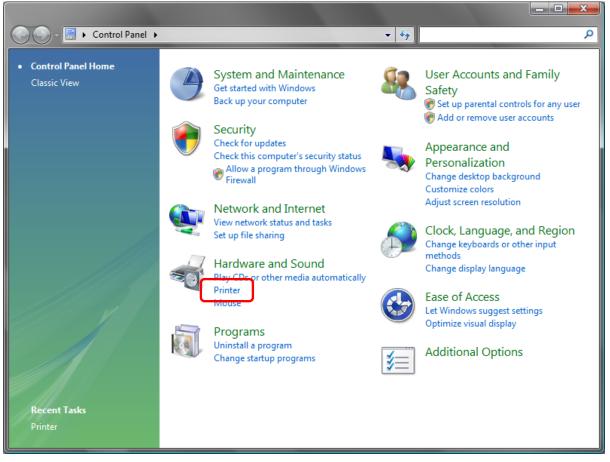


Fig 1.9 Control Panel

Click on "Add a Printer" in the menu bar at the top of the "Printer" window.

🕞 🕞 🗢 🔛 Control	Panel 🕨 Hardware and Sound	 Printers 		🔻 🍫 Sea	arch	Q
🌗 Organize 👻 🚆 View	s 👻 🏭 Add a printer					0
Favorite Links Documents Filteres Music Carlot Recently Changed P Searches Filteres	Name Documents DS-RXL Ready Microsoft XPS Docu Writer 0	Status Default printer Printer status: Documents: 0	Ready	Location	Model	
Folders ^						

Fig 1.10 Printer window

When the "Choose a local or network printer" window appears, click on "Add a local printer".

٢	÷	Add Printer
	Cho	ose a local or network printer
	•	Add a local printer Use this option only if you don't have a USB printer. (Windows automatically installs USB printers when you plug them in.)
	•	Add a net <u>w</u> ork, wireless or Bluetooth printer Make sure that your computer is connected to the network, or that your Bluetooth or wireless printer is turned on.
		<u>N</u> ext Cancel

Fig 1.11 Choose a local or network printer window

When the "Choose a printer port" window appears, select "Use an existing port:", and select the USB port the printer is connected to (for example, "USB001") from the drop-down list, and click the "Next" button.

3	🚍 Add Printer	
	Choose a printer port	
	A printer port is a type of conn printer.	ection that allows your computer to exchange information with a
	Use an existing port:	USB001 (Virtual printer port for USB)
	Oreate a new port:	
	Type of port:	Local Port 👻
		Next Cancel

Fig 1.12 Choose a printer port window

When the	"Install the	printer driver"	window appears,	click on the	"Have Disk	" button.
when the	mount une	printer arriver	window uppears,	chek on the	Thave Disk	outton.

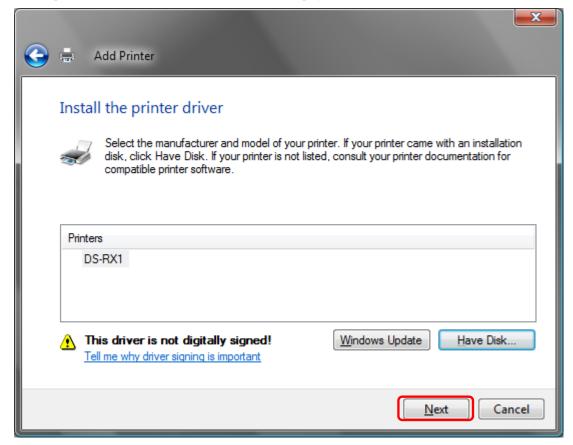
3	🚍 Add Printer	
		nd model of your printer. If your printer came with an installation our printer is not listed, consult your printer documentation for e.
	Manufacturer Apollo Brother Canon Citizen This driver is digitally signed. <u>Tell me why driver signing is imp</u>	Printers Apollo P-1200 Apollo P2100/P2300U Apollo P2200 <u>Windows Update</u> <u>Have Disk</u>
		<u>N</u> ext Cancel

Fig 1.13 Install the printer driver window

When the "Install From Disk" window appears, use "Browse..." to designate the installation disk location, and click the "OK" button.

Install From	m 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:¥DS-RX1_Driver¥English¥Vista	Browse

Fig 1.14 Install From Disk window



In the "Install the printer driver" window, check that "DS-RX1" is displayed, and click the "Next" button.

Fig 1.15 DS-RX1 Install the printer driver window

When the "Type a printer name" window appears, you can set the printer name. Also, to set it as the printer usually used, select the check box for "Set as the <u>d</u>efault printer", and click the "Next" button.

G	🚗 Add Printer	
	Type a printer name Printer name: DS-RX1 Set as the default printer This printer will be installed with the DS-RX1 driver.	
		<u>N</u> ext Cancel

Fig 1.16 Type a printer name window

Note) Insallation will begin, but the User Account Control will request confirmation with the message "Install this driver software anyway". Click on "Continue".

When the Windows Security window appears, click on "Install this driver software anyway".

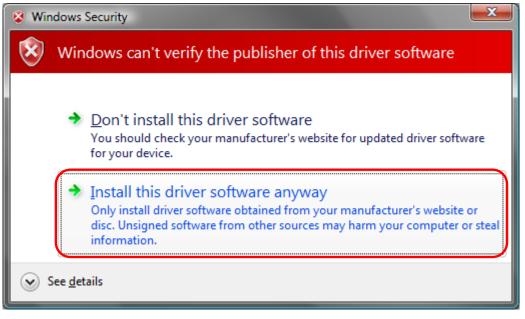


Fig 1.17 Windows Security confirmation

When the message "The software for this device has been successfully installed", click on "Finish".

0	🛋 Add Printer
	You've successfully added DS-RX1
	To see if the printer is working correctly, or to see troubleshooting information for the printer, print a test page. Print a test page
	Finish Cancel

Fig 1.18 DS-RX1 driver has been successfully installed

Check that the DS-RX1 is shown in the Printer window. Now, installation of the DS-RX1 printer driver is complete.

💽 🗸 💀 Kontrol F	Panel 🕨 Hardware and Sound 🕨 Printers	👻 🍫 Search	Q
🕒 Organize 👻 🚆 Views	🗧 👻 🕌 Add a printer		0
Favorite Links		mments Location Model	
Documents	DS-RX1	Fax 0	
Pictures	Ready	Ready	
Music	Microsoft XPS Document Writer		
Recently Changed			
Searches			
Jublic Public			
_			
Folders ^			

Fig 1.19 Printer window

After installation of the printer-driver is complete, be sure to reboot the computer.

Chapter 2 Properties

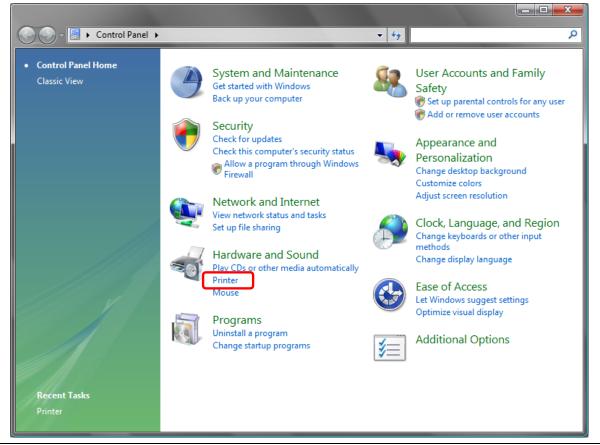
Various printer settings can be made using the DS-RX1 Driver properties. Before operation, be sure to have a good understanding of the contents. Login by administrator authority is required for operation. Depending on application of the use, operation from print setting of the application is necessary.

2.1 **Opening Printer Properties**

1. Click Start \Rightarrow Control Panel \Rightarrow open the control panel



2. In the control panel, select Printer⇒open the Printer window



🕞 🕞 🚽 🖶 🕨 Control P	Panel 🕨 Hardware ar	nd Sou	nd 🕨 Printers			👻 🍫 Se	earch		Q
🕒 Organize 🔻 📲 Views	; 👻 🕌 Add a print	ter 🛔	🗼 See what's p	orinting	🖶 Set as	s default 🛛 😫	Select printing pre	ferences »	• ?
 Organize ▼ ☐ Views Favorite Links Documents Pictures Music Recently Changed Searches Public 		ument		C iistrator Printer erences g ffline	Fax 0	s default 🛛 🐘 S	Select printing pre Model	ferences >	
Folders ^									

3. Right-click on the DS-RX1 icon, and from the pull-down menu select Properties \Rightarrow open the Properties window

4. The DS-RX1 Properties window will appear.

🚍 DS-RX1 Pro	perties				×
Color Man	nagement	Se	ecurity	Devic	e Settings
General	Sharir	ng	Ports		Advanced
-	DS-RX1				
Location:					
Comment:					
M <u>o</u> del: Features Color: Yes	DS-RX1	P	aper availabl	e:	
Double-side	ed: No	[*
Staple: No Speed: Uni Maximum re	known esolution: 600 d	pi			-
	Pri	nting Pre	ferences	Print <u>T</u>	est Page
		Oł		Cancel	Apply

2.2 Explanation of Print Setting Functions

From the Properties window, by selecting Printing Preferences you can make various print settings.

2.2.1 Layout

B DS-RX1 Printing Preferences	
	r Adjustment
Orientation:	
R Portrait	
Page Order:	
Front to Back -	
Page Format	=
Pageg per Sheet 1 -	
	Advanced
	OK Cancel Apply

Fig 2.2.1 Layout tab

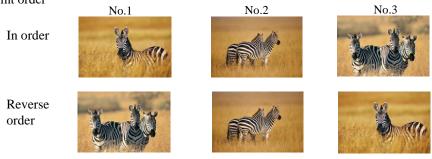
Orientation

Assign print orientation as Landscape or Portrait. Refer to <u>2.6 Print direction</u>.

Page Order

When printing multiple images in the application, you can set the order.

Ex.) Print order



Pages per Sheet

Prints the designated fractional size.

Ex.) Fractional size



4 (Quarter-size)



9 (One-ninth size)



ons

2.2.2 Advanced Options

By selecting [Advanced] in the Layout window, various settings can be made using Advanced Options.

ſ	DS-RX1 Printing Preferences		DS-RX1 Advanced Opt
	Layout Paper/Quality Option Color Ad Qrientation: A Potrat Page Option: Front to Back Page Format Page por Sheet 1 Drgw Borders	atment	DS-RX1 Advance Paper/Outpu Copy Co Print Qua Print Qua Document Qua Advance Pages pe Borde Over Print Print Print Print Print Print Pages pe Borde Over Print Print
		OK Cancel Apply	Fig 2 2 2 2

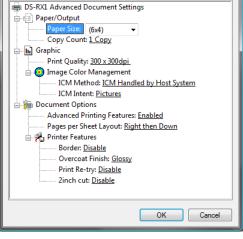


Fig 2.2.2.2 Advanced Options tab

Fig 2.2.2.1 Advanced Settings

Paper Size

You can designate the paper size. Please match the paper size to the media size with which the printer is equipped

Copy Count

You can designate the number of times an image will be printed.

Print Quality

You can designate the print quality.

Print Quality	Function
300 x 300dpi	Printing in the high-speed mode
300 x 600dpi	Printing in the high-quality mode
	(If the application can not set an asymmetric aspect resolution, please set the 600x600dpi.)
600 x 600dpi	Printing in the high-quality mode
	(Printer driver converts to 300x600dpi data, and sends it to the printer.)

ICM Method

ICM Method	Function
ICM Disabled	2.2.4 Synchronous with "Color Management: None" in paper option.
ICM Handled by Host System 2.2.4 Synchronous with "Color Management: ICM" in paper o	
	Performs color management with the driver.
ICM Handled by Printer	This is the same as setting "ICM Handled by Host System".

ICM Intent

This designates the rendering method when using ICM. Always have the ICC profile for the DS-RX1 set to "Picture". Please do not use it at other settings.

Advanced Printing Features

Always have it set to "Enabled". Please do not use it at other settings.

Pages per Sheet Layout

The layout direction of a picture is specified, when Pages per Sheet setting is multiple pages per sheet.

Border

Synchronous with the border option in the paper option.

Overcoat Finish

The overcoat finish for the printed surface can be selected from the following two types.

Overcoat Finish	Function
Glossy	This finishes the print with a glossy surface.
Matte	This finishes the print with a matte (non-glossy) surface.

Print Re-try

This sets up whether print data in a printer buffer when the error of a printer occurs is printed after error recovery, or it does not print.

Print Re-try	Function
Disable	Printing data in a printer buffer is cleared in the case of a printer error.
	After an error recovery, the cleared image data must be re-sent.
	When using an application that has an error recovery function, select this option.
Enable	Printing data in a printer buffer is held in the case of a printer error.
	After an error recovery, the print process resumes with the saved data.
	However, if the power is turned OFF, the data will not be saved.

According to the contents of a printer error, the power supply of a printer needs to be re-switched on for error recovery. In this case, it is not dependent on a setup of Print Re-try, and printing data in a printer buffer is cleared. Operation by Print Re-try setup in each error is shown below.

Contents of an error	Print Re-try setup is "Disable"	Print Re-try setup is "Enable"
Paper End		Printing processing is resumed from data
Ribbon End		currently held in a printer buffer after
Cover Open	Please resend picture data not printed	error recovery.
Paper Jam (*1)	after error recovery.	When paper initialization operation is
Ribbon Error (*1)		performed, it is printed after paper
Paper Definition Error		initialization operation.
Data Error		
Head Position Error	For error recovery, the power supply of a	For error recovery, the power supply of a
Power Supply Fan Stop	printer once needs to be turned OFF.	printer once needs to be turned OFF.
Cutter Error	Therefore, print data in a printer buffer is	Therefore, print data in a printer buffer is
Head Voltage Error	cleared by power-supply OFF of a	cleared by printer power-supply OFF
Abnormal Head Temp.	printer regardless of a setup of the Print Re-try function.	even if the Print Re-try function is set to "Enable".
Abnormal Media Temp.	Ke-try function.	Enable .
Ribbon Tension Error	Please resend picture data not printed	Please resend picture data not printed
RFID Module Error	after printer re-starting.	after printer re-starting.
System Error	arter printer te starting.	arter printer te starting.

*1: After an error stop, a paper or a ribbon should perform removal work of an error factor according to a printer user's manual.

2inch cut (Depending on the version of printer firmware being used, "Disable" may be the only option.) In the case of the specific paper size, it sets up whether it cuts into two or more sheets by the length of 2 inches.

2inch cut	Function
Disable	It cuts in usual size.
Enable	By the length of 2 inches, in the case of $(6x4)$ and PR(4x6) size, it cuts to two sheets, and, in the case of $(6x8)$ size, it cuts to four sheets.

<Multiple layout>

When the DS-RX1 is using 6x8 size media, 2 image layout is possible.

With the printer driver paper setting, multi-image layout is made possible, and the image sizes are as follows.

Lavout	designation	
Luyout	designation	

Driver paper setting	Paper	Image size width x height	Using media			
(layout)	Orientation	(mm)	6x8			
(6x4) x 2	Portrait	(156. 1x105. 0) x 2				
	Landscape	(105.0x156.1) x 2				
PR (4x6) x 2 Portrait		(105.0x156.1) x 2	6x8			
	Landscape	(156. 1x105. 0) x 2				
Image layout median size		2. 54				
Image layout median size		2.54				

Multiple layout is possible under the following conditions.

1. The printer is using 6x8 size media.

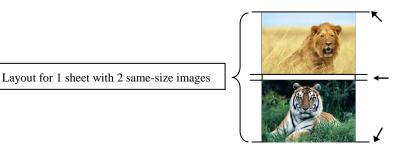
2. The printer driver paper size is set to one of the above sizes.

3. Multiple images are sent from the application.

Note) Because the multi-image layout occurs on a per job basis, this works when there are multiple images for 1 job. If you want to print the same image, be sure to send the image data for each copy to be printed. The printer prints 2 images in one operation, and the paper is cut as it is fed out.

<Multi-image layout patterns>

The following is possible for the multi-image layout pattern.



Cut as sheet is fed out

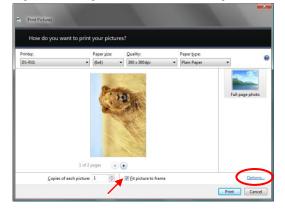
<Example of Application Use>

This is an example using Windows Explorer

Step 1. Select 2 or more images⇒Click "Print".

🔾 🔾 - 🍌 🕨 Sample				• 4 Search	<u>ــــــــــــــــــــــــــــــــــــ</u>
🍆 Organize 👻 🖼 View	s 👻 📊 Preview	🛒 Slide Sh 😡 🚔	Print I E-mail	👧 Share 🚳 Burn	e
Favorite Links Documents Fictures Music More >> Folders Desktop	Name D	ate taken Tags	Size Type: JPEG Imm Rating: Unrate Dimensions: 34 Size: 279 MB	d	
Nagano Public Computer Network Control Panel Recycle Bin VistaE VistaE	S	elect 2 or 1	more im	ages	
2 items	T	ten: Specify date and tin igs: Add a tag ng: ය ය ය ය ය ය		: (multiple values) : 9.65 MB	

Step 2. Check "Fit picture to frame" and click "Options".



Step 3. Click on "Printer Properties".

Print Settings
 Sharpen for printing Only show options that are compatible with my printer Certain combinations of paper type, paper size, and print quality may not print well or be available with all printers. Limiting your options to only those that are compatible will give you the best results. Color Management
Printer Properties.

Step 4. From the "Orientation" pull-down menu, select "Portrait".

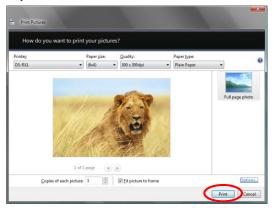
age of the Front to Back Page Format	•	=	_	
Pages per Sheet	1 •			
Draw Borders				
			Adyan	ced

Step 5. Click on "Advanced".

Layout Paper/Quality Option Color Orientation:	Adjustment
Page Order:	
Front to Back	
Page Format Pageg per Sheet 1 🔹	
Draw Borders	
	Advanced
	OK Cancel

Step 6. Set the Paper Size to "(6x4)x2". Then click "OK" on the windows from steps 6⇒5, returning to the window displayed in Step 2.

Step 7. Click on "Print".



2.2.3 Paper/Quality

DS-RX1 Document Properties	
Layout Paper/Quality Option Color Adj	ustment
Color	
Black & White	Color
	Advanced
	OK Cancel

Fig 2.2.3 Paper/Quality tab

Color Please set to color print. Do not use for black and white printing.

2.2.4 Option

📾 DS-RX1 Document Properties	DS-RX1 Document Properties
Layout Paper/Guality Option Color Adjustment	Layout Paper/Quality Option Color Adjustment
Bordet	Border
Sharpness(H): 0 (Default)	Sharpness(<u>H</u>): 0 (Default)
Color Adjustment	Color Adjustmi _1 (Blar More) _1 (Blar) iver (J)iver (J)it (CM ()
💿 None (N) 💿 Handled by Driver (J) 💿 ICM (I)	+1 (Sott) +2
CIM & Driver (M)	◎ ICM & Dri +3 +4 (Normal)
	+5 +6 +7
About (B)	About (B) +* (Hard)
OK Cancel	OK Cancel
Fig 2.2.4.1 Paper option tab	Fig 2.2.4.2 Sharpness setting

Border

Designates yes or no for border (check means with border). Synchronous with border in the Advanced Settings.

Sharpness

Processes for 11 sharpness levels (Fig 2.2.4.2). 0(Initial setting) means there is no sharpness processing. Minus(-) blurs the image, and plus(+) increases the sharpness.

Color Adjustment

None

Synchronous with the ICM Method in the Advanced Settings. Checking this item disables ICM and the Color Adjustment tab, and color management does not occur from the driver.

Handled by Driver

Checking this item disables ICM and <u>2.2.5 Color Adjustment</u> is enabled. The adjustment values for gamma, brightness, contrast, and chroma are shown.

ICM

Synchronous with the ICM Method in the Advanced Settings (ICM Handled by Host System). Checking this item enables color management from the driver.

ICM & Driver

If you check this, ICM (color management) and color adjustment will be enabled.

About

Displays the driver version.

2.2.5 Color Adjustment

If you check Handled by Driver in <u>2.2.4 Option</u>, the respective color adjustment values in the Color Adjustment tab are reflected in the image.

DS-RX1 Document Properties Layout Paper/Quality Option Color Adjustment Sample Picture						
Garma Bickhnes Contast						
	Brightness					
B 0 😒	B 0 🚔	R 0 🚔				
G ——— [0 🐳	G —— 0 🚔	G 0 🐳				
в —— О 🐳	в — — о 🐳	в — 🕛 – 🛛 😫				
Sync	Sync	Sync				
Chroma		Default(D)				
0 👘 Load(L) Save(S)						
		OK Cancel				

Fig 2.2.5 Color Adjustment tab

Setting ranges in the Color Adjustment tab are as follows:

0 0	Color Adjustment tab are as follows:
Adjustment Item	Adjustment Value
Gamma	$-100(dark) \sim 100(light)$ (0 means no adjustment, Gamma 2.0 ~ 0.5)
	Adjusts the density of the highlights in the image. The greater the gamma value, the brighter the
	highlights.
	Synchronous check box
	ON : Sets RGB at the same value
	OFF:Sets RGB at a different value
Brightness	-100(dark) ~ 100(light) (0 means no adjustment)
U	Adjusts the brightness of the image. The larger the value, the greater the overall brightness of the image.
	Synchronous check box
	ON :Sets RGB at the same value
	OFF:Sets RGB at a different value
Contrast	-100(weak) ~ 100(strong) (0 means no adjustment)
	Adjusts the contrast of the image. The larger the value, the greater the contrast.
	Synchronous check box
	ON : Sets RGB at the same value
	OFF: Sets RGB at a different value
Chroma	-100(weak) ~ 100(strong) (0 means no adjustment)
	Adjusts the color saturation of the image.

2.3 Default Values for Various Settings

Default values for each option (at the time of installation) are shown below. If the printer driver does not work correctly after changing the options, please return the options to the default settings. Note) According to the Service Pack and use environment of OS, the default value at the time of installation may differ from the following chart.

TabOptionsDefaultLayoutOrientationPortraitPage OrderFront to BackPages Per Sheet1Paper/QualityColorColor

	Pages Per Sheet	t		1
Paper/Quality Color		Color		
	Border			Disable
Option	Sharpness	0 (Default)		
	Color Adjustme	Color Adjustment		
	Gamma			0
Color	Brightness	Brightness		
Adjustment	Contrast	0		
	Chroma	0		
	Paper/Output	Paper Size		(6 x 4)
		Copy Count		1
	Graphic	Print Quality		300 x 300dpi
		Image Color	ICM Method	ICM Handled by Host
				System
Advanced		Management	ICM Intent	Pictures
(Click [Advanced] button of Layout tab)		Advanced Printing Features		Enable
bullon of Layout lab)		Pages per Sheet Layout		Right then Down
	Document		Border	Disable
	Option		Overcoat Finsh	Glossy
		Printer Features	Print Re-try	Disable
			2inch cut	Disable

Chart 2.3 Print Setting Default Values

2.4 Color Management

In [Color Management], this designates the color profile. Default at installation associates [RX1.icc].

Step 1. Select "Color Management" tab in "Printer Properties", and click on "Color Management" button.

Ports

OK Cancel

nt settings, click Color Manad

Advanced

Apply

Device Settings

in DS-RX1 Properties

General

Sharing

To ad

Step 2	Choose	printer.	DS-RX1	from :	a device
Step 2.	Choose	prince.	D_{D} - RM	nome	i ucvicc.

Device:	Printer: DS-RX1			
	Use my settings for th			
Profile selection:	Automatic (Recommend	ded)		
Profiles associated	with this device:			
Name			File name	
ICC Profiles				
DS-RX1 20110225	o		RX1.icc	
The in	nstaller associ	ated this fi	le	
		ated this fi	le	Set as Default Pro
	nstaller associ	ated this fi	le	Set as Default Prof

Fig 2.4 Color Management

2.5 Print Area

Paper	Paper	Image size (wie	dth x height)	Image pixel amo	unt (width x heigh	t)
	Orientation	(inch)	(mm)	300 x 300 DPI	300 x 600 DPI	600x600 DPI
(5x3.5)	Portrait	5"x 3.5"	131.1 x 92.1	1548 x 1088	1548 x 2176	3096 x 2176
	Landscape	3.5"x 5"	92.1 x 131.1	1088 x 1548	2176 x 1548	2176 x 3096
(6x4)	Portrait	6"x 4"	156.1 x 105.0	1844 x 1240	1844 x 2480	3688 x 2480
	Landscape	4"x 6"	105.0 x 156.1	1240 x 1844	2480 x 1844	2480 x 3688
(5x7)	Portrait	5"x 7"	131.1 x 181.0	1548 x 2138	1548 x 4276	3096 x 4276
	Landscape	7"x 5"	181.0 x 131.1	2138 x 1548	4276 x 1548	4276 x 3096
(6x8)	Portrait	6"x 8"	156.1 x 206.2	1844 x 2436	1844 x 4872	3688 x 4872
	Landscape	8"x 6"	206.2 x 156.1	2436 x 1844	4872 x 1844	4872 x 3688
PR (3.5x5)	Portrait	3.5"x 5"	92.1 x 131.1	1088 x 1548	2176 x 1548	2176 x 3096
	Landscape	5"x 3.5"	131.1 x 92.1	1548 x 1088	1548 x 2176	3096 x 2176
PR (4x6)	Portrait	4"x 6"	105.0 x 156.1	1240 x 1844	2480 x 1844	2480 x 3688
	Landscape	6"x 4"	156.1 x 105.0	1844 x 1240	1844 x 2480	3688 x 2480

Depending on the paper size designated at the driver, the image size and dot count will be as follows.

2.6 Print Drection

Regarding the print direction setting, the relationship between the application-generated image and the print (feed direction) is as shown in the following chart. The generated image is the image generated through enlargement/reduction to fit the size shown in 2.5 Print Area, without having the application rotate the original image.

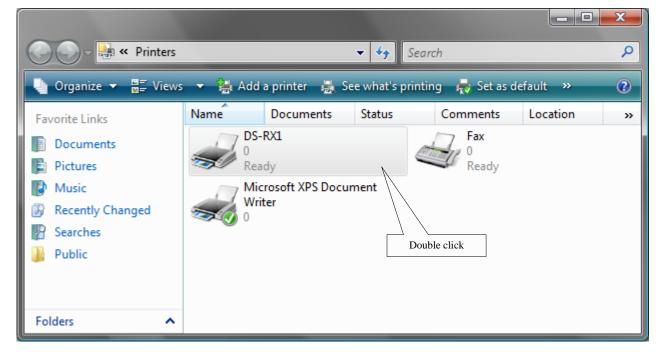
Original	Driver setting						
Image	Orientation	Paper setting					
	setting	(5x3.5)		PR (3.5x5) PR (4x6)		(5x7)	
		(6x4)				(6x8)	
		(6x4)x2		PR (4x6)x2			
		Generation	Output image	Generation	Output image	Generation	Output image
		image	(direction \downarrow)	image	(direction \downarrow)	image	(direction \downarrow)
	Portrait	R					
	Landscape	R		S.	R	R	
	Portrait	J ÉRE		apîte.	A BURE	apties.	調整「時輕」
渜艭[[[]]] [[]]]	Landscape						

Chapter 3 Updating the Driver

In order to update the printer-driver, follow the steps shown below.

1. Driver Removal

(1) Before removing the printer-driver, shut down all other applications. Also, double click the icon for the printer to be removed, and make sure there are no documents in the queue before you begin removal of the driver.



Printer Document View							
Document Name	Status	Owner	Pages	Size			
			_				

(2) Select "Start"-"Control Panel", and click on "Printer" in the control panel. From the "Printer" window, select the DS-RX1 printer, display the pull-down menu with the right click, and click on "Delete".

	-							×
🕞 🕞 – 블 🕨 Control P	anel ▶ Hardw	vare and Sound	d ▶ Printers	•	Search		_	<u>م</u>
🎍 Organize 👻 🚆 Views	👻 🕌 Add	a printer 🛛 😹	See what's prin	ting 🛛 👼 Set as o	default 😫 S	elect printing pr	eferences »	•
Favorite Links	Name	Documents	Status	Comments	Location	Model		
Documents	DS-	RX1	0	Fax	1			
Pictures	Rea	-	Open					
Music	Mic Writ	rosoft XP 🕐	Run as admini	strator 🕨				
Recently Changed	S ()		Set as Default	Printer				
Public			Printing Prefer	ences				
- Public			Pause Printing					
			Sharing					
			Use Printer Of	fline				
			Refresh					
			Create Shortcu	ıt				
			Delete					
			Rename					
			Properties					
		_						
Folders 🔨								

Fig 3.1 Printer window; DS-RX1 right-clicked menu

(3) When "Are you sure you want to delete the printer `DS-RX1`?" appears, click on "Yes".

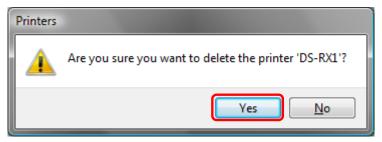


Fig 3.2 Delete Printer confirmation window

(4) After the DS-RX1 has been deleted, right-click where there is no icon, and get the pull-down menu. In the pull-down menu, click on "Run as administrator" – "Server Properties".

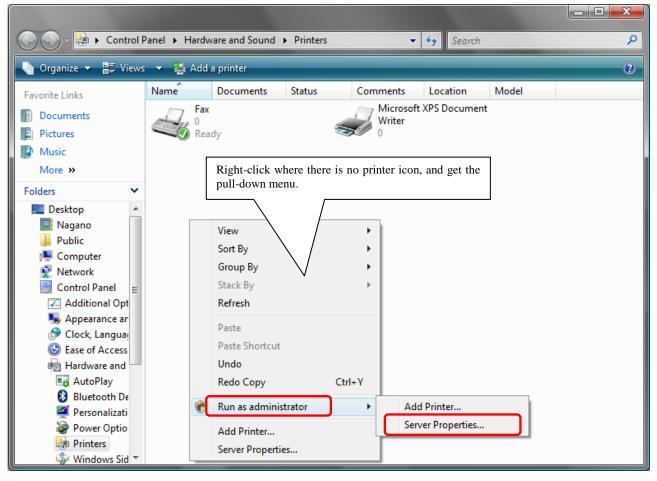


Fig 3.3 Pull-down menu opened by right-clicking on the Printer window

(5) After this, user account control will request confirmation with "Windows needs your permission to continue." Click on the "Continue" button.

(6) When the Print Server Properties window appears, click on the Drivers tab. From the list of installed printer drivers, select "DS-RX1", and click the "Remove" button.

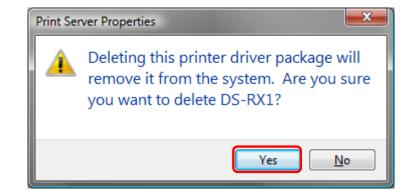
Print Server Properties			×
Forms Ports Drivers Ad	dvanced		
S			
Installed <u>p</u> rinter drivers:			
Name	Processor	Туре	
DS-RX1	x86	Type 3 - User Mode	
Microsoft XPS Documen	x86	Type 3 - User Mode	
A <u>d</u> d	<u>R</u> emove	Properties	
	ОК	Cancel Ap	ply
A <u>d</u> d			ply

Fig 3.4 Print Server Properties window

(7) When the Remove Driver and Package window appears, select "Remove driver and driver package", and click on the "OK" button.

Remove Driver And Package
Do you want to remove the driver(s) only, or remove the driver(s) and driver package(s) from your system?
Remove driver only.
Remove driver and driver package.
OK Cancel

Fig 3.5 Remove Driver and Package window



(8) When the Print Server Properties confirmation window appears, click on the "Yes" button.

Fig 3.6 Print Server Properties confirmation window

(9) When the Remove Driver Package window appears, click on the "Delete" button.

Remove Driver Package	
Driver package information collected.	
The following package(s) will be deleted: dsrx1.inf The following driver(s) will be deleted:	*
DS-RX1	
Delete Cancel	Ŧ

Fig 3.7 Remove Driver Package window

(10) When the Driver Package Deleted window appears, click on the "OK" button.

Remove Driver Package	
Driver package deleted.	
Driver DS-RX1 was removed. Package dsrx1.inf was removed.	*
	Ŧ
Delete OK	

Note) Before removing the printer-driver, if the following error message appears, please reboot the computer. After the computer has been rebooted, repeat the steps to remove the printer-driver.

Remove Driver Package	
One or more errors have occured.	
Failed to remove driver DS-RX1. The specified printer driver is currently in use. Failed to remove package dsrx1.inf. Driver package is in use.	*
Delete OK	

(11) Using the Print Server Properties window, confirm that "DS-RX1" has been removed, and click on the "Close" button.Now the removal of the printer driver is complete. After removal, reboot the computer.

en F	Print Server Properties		X
Fo	orms Ports Drivers Ad	vanced	
ą			
	installed <u>p</u> rinter drivers:		
	Name	Processor	Туре
	Microsoft XPS Documen	x86	Type 3 - User Mode
	A <u>d</u> d	Remove	Prop <u>e</u> rties
		Close	Cancel Apply

Fig 3.9 Print Server Properties window

2. Installing the printer-driver upgrade

After removing the printer and printer-driver, install the new printer-driver. For installation steps, please refer to Chapter 1 "Install".

3. Rebooting the computer

After installation of the printer-driver is complete, be sure to reboot the computer. (Do not print immediately after installation. First reboot the computer.)

Chapter 4 Driver Removal

For steps to remove the printer-driver, refer to Chapter3-1 "Driver Removal"

Dai Nippon Printing Co., Ltd.