DIGITAL PHOTO PRINTER

DS-RX1 HS

DS-RX1

Printer Driver Instruction Manual

For Windows Vista
● 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 .................................................. 6

Chapter 2 Properties .......................................................... 12
  2.1 Opening Printer Properties ......................................................... 12
  2.2 Explanation of Print Setting Functions ............................................. 14
    2.2.1 Layout .................................................................................. 14
    2.2.2 Advanced Options ............................................................... 15
    2.2.3 Paper/Quality ................................................................. 19
    2.2.4 Option ................................................................................. 19
    2.2.5 Color Adjustment ............................................................... 20
  2.3 Default Values for Various Settings ................................................. 21
  2.4 Color Management ................................................................. 21
  2.5 Print Area ................................................................................. 22
  2.6 Print Direction ............................................................................ 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)”.

![Found New Hardware Wizard](image)

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.
If the message “Insert the disc that came with your 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)”.

**Fig 1.3 Windows couldn’t find driver software for your device**
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.

![Fig. 1.4 Designating the driver software location](image)

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

![Fig. 1.5 Windows Security confirmation](image)
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.

![Image of Installation Complete window]

**Fig 1.6** Installation Complete window

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

![Image of Control panel]

**Fig 1.7** Control panel
Open [Printer] and confirm that [DS-RX1] is shown. Now installation is complete.

![Fig 1.8 Printers](image_url)

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.

Fig 1.10  Printer window
When the “Choose a local or network printer” window appears, click on “Add a local printer”.

![Choose a local or network printer window](image1)

**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.

![Choose a printer port window](image2)

**Fig 1.12  Choose a printer port window**
When the “Install the printer driver” window appears, click on the “Have Disk...” button.

![Fig 1.13 Install the printer driver window](image)

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

![Fig 1.14 Install From Disk window](image)
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](image)

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 default printer”, and click the “Next” button.

![Fig 1.16  Type a printer name window](image)
Note) Installation 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](image)

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

![Fig 1.18  DS-RX1 driver has been successfully installed](image)
Check that the DS-RX1 is shown in the Printer window.
Now, installation of the DS-RX1 printer driver is complete.

![Printer window]

*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 ⇒ Control Panel ⇒ open the control panel

2. In the control panel, select Printer⇒ open the Printer window
3. Right-click on the DS-RX1 icon, and from the pull-down menu select Properties ⇒ open the Properties window.

4. The DS-RX1 Properties window will appear.
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

![Layout tab](image)

**Orientation**
- Assign print orientation as Landscape or Portrait.
- Refer to 2.6 Print direction.

**Page Order**
- When printing multiple images in the application, you can set the order.
- Ex.) Print order

![Page order images](image)

**Pages per Sheet**
- Prints the designated fractional size.
- Ex.) Fractional size

![Pages per Sheet images](image)
2.2.2 Advanced Options

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

- **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.
  
<table>
<thead>
<tr>
<th>Print Quality</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 x 300dpi</td>
<td>Printing in the high-speed mode</td>
</tr>
<tr>
<td>300 x 600dpi</td>
<td>Printing in the high-quality mode</td>
</tr>
<tr>
<td>(If the application can not set an asymmetric aspect resolution, please set the 600x600dpi.)</td>
<td></td>
</tr>
<tr>
<td>600 x 600dpi</td>
<td>Printing in the high-quality mode</td>
</tr>
<tr>
<td></td>
<td>(Printer driver converts to 300x600dpi data, and sends it to the printer.)</td>
</tr>
</tbody>
</table>

- **ICM Method**
  
<table>
<thead>
<tr>
<th>ICM Method</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICM Disabled</td>
<td>2.2.4 Synchronous with “Color Management: None” in paper option.</td>
</tr>
<tr>
<td>ICM Handled by Host System</td>
<td>2.2.4 Synchronous with “Color Management: ICM” in paper option. Performs color management with the driver.</td>
</tr>
<tr>
<td>ICM Handled by Printer</td>
<td>This is the same as setting “ICM Handled by Host System”.</td>
</tr>
</tbody>
</table>

- **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.

<table>
<thead>
<tr>
<th>Overcoat Finish</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glossy</td>
<td>This finishes the print with a glossy surface.</td>
</tr>
<tr>
<td>Matte</td>
<td>This finishes the print with a matte (non-glossy) surface.</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Print Re-try</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disable</td>
<td>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.</td>
</tr>
<tr>
<td>Enable</td>
<td>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.</td>
</tr>
</tbody>
</table>

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.

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

*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.

<table>
<thead>
<tr>
<th>2inch cut</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disable</td>
<td>It cuts in usual size.</td>
</tr>
<tr>
<td>Enable</td>
<td>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.</td>
</tr>
</tbody>
</table>
<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.

<table>
<thead>
<tr>
<th>Layout designation</th>
<th>Driver paper setting (layout)</th>
<th>Paper Orientation</th>
<th>Image size width x height (㎜)</th>
<th>Using media</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(6x4) x 2</td>
<td>Portrait</td>
<td>(156.1x105.0) x 2</td>
<td>6x8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Landscape</td>
<td>(105.0x156.1) x 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PR (4x6) x 2</td>
<td>Portrait</td>
<td>(105.0x156.1) x 2</td>
<td>6x8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Landscape</td>
<td>(156.1x105.0) x 2</td>
<td></td>
</tr>
<tr>
<td>Image layout median size</td>
<td></td>
<td></td>
<td></td>
<td>2.54</td>
</tr>
</tbody>
</table>

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.

![Diagram of multi-image layout patterns]
<Example of Application Use>
This is an example using Windows Explorer

Step 1. Select 2 or more images ⇒ Click “Print”.

Step 2. Check “Fit picture to frame” and click “Options”.

Step 3. Click on “Printer Properties”.

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

Step 5. Click on “Advanced”.

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

![Figure 2.2.3 Paper/Quality tab](image)

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

2.2.4 Option

![Figure 2.2.4.1 Paper option tab](image)

**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 [2.2.5 Color Adjustment](#) 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 2.2.4 Option, the respective color adjustment values in the Color Adjustment tab are reflected in the image.

Setting ranges in the Color Adjustment tab are as follows:

<table>
<thead>
<tr>
<th>Adjustment Item</th>
<th>Adjustment Value</th>
</tr>
</thead>
</table>
| **Gamma**       | -100(dark) ~ 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)  
                   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.

<table>
<thead>
<tr>
<th>Tab</th>
<th>Options</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Layout</td>
<td>Orientation</td>
<td>Portrait</td>
</tr>
<tr>
<td></td>
<td>Page Order</td>
<td>Front to Back</td>
</tr>
<tr>
<td></td>
<td>Pages Per Sheet</td>
<td>1</td>
</tr>
<tr>
<td>Paper/Quality</td>
<td>Color</td>
<td>Color</td>
</tr>
<tr>
<td></td>
<td>Border</td>
<td>Disable</td>
</tr>
<tr>
<td></td>
<td>Sharpness</td>
<td>0 (Default)</td>
</tr>
<tr>
<td></td>
<td>Color Adjustment</td>
<td>ICM</td>
</tr>
<tr>
<td>Option</td>
<td>Gamma</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Brightness</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Contrast</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Chroma</td>
<td>0</td>
</tr>
<tr>
<td>Color</td>
<td>Paper/Output</td>
<td>(6 x 4)</td>
</tr>
<tr>
<td>Adjustment</td>
<td>Copy Count</td>
<td>1</td>
</tr>
<tr>
<td>Advanced</td>
<td>Print Quality</td>
<td>300 x 300dpi</td>
</tr>
<tr>
<td>(Click [Advanced] button of Layout tab)</td>
<td>Image Color Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ICM Method</td>
<td>ICM Handled by Host System</td>
</tr>
<tr>
<td></td>
<td>ICM Intent</td>
<td>Pictures</td>
</tr>
<tr>
<td>Graphic</td>
<td>Advanced Printing Features</td>
<td>Enable</td>
</tr>
<tr>
<td></td>
<td>Pages per Sheet Layout</td>
<td>Right then Down</td>
</tr>
<tr>
<td></td>
<td>Printer Features</td>
<td>Border</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Overcoat Finsh</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Print Re-try</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2inch cut</td>
</tr>
</tbody>
</table>

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 2. Choose printer: DS-RX1 from a device.
2.5 Print Area

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

<table>
<thead>
<tr>
<th>Paper</th>
<th>Paper Orientation</th>
<th>Image size (width x height)</th>
<th>Image pixel amount (width x height)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(5x3.5)</td>
<td>Portrait 5”x 3.5”</td>
<td>131.1 x 92.1</td>
<td>1548 x 1088 1548 x 2176 3096 x 2176</td>
</tr>
<tr>
<td></td>
<td>Landscape 3.5”x 5”</td>
<td>92.1 x 131.1</td>
<td>1088 x 1548 2176 x 1548 2176 x 3096</td>
</tr>
<tr>
<td>(6x4)</td>
<td>Portrait 6”x 4”</td>
<td>156.1 x 105.0</td>
<td>1844 x 1240 1844 x 2480 3688 x 2480</td>
</tr>
<tr>
<td></td>
<td>Landscape 4”x 6”</td>
<td>105.0 x 156.1</td>
<td>1240 x 1844 2480 x 1844 2480 x 3688</td>
</tr>
<tr>
<td>(5x7)</td>
<td>Portrait 5”x 7”</td>
<td>131.1 x 181.0</td>
<td>1548 x 2138 1548 x 4276 3096 x 4276</td>
</tr>
<tr>
<td></td>
<td>Landscape 7”x 5”</td>
<td>181.0 x 131.1</td>
<td>2138 x 1548 4276 x 1548 4276 x 3096</td>
</tr>
<tr>
<td>(6x8)</td>
<td>Portrait 6”x 8”</td>
<td>156.1 x 206.2</td>
<td>1844 x 2436 1844 x 4872 3688 x 4872</td>
</tr>
<tr>
<td></td>
<td>Landscape 8”x 6”</td>
<td>206.2 x 156.1</td>
<td>2436 x 1844 4872 x 1844 4872 x 3688</td>
</tr>
<tr>
<td>PR (3.5x5)</td>
<td>Portrait 3.5”x 5”</td>
<td>92.1 x 131.1</td>
<td>1088 x 1548 2176 x 1548 2176 x 3096</td>
</tr>
<tr>
<td></td>
<td>Landscape 5”x 3.5”</td>
<td>131.1 x 92.1</td>
<td>1548 x 1088 1548 x 2176 3096 x 2176</td>
</tr>
<tr>
<td>PR (4x6)</td>
<td>Portrait 4”x 6”</td>
<td>105.0 x 156.1</td>
<td>1240 x 1844 2480 x 1844 2480 x 3688</td>
</tr>
<tr>
<td></td>
<td>Landscape 6”x 4”</td>
<td>156.1 x 105.0</td>
<td>1844 x 1240 1844 x 2480 3688 x 2480</td>
</tr>
</tbody>
</table>

2.6 Print Direction

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.
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.
(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”.

![Printer window; DS-RX1 right-clicked menu](image)

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”.

![Delete Printer confirmation window](image)

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](image)

(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 window](image1)

**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 window](image2)

**Fig 3.5** Remove Driver and Package window
(8) When the Print Server Properties confirmation window appears, click on the “Yes” button.

![Print Server Properties confirmation window](image)

Fig 3.6 Print Server Properties confirmation window

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

![Remove Driver Package window](image)

Fig 3.7 Remove Driver Package window

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

(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.

![Print Server Properties]

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”