

DS Series Printers-DS40/DS620A/RX1: Enabling 2-Inch Cuts on Windows

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Overview

Overview The DS40, DS620A and DS-RX1 printers have the ability to cut a 4x6 print into two 2x6 prints. The proper printer driver and firmware versions must be used in order to enable the 2" cuts. The 2" cuts are not available when making 5x7 prints.

NOTE:

When 2" cuts are enabled, all prints will be cut into 2" strips. When full size prints are desired, the feature must be disabled.

DS40

The proper firmware and a hardware modification are required. These are standard starting with printers manufactured in March 2012. The serial numbers for these printers begin with DS4Y250 and up. DS40 printers manufactured before March 2012 can be upgraded with the hardware modification for a flat fee of \$99 which includes return shipping. This includes installation of cutter guide, firmware upgrade, driver CD and return ground shipping. Contact <u>DNP Support</u> to order your hardware upgrade or if you have any questions about this product. Printer drive version 3.2 is required for Windows. It is not available on the <u>DNP website</u> as it can cause damage to a printer not properly equipped for the 2" cuts. This driver is available through <u>DNP Support</u>. The proper firmware is also available from <u>DNP Support</u> if needed.

Support for 2" cuts on a Mac is integrated into the printer drivers that are available on the DNP website.

RX1

The RX1 printer has the firmware and parts already installed to make the 2" cuts. The correct printer driver comes on a CD with the printer when purchased and the latest version is available on the <u>DNP website</u> for both Windows and Mac.

Verify DS40 Firmware Version

NOTE:

PrinterInfo will only work on a Windows computer.

- 1. Download and install the PrinterInfo tool from the DNP Photo website.
 - a. Open a browser window.
 - b. Navigate to <u>http://www.dnpphoto.com/</u> or click the link to go to the website.
 - c. Hover over **Support** until the menu expands.
 - d. Click Drivers & Tools under Downloads.
 - e. Click AGREE on the Software License Agreement.
 - f. Locate **PrinterInfo** under **Utility Apps** in the right column.
 - g. Click on **FULL INSTALLER**.
 - h. Navigate to the location of the downloaded file. The default location is the **Downloads** folder.
 - i. Extract the setup files from the compressed file, setup_PrinterInfo_1.0.22_with.NET-installer.zip.
 - j. Double-click the setup file, setup_PrinterInfo_1.0.22_with.NET-installer.exe, to install the tool. A shortcut will be placed on the Desktop.
- 2. Verify that the DS40 printer is attached to the computer and turned on.
- 3. Launch PrinterInfo from the icon on your Desktop.

4. Click **YES** to continue ONLY if the system is not printing.



5. Verify that the Firmware field reads DS40 1.40.

🖕 PrinterIn	fo 1.0.22								N		X
Printer	Media Size	Media Remaining	Life Counter	5x7/6x8	CounterA	CounterB	Status	Firmware	CVD	Serial Number	
DS40-00	4x6	14	1076	538	1031	1031	STATUS_OK	DS40 1.40	DS40_300_0102.CWD	DS4T91006951	
					Re	fresh		_			

6. If you do not have firmware version 1.40, please download this version from the DNP Photo website at http://www.dnpphoto.com/Support/Downloads/DriversTools.aspx.

Enabling 2" Cuts

Windows XP, Windows 7, Windows 8, and Windows 10

- 1. Open Devices and Printers from the Start menu or from the Control Panel.
- 2. Right-click on the printer.
- 3. Click Printer Properties.
- 4. Switch to the **Advanced** tab.
- 5. Click the **Printing Defaults** button at the bottom of the window.

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eneral	Sharing	Ports	Advanced	Color Manage	ement	Security	Device	Setting
• Alw	ays avail	able						
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Priority	<i>y</i> : 1		*					
Driver:	C	\$40				•	Ne <u>w</u> Dri	ver
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6. Click the **Advanced** button near the bottom of the window.

(=) DS40 Printing Defaults	
Layout Paper/Guality Option Color Adjustmen Qrientation: Page Order: Front to Back Page Format Pages per Sheet 1 • Draw Borders	
	Ad <u>v</u> anced OK Cancel Apply

7. Verify that the selected paper size under **Paper/Output** matches the media loaded in the printer.

NOTE:

The proper paper size must be selected for the printer to make the 2" cuts. The proper size depends on the media being used-6x4 or 6x8.

8. Click the drop-down arrow next to **2 inch cut** under **Printer Features** under **Document Options**.

9. Select Enable (Printer V.1.40 or later).

DS40 4	Advanced Options
	DS40 Advanced Document Settings Paper/Output Paper Size: (<u>6x4</u>) Copy Count: <u>1 Copy</u> Graphic Print Quality: <u>300 x 300dpi</u> Copy Count: <u>1 Copy</u> Graphic Print Quality: <u>300 x 300dpi</u> Copy Count: <u>1 Copy</u> Frint Quality: <u>300 x 300dpi</u> Print Quality: <u>300 x 300dpi</u> Copy Count: <u>1 Copy</u> Frint Quality: <u>300 x 300dpi</u> Copy Count: <u>1 Copy</u> Frint Quality: <u>300 x 300dpi</u> Copy Count: <u>1 Copy</u> Frint Quality: <u>300 x 300dpi</u> Copy Count: <u>1 Copy</u> Print Retures Pages per Sheet Layout: <u>Right then Down</u> Print Re-try: <u>Disable</u> Overcoat Finish: <u>Glossy</u> Print Re-try: <u>Disable</u> Disable Enable (Printer V.1.40 or later) OK Cancel
Inch Cut	Function
Disable	It cuts the selected paper size.
Enable	It cuts 2 or 4 of 2x6 sheets depending on the selected paper size.
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10. Click Ok.

- 11. Click Apply and then Ok to return to the DS40 Properties dialog box.
- 12. Switch to the General tab.
- 13. Click the **Preferences** button at the bottom of the window.

NOTE:

Printing Defaults are applied to any user on the computer unless a user has different settings under **Printing Preferences**. To ensure that the printer will make the 2" cuts, it is best to have **Printing Defaults** and **Printing Preferences** match.

- 14. Click the Advanced button near the bottom of the screen.
- 15. Verify that the selected paper size under Paper/Output matches the media loaded in the printer.
- 16. Click the drop-down arrow next to 2 inch cut under Printer Features under Document Options.

17. Select Enable (Printer V.1.40 or later).

DS40 Advanced Options
im DS40 Advanced Document Settings
· 문화 Paper/Output
Paper Size: <u>(6x4)</u>
Copy Count: <u>1 Copy</u>
🖕 🛄 Graphic
Print Quality: <u>300 x 300dpi</u>
🚊 🧿 Image Color Management
ICM Method: ICM Handled by Host System
ICM Intent: <u>Pictures</u>
🖕 🚋 Document Options
Advanced Printing Features: Enabled
Pages per Sheet Layout: <u>Right then Down</u>
🚊 🐔 Printer Features
Border: <u>Disable</u>
Overcoat Finish: <u>Glossy</u>
Print Re-try: <u>Disable</u>
2inch cut: Disable
Disable
Enable (Printer V.1.40 or later)
La construction de la constructi
OK Cancel

- 18. Click Ok.
- 19. Click Apply and then Ok to return to the DS40 Properties dialog box.
- 20. Click Apply and then Ok to close the DS40 Properties dialog box.

The 2 inch cuts are now fully enabled.

Enabling 2" Cuts When Printing Directly from Windows

The settings under **Printing Defaults** and **Printing Preferences** do not affect the settings used when printing directly from Windows. This also applies to printing from **Windows Photo Viewer**.

NOTE:

When disabling 2" cuts, remember to disable the function here as well.

- 1. Display the **Print Pictures** screen.
 - a. **Right-click** an image anywhere on the computer and click **Print**. **OR**
 - b. Double-click an image to open it in Windows Photo Viewer. Then, select Print from the Print menu.
- 2. Choose the appropriate printer from the **Printer** drop-down.
- 3. Choose the appropriate paper size from the Paper Size drop-down.
- 4. Quality and Paper type can be left as is.

5. Click **Options**.



6. Click Printer Properties.

Print Settings
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
<u>O</u> K <u>C</u> ancel

7. Click the **Advanced** button near the bottom of the screen.

👼 DS40 Document Properties 🛛 🗙
Layout Paper/Quality Option Color Adjustment
Orientation:
▲ Landscape
Page O <u>r</u> der:
Front to Back 🔹
Page Format
Pages per Sheet 1
Draw Borders
Ad <u>v</u> anced
OK Cancel

- 8. Verify that the selected paper size under **Paper/Output** matches the media loaded in the printer.
- 9. Click the drop-down arrow next to 2 inch cut under Printer Features under Document Options.
- 10. Select Enable (Printer V.1.40 or later).



Contact DNP IAM Technical Support

If you are still experiencing issues, contact DNP IAM using one of the following methods: **United States Phone**: 1-855-367-7604 or (724) 696-8957 **Latin America Phone**: 1-855-367-8008 or (724) 696-8958 **Email**: dnpsupport@dnp.imgcomm.com **Weekday Hours**: Monday-Friday 9am EST – 6pm EST **Weekend Hours**: Saturday and Sunday Closed