

DS-Series™ & RX-Series Printers Installing Color Profiles

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A color profile is a file that specifies how a particular device in a particular situation handles color. When a DNP printer is installed, a color profile or International Color Consortium (ICC) color profile is installed. The file will have the file extension .ICM. Different color profiles can be added and assigned to a printer to correct specific issues if required or when new profiles are released.

Installing the Profile in Windows® 7 or Windows 8

NOTE:

The images used in this section are from a Windows 7 system and are for reference only. Use the same steps to add the new color profiles to a Windows 8 system.

Printer	ICM Name
DS40 Printer	DS40_20140228.icm
DS80 Printer	DS80_20140228.icm
RX1 Printer	RX1_20140228.icm

- Copy the ICM file and paste it in the following location: C:\Windows\System32\Spool\Drivers\Color
- 2. From the control panel or the Start menu, locate the **Devices and Printers** option.
- 3. When the Devices and Printers window opens, locate your printer and right-click on the desired printer.



- 4. Select **Printer Properties** from the drop-down menu.
- 5. From the Printer Properties menu, select the **Color Management** tab, then click the **Color Management** button.



6. Select your printer from the **Device** drop-down list.

Color Management	ed	×
Device: 💐	Display: 1. ThinkPad MaxBright Display 1600x	900 - Intel(R) HD Graphics 4000 🔹
Profiles associated with the	2152	
ICC Profiles		
Lenovo ThinkPad MaxB		
	Printer: DS40 Printer: Fax Printer: HP Photosmart C6100 Printer: Microsoft XPS Document Writer Printer: Sndt D OpeNicta 2013	
Add Re	move	Set as Default Profile
Understanding color mar	nagement settings	Profiles
		Close

7. Verify that Use my settings for this device is checked and that Profile selection is set to Manual.

	Use my settings for this device		Identify monitors
Profiles associated	Manual with this device:		
Name		File name	
-		-	
		\searrow	

8. Click the Add button under the Profiles associated with the device section.

Device:	Printer: DS40		
	Use my settings for this device	[Identify monito
Profile selection:	Manual		
Profiles associated with t	his device:		
Name		File name	
ICC Profiles IMSA_DS40_2014-02-28	_BL(ushi) (default)	D\$40_20140228	Licm
		6	

9. From the list of available ICM files, select the correct ICM file, and click OK.

Ass	ociate Color Profile		×
	Choose a profile from the list of profiles installed on the system.		
	Name	File name	*
	ICC Profiles		
	sRGB IEC61966-2.1	sRGB Color Space Profile.icm	
	IMSA_RX1_2014-02-28_BL (ushi)	RX1_20140228.icm	
	RX1_110511_44	RX1.icc	=
	Agfa : Swop Standard	RSWOP.icm	
	ds80_g47_50_20131009	ds80_g47_50_20131009.icm	
	IMSA_DS80_2014-02-28_BL (ushi)	D\$80_20140228.icm	
	IMSA_DS40_2014-02-28_BL(ushi)	DS40_20140228.icm	
	de40 a47 50 20131009	DS40CorrectRed icm	*
	Browse	OK Can	el

ATTENTION:

Make sure to load the correct ICM for the printer (DS40, DS80, and RX1). If the wrong profile is loaded, select the incorrect profile on the **Color Management Tab**, and click **Remove** before adding the correct profile.

As stated in the instructions in step 1 on page 3, the new ICM profile is located in the following directory: C:\Windows\System32\Spool\Drivers\Color

10. Verify that the new ICM is displayed under the *Profiles associated with the device* section. Do this by checking that the ICM file name matches the printer ICM name in the chart at the beginning of this section (shown with a red arrow in the image below).

Device: Printer: DS40	
✓ Use my settings for this device	Identify monitors
Profile selection: Manual	
Profiles associated with this device:	
Name	File name
Profiles	
Add <u>Remove</u>	Set as Default Profile

NOTE:

The old ICM file will still be designated as the default ICM at this point (highlighted in blue in the image).

11. After verifying that the new profile is loaded, click the **old profile** to select it, then click **Remove**.

Color Management		
Devices All Profiles Advan	ced	
Device:	Printer: DS40	•
	<u> </u>	Identify monitors
Profile selection:	Manual	•
Profiles associated with	this device:	
Name		File name
ICC Profiles		
DS40_121220-10 (defau	lt)	DS40.icm
IMSA_DS40_2014-02-28	B_L(ushi)	DS40_20140228.icm
Add R	emove	Set as Default Profile
Understanding color ma	nagement settings	Profiles
		Close

- 12. The newly loaded ICM profile is now the default profile. If "(default)" is not displayed next to the profile name, select the profile, then press the **Set as Default Profile** button.
- 13. Close the Color Management window by pressing the **Close** button in the lower right corner of the window.
- 14. Select the **Advanced** tab.
- 15. Click **Printing Defaults** button at the bottom. These settings are applicable to all Windows user accounts. The Printing Preferences option will still override this if configured by a user.

🖶 DS40 Properties	to a			,
General Sharing Ports	Advanced	Color Management	Security	Device Setting
 Always available Available from 	12:00 AM	To	12:00	AM ×
Priority: 1	▲ ▼			
Driver: DS40			-	New Driver
Start printing immediately Print directly to the printer				
Hold mismatched d	locuments			
Print spooled documents first				
Enable advanced printing features				
Printing Defaults	Prin	t Processor	Separa	ator Page
		ОК	Cancel	Apply

16. Select the General tab in the Printer Properties window and click the Preferences... button

🖶 DS40 Properti	es					×
General Sharing	g Ports Advanc	ed Cold	or Management	Security	Device Se	ttings
æ	DS40					
Location:						
Comment:						
Model:	DS40					
Features						
Color: Yes			Paper available	e:		
Double-side	ed: No		(6x4)			*
Staple: No						
Speed: Unk	nown					
Maximum r	resolution: 600 dpi					Ŧ
		Prefere	ences	Print	Test Page	
L		_				
			ОК	Cancel	A	oply

- 17. Select the **Option** tab.
- 18. Select **ICM & Driver (M)** in the *Color Adjustment* section. This will enable ICM (color management) and color adjustment and is the preferred setting.

Layout	Paper/Quality	Option	Color Adjustment	
🔲 Boi	rder			
Sharpr	iess(H) : 0 (De	fault)	•	
Color	Adjustment			
© N	lone (N) 🛛 🔘 I	Handled b	y Driver (J) 🛛 🔘 I	ICM (I)
I	CM & Driver (M)]		

19. Click Apply.

20. On the Layout tab, click on the Advanced button.

🖶 DS40 Printing Preferences	
Layout Paper/Quality Option Color Adjust	tment
Orientation:	
A Portrait	
Page Order:	
Front to Back 🔹	
Page Format	-
Pages per Sheet 1 👻	
Draw Borders	
	=-
	Advanced
	OK Cancel Apply

21. In the Advanced Options window, locate the Image Color Management option and select **ICM Handled by Host System**.



22. Close any open system windows.

Repeat these instructions for the any other printers before rebooting the computer.

Installing the Profile in Mac OS v10.4 and Newer

- Copy the ICC file and paste it in the following location: /Mac HD/Library/Colorsync/Profiles/Profiles
- 2. The ICC profile is now ready for use in any of your software applications that require an ICC profile.

NOTE:

In newer versions of Mac OS, the system may prompt for the administrator password to install a new color profile.

3. Close any open system windows.

Installing the Profile in Windows XP

- 1. Copy the ICM file and paste it in the following location:
 - C:\Windows\System32\Spool\Drivers\Color
 - 2. From the Printers and Faxes folder, right-click on the desired printer, and select **Properties** from the drop-down list.



3. From the Printer Properties menu, select the Color Management tab.

DS40 Properties
Color Management Security Device Settings General Sharing Ports Advanced
Location:
Comment
Mgdel: DS40
Features
Lolor: Yes Paper available:
Staple: No
Speed: Unknown
Maximum resolution: 600 dpi
Printing Professionan Print Test Pres
OK Cancel Apply

Printer	ICM Name
DS40 Printer	DS40_20140228.icc
DS80 Printer	DS80_20140228.icc
RX1 Printer	RX1_20140228.icc

- 4. On the Color Management tab, under the *Color Profiles currently associated with the printer* section, click the **Add** button.
- 💩 D540 Properties <u>? ×</u> General Sharing Color Management Ports Advanced 5. The default folder for saved ICM M file saved in the directory in Step 1: Security Device Settings These settings let you associate color profile(s) with your color printer. Color profiles control the color on your printer based on the type of media being used and the printer configuration. C:\Windows\System32\Spool <u>^</u>] 6. Select the correct ICM profile, clic • Auto Windows will automatically select the best color profile from the list of associated color profiles [Recommended] Manually select the default color profile for all output from this device from the list of associated color profiles Ma Add Profile Asso Default color profile: DS40_0101 Look in: 🗀 icm Color Profiles currently associated with this printer: DS40 DS80 Ò DS40 0 My Recent ARX1_ B -Add. Remove My Documents OK Cancel My Computer DS40_20140228.icm File name ~ Add Files of type: My Network Color Profiles (".icm;".icc) v Cancel

ATTENTION:

Make sure to load the correct ICM for the printer (DS40, DS80, or RX1). If the wrong profile is loaded, select the incorrect profile on the **Color Management Tab**, and click **Remove** before adding the correct profile.

7. Verify that the new ICM is displayed under the *Color Profiles currently associated with the printer* section (shown with red arrow).

General	Sharing	Ports	Advanced
Color	Management	Devi	ce Settings
These printe type of	e settings let you assoc r. Color profiles control of media being used an	iate color profile(s) the color on your pr d the printer configu	with your color inter based on th uration.
Automatic	: Windows will automa the list of associated	tically select the be color profiles [Reco	est color profile fr ommended]
O <u>M</u> anual:	Manually select the o this device from the l	lefault color profile ist of associated co	for all output fron olor profiles
	Default color profile:	DS40 0101	
Color Profiles	currently associated wi	th this printer:	
Color <u>Profiles</u> DS40.ic DS40_2	currently associated wi m 0140228.icm	th this printer:	~
Color Profiles DS40.ic	currently associated wi m 0140228.icm	th this printer:	<u>S</u> et As Default

- 8. After verifying that the new profile has been loaded, click on the old profile to select it and click **Remove**. The new profile is now the default profile.
- 9. Select the **General** tab in the Printer Properties window to open the General Properties tab. Click **Printing Preferences**.
- 10. On the Layout tab, click on the Advanced button.



- 11. In the Advanced Options window, locate the Image Color Management option.
- 12. Make sure that ICM Handled by Host System is selected.

DS40 Advanced Options	_ X			
🚌 DS40 Advanced Document Settings				
📄 🖕 🔄 Paper/Output				
Paper Size: (6x4)				
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: Pictures				
📄 👘 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>				
Fint Re-try: Disable				
OK Canc	el			

13. Close any open system windows.

Repeat these instructions for the any other printers before rebooting the computer.

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