EPSON SureColor SC-S8100 Series contone driver

This document describes the supported features and options of the EPSON SC-S81X0 CT printer driver for Fiery XF.

Supported printers

- EPSON SureColor SC-S8100 (Europe, Middle East, Soviet Union)
- EPSON SureColor SC-S8170 (America, Canada)
- EPSON SureColor SC-S8160 (Australia, New Zealand)
- EPSON SureColor SC-S8140 (Korea)
- EPSON SureColor SC-S8150 (Japan)
- EPSON SureColor SC-S8130 (Southeast Asia)
- EPSON SureColor SC-S8180 (China, Hong Kong)

Driver Names

I. **EPSON SC-S81X0 CT** (appearance in Fiery XF)

Supported OS

- Windows 64
- *Mac OS X not supported*

License

You require a license for Printer Option Group 6

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Technical specifications

Item	SureColor SC-S8100
Printer width	64 inches
Ink set	Epson UltraChrome GS3 Ink 6 colors: C/M/Y/BK/LC/LM
Print resolution and target speed (m2/h)	300 x 600 600 x 600 1200 x 600 1200 x 1200
Custom paper #	Custom paper: 1-50
Custom paper setting	Epson Edge Dashboard software manages custom paper settings.
Auto adjustment	PF, bi-di adjustment
Additional dryer	Optional equipment

Connection

USB: USB3.0 SuperSpeed
Wired LAN: 1000Base-T - Print via TCP port 9100

Color mode

- CMYK

Ink configuration

- EPSON UltraChrome GS3 ink

Media source

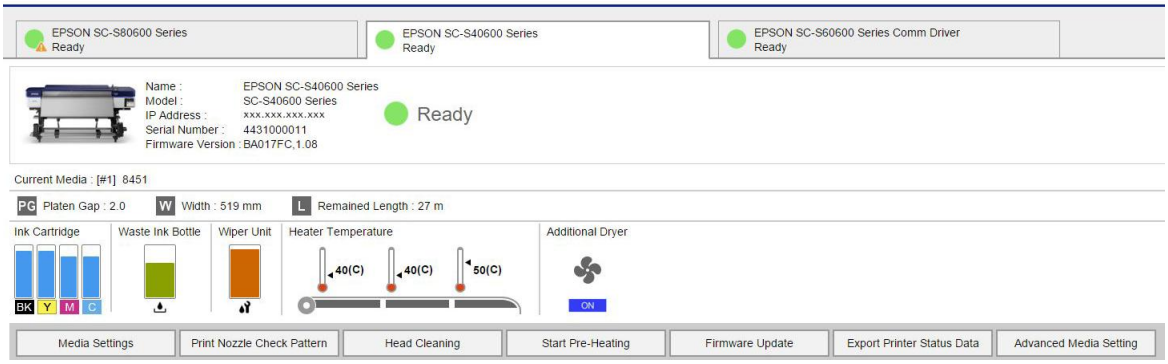
- Roll

Preparation

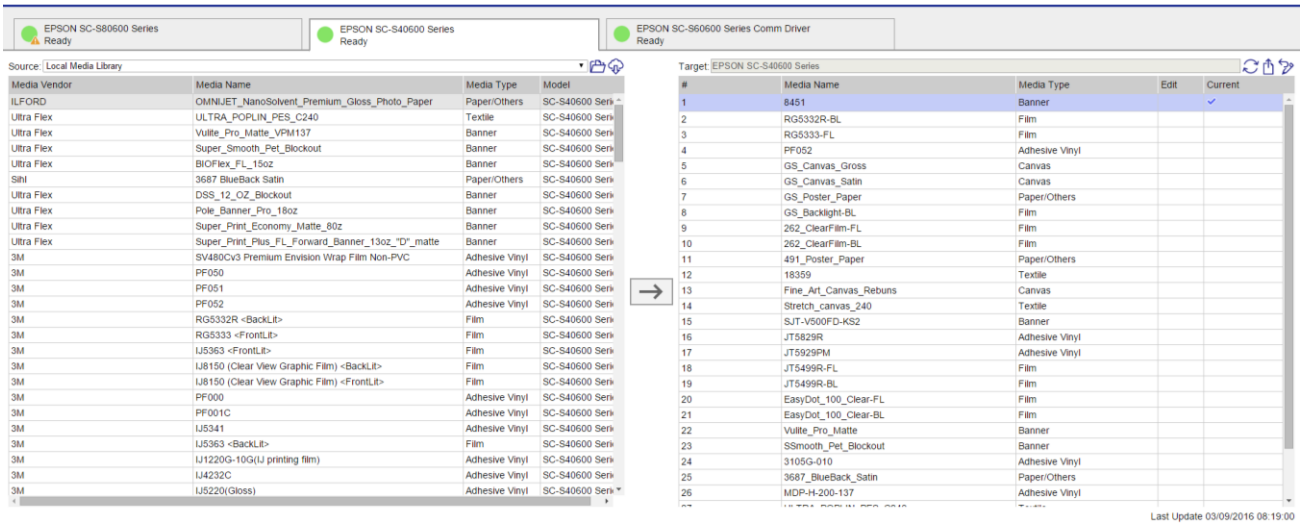
Before you can use the Epson SureColor printer in the FIERY RIP software, you must first install and set up Epson Edge Dashboard. Go to www.epson.sn to download and install the latest printer driver and Epson Edge Dashboard.

After installing the software, register your printer using the Epson Edge Dashboard. It is possible to register up to four printers. For more information on printer registration, see the Epson documentation.

If everything is set up correctly it should look like this:



The next step is to download the media settings. You can do this by clicking Media Settings in Epson Edge Dashboard.

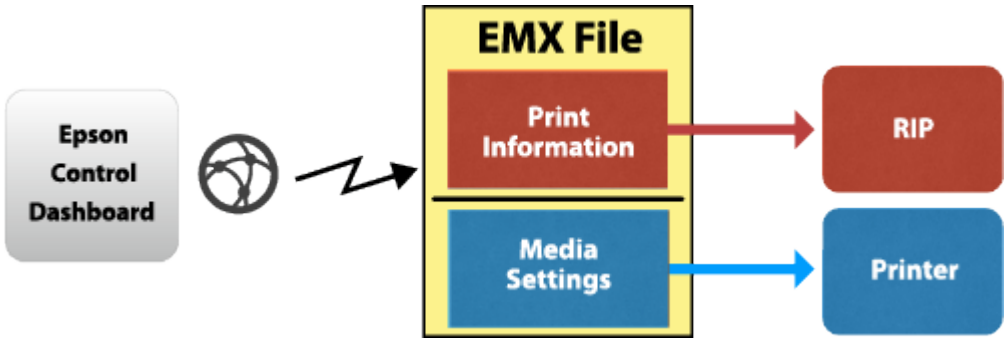


Once you have the media settings in the Source (Local Media Library), the next step is to send the data from the Source (Local Media Library) to the Target (the printer)

You can perform the following operations from this screen:

- Download print setting files (EMX files) provided by Epson
- Register media settings in the EMX file to the printer
- Edit parameters

For more detailed information, see the documentation provided by Epson.



After the media are registered in the printer, the system is ready to use with the FIERY RIP software.

Integration into Fiery XF

Media list from printer

To transfer the media list to Fiery XF, set up the output device in Fiery XF for the appropriate printer model, including the IP address. As soon as you save your settings, all the available media information and ICC profiles from the Target (printer) list are downloaded using Epson Edge Dashboard.

Next, Fiery XF creates EPL files for each media registered in the printer. This process can take some time and depends very much on your PC. Wait at least one minute before checking the media list. If the list does not appear, restart the Fiery XF server.

Media List from EMX file

Alternatively, you can drop an EMX file into this folder:

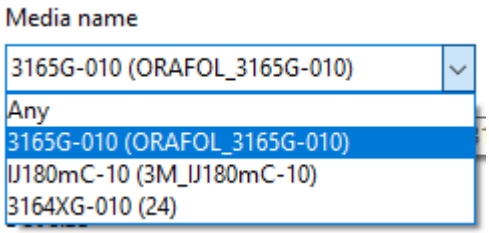
C:\ProgramData\EFI\EFI XF\Server\Temp\EpsonEmxHotfolder

Like for the printer, media information and ICC files will be downloaded from the Dashboard and EPL files will be created.

This is useful if another Dashboard is already connected to the printer, but that Dashboard is not accessible. It works even without a Comm driver.

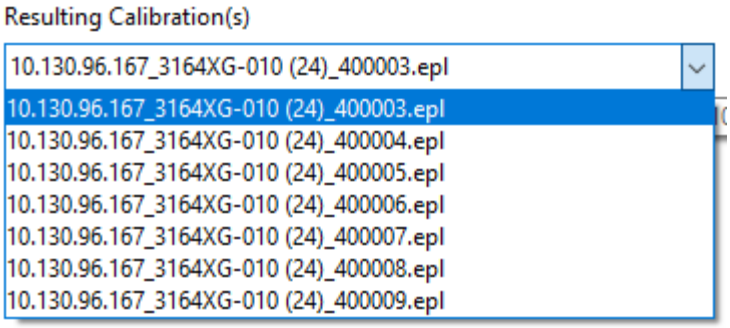
The screenshot below shows an example of how registered media types are displayed in Fiery XF:

The last entry is from Custom Paper Setting 24 of the printer. This number appears in the main screen on the

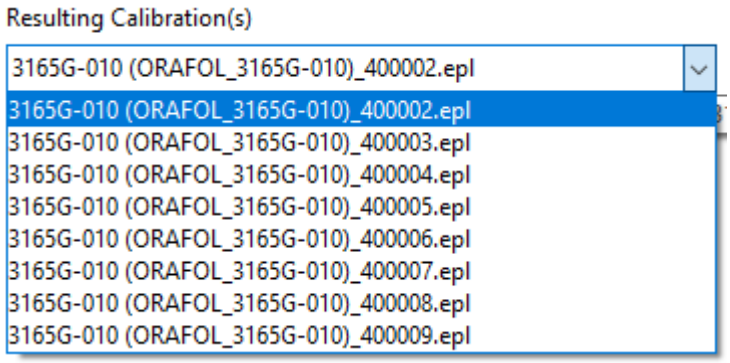


printer's control panel. The name is the same as shown on the printer's control panel media menu. The other entries are from EMX files. In that case the file name minus the initial "S81 "is shown in parentheses.

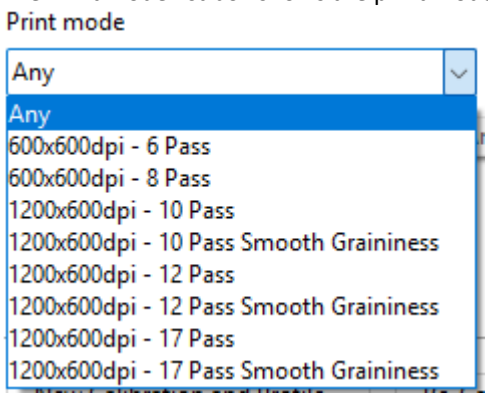
You can now select one of the downloaded, registered media. Depending on the selected media, multiple EPLs may be available. You can see if it is from the printer…



… or from an EMX file:



The Print mode list box shows the print modes by name:



Every EPL represents a different combination of printer resolution and print quality.

Note: There is no need to repeat the procedure for additional media downloaded through Epson Edge Dashboard. You just need to make sure that the downloaded media is registered properly at the Epson printer itself using Epson Edge Dashboard.

Printing

The User's guide asks you to choose the media setting number once you have loaded the media. In our example above it would be setting 24. This setting will be used. The Fiery XF driver will NOT change the media setting number of the printer.

Then choose a matching media type in Fiery XF:

- If you have registered the EMX on the printer, choose the media type which has the number in parentheses, e.g. "3164XG-010 (24)"
- If you have just the EMX file, choose the media type which should be most close to what is on the printer, e.g. "3165G-010 (ORAFOL_3165G-010)"

Supported Resolutions and Print Modes:

Media Name	Quality Name	Rip Resolution	Print Resolution	
			X Res	Y Res
4000 (Adhensive Vinyl)	600x600dpi - 2 Pass	300 x 300	300	600
	600x600dpi - 4 Pass			
	600x600dpi - 5 Pass			
	1200x600dpi - 6 Pass			
	1200x600dpi - 7 Pass			
	1200x600dpi - 8 Pass			
	1200x600dpi - 9 Pass			
	1200x1200dpi - 13 Pass			
	1200x1200dpi - 16 Pass			
4005 (Bannerr)	300x600dpi - 1 Pass	300 x 300	300	600
	300x600dpi - 2 Pass			
	300x600dpi - 2 Pass HQ			
	300x600dpi - 3 Pass			
	300x600dpi - 3 Pass HQ			
	600x600dpi - 4 Pass			
	1200x600dpi - 6 Pass			
	1200x600dpi - 7 Pas			
	1200x600dpi - 9 Pass			
4011 (Film Backlit)	1200x1200dpi - 13 Pass	300x300	300	600
	1200x1200dpi - 16 Pass			
	1200x1200dpi - 23 Pass			
4012 (Film Frontlit)	1200x1200dpi - 13 Pass	300x300	300	600
	1200x1200dpi - 16 Pass			
	1200x1200dpi - 23 Pass			
3003 (Canvas)	600x600dpi - 2 Pass	300 x 300	300	600
	600x600dpi - 4 Pass			
	600x600dpi - 5 Pass			

	1200x600dpi - 6 Pass			
	1200x600dpi - 7 Pass			
	1200x600dpi - 8 Pass			
	1200x600dpi - 9 Pass			
	1200x1200dpi - 13 Pass			
	1200x1200dpi - 16 Pass			
3004 (Textile)	600x600dpi - 2 Pass	300 x 300	300	600
	600x600dpi - 4 Pass			
	600x600dpi - 5 Pass			
	1200x600dpi - 6 Pass			
	1200x600dpi - 7 Pass			
	1200x600dpi - 8 Pass			
	1200x600dpi - 9 Pass			
	1200x1200dpi - 13 Pass			
	1200x1200dpi - 16 Pass			
6002 (Paper/Other)	600x600dpi - 2 Pass	300 x 300	300	600
	600x600dpi - 4 Pass			
	600x600dpi - 5 Pass			
	1200x600dpi - 6 Pass			
	1200x600dpi - 7 Pass			
	1200x600dpi - 8 Pass			
	1200x600dpi - 9 Pass			
	1200x1200dpi - 13 Pass			
	1200x1200dpi - 16 Pass			

Supported Options

- **Text Sharpness**: Mode for sharpening the edges of text and images, which is particularly effective when printing small white letters on a black background.

FAQ

Question	Answer
Can I use Fiery XF without Epson Edge Dashboard	Not entirely. Epson Edge Dashboard must be either installed on the same computer or accessible in the same network (exactly one installation)
Can I use EMX files	Yes of course
Can I take a generated EPL and create my own ICC profile?	Yes.
Can I create an EPL in Color Tools and create my own ICC profile?	Yes.
If the media setting on the printer was created only at the printer (using Easy Media Setup), not by Dashboard: Can I create an EPL in Color Tools and create my own ICC profile?	Yes.
Can I take my calibration sets to another Fiery XF?	Not directly. Export the EMX file and media settings and register those on the other printer. Then you will get calibration sets with same content and have your settings on the printer. Once that is established, you can also use calibration sets you created yourself.

Media types

The following sections list all the available media types per printer model.

Note: The EPLs created from the files downloaded through Epson Edge Dashboard do not always support all the combinations listed below.

Change History

Version	Date	Description	Updated by	Affected XF Versions
v1.0	11-July-25	First version	Nikhil Agarwal	Fiery XF 8.0.6
v1.1	11-Aug-25	Updated Supported Printers list	Nikhil Agarwal	Fiery XF 8.0.6