SII ColorPainter M-64s

Introduction

This document bridges the gap between the Fiery XF documentation and SII ColorPainter M-64s documentation.

Refer to the Installation section before you connect the printer to a computer. The Operation section has information on profile generation and everyday use.

General settings

Fiery XF Model	Description	Supported
SII ColorPainter M-64s (IP-6620) SX ink	M-64s SX USB printer model with the following ink configurations • CMYKcm • CMYKcmk	Yes
SII ColorPainter M-64s (IP-6620) WX ink	M-64s WX USB printer model with the following ink configurations • CMYKcm	Yes

Installation

The SII ColorPainter M-64s SX and SII ColorPainter M-64s WX are special USB 2.0 high-speed (480Mb/s) devices.

- The recommended USB cable is in the printer box. For cabling requirements, go to http://www.usb.org/about/faq/
- PC server only: The Macintosh server is not supported.
- This device can consume up to ~13MB/s of print data. A four-core CPU, e.g. Core 2 Quad is recommended.
- Install Fiery XF 6.3. This is the first version of Fiery XF that supports this printer.
- The printer requires a specific USB driver. The IPXUSB.INF file is located in the Tools\USB Printer folder. You will need the IPXUSB.INF file as soon as you connect the USB cable for the first time.
- When you connect the USB cable for the first time, follow the Windows instructions and specify the folder containing the IPXUSB.INF file. After successful installation you will see the printer device SII IP-6620 in the USB controller tree.

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- To configure the Fiery XF output device:
  - On the Printer pane, select your device type, e.g. “SII ColorPainter M-64s (IP 6620)”.
  - On the Port pane, select “Print via Port”, and then select your printer. Note that you cannot select the printer as a system printer or connect it via the network.

Operation

Print margins

“Edge Guard” and “Color Stripe” are configurable in the media settings of the printer’s control panel. For more information, refer to the printer’s operation manual.

The following table shows how the left and right print margins depend on the use of Edge Guard and Color Stripe:

Left/right	No color stripe	Color stripe
No Edge Guard	5mm / 5mm	5mm / 30 mm
Edge Guard	10mm / 10mm	10mm / 35 mm

Configure the Fiery XF media size according to the printer’s “Edge Guard” and “Color Stripe” settings, especially if you want to use the full printable width of the media. In Fiery XF the settings are available on the Media pane for the output device.

The bottom margin for cut sheet paper is 145mm.

Printer settings

- Quality and speed settings

  Fiery XF uses the terms “resolution”, “color mode” and “print mode”.

- Print modes

  The SII ColorPainter M-64s SX printer supports 12 print modes. The following table gives an overview:

Res. (dpi)	Print mode	Passes	Dot size (pl)	Ink droplets (%)
360 x 180	DRAFT	3	83.19	93
360 x 360	FAST PRODUCTION	4	42.51	95
360 x 360	PRODUCTION	6	43.43	97
360 x 360	PRODUCTION HIGH DENSITY	6	62.57	139
540 x 360	STANDARD	6	31.29	104

Res. (dpi)	Print mode	Passes	Dot size (pl)	Ink droplets (%)
540 x 360	STANDARD HIGH DENSITY	6	55.91	187
540 x 540	QUALITY	9	31.29	157
540 x 540	QUALITY HIGH DENSITY	9	35.86	180
720 x 720	HIGH QUALITY	12	11.23	100
720 x 720	HIGH QUALITY HIGH DENSITY	12	22.46	200
900 x 900	MAX QUALITY	15	11.23	156
900 x 900	MAX QUALITY HIGH DENSITY	15	22.46	313

In the Color Tools / Lin Too, different print modes are available for each resolution. “Color mode” lets you choose between CMYKcm inks and CMYKcmk inks.

The SII ColorPainter M-64s WX printer supports 8 print modes. The following table gives an overview:

Res. (dpi)	Print mode	Passes	Dot size (pl)	Ink droplets (%)
360 x 360	FAST PRODUCTION	4	42.51	95
360 x 360	PRODUCTION	6	43.43	97
540 x 360	STANDARD	6	31.29	104
540 x 540	QUALITY	9	31.29	157
720 x 720	HIGH QUALITY	12	11.23	100
720 x 720	HIGH QUALITY HIGH DENSITY	12	22.46	200
900 x 900	MAX QUALITY	15	11.23	156
900 x 900	MAX QUALITY HIGH DENSITY	15	22.46	313

In the Color Tools / Lin Too, different print modes are available for each resolution. “Color mode” lets you choose only CMYKcm inks.

- Dot size

  The printer supports variable dot size. The Fiery XF dot size setting can be used to pre-limit the ink between 70% and 100%.

- Creating profiles

  Please always check the control panel settings – they may override the RIP settings or otherwise affect print quality. At least, keep the Heater, and Print Head Height settings.

- ONLINE and CANCEL buttons
  - Pausing: You can pause printing by pressing ONLINE. You can resume printing at any time.
  - Cancelling: From pause mode you can cancel the job by pressing CANCEL. Note: During the preheating phase this is the safest way to cancel a print job.
- Option support

  Some options are not supported by the user interface. Some ticket hacks are available, which may help in some situations (at your own risk).

  - Top / Bottom feed

    The top/bottom feed is set to 5mm.

    Ticket hack: You can use the keys "Output/Prn/Specific/TopFeed" and "Output/Prn/Specific/BottomFeed" to set other values in mm.

  - Media length correction

    The media length correction value from Fiery XF is executed by the printer.