Image Scanner

fi-5650C

TECHNICAL SPECIFICATIONS

The fi-5650C image scanner with dual interface capability (Ultra SCSI and USB 2.0) expands the market for production scanning.

- **High speed scanning at high resolution and superior image quality:**
  - 30 ppm/60 ipm (Letter landscape at 600 dpi)
  - 55 ppm/110 ipm (Letter portrait at 300 dpi)

- **Superior paper handling:**
  - 200 page ADF capacity
  - Ultrasonic method multi-feed detection
  - De-skew & auto-cropping (TWAIN & ISIS driver)
  - Straight paper path and easy maintenance

- **Excellent image quality:**
  - Optical resolution 600 dpi
  - Image processing software (optional)

- **Ease of placement:**
  - Closable operating panels located on left and right side of unit permit unit to be placed against a wall or in corner without affecting operability

- **Imprinter (Optional):**
  - Imprinter simplifies document management by permitting document name or codes to be printed on scanned document.

Scanner type			ADF (Automatic Document Feeder); Single-pass colour; Duplex scanning
Image sensor type			Colour CCD (Charged Coupled Device) image sensor x 2
Light source			White cold cathode discharge lamp
Optical resolution			600 x 600 dpi
Output resolution	Colour		50 to 600 dpi
	Greyscale		50 to 600 dpi
	Binary		50 to 600 dpi
Internal video processing			30-bits
Output	Colour		24-bits / pixel
	Greyscale		8-bits / pixel
	Binary		1-bit / pixel
Scanning speed (Mechanical)	Portrait (Letter)	200 & 300 dpi	55 ppm / 110 ipm (Colour & Binary)
		600 dpi	23 ppm / 46 ipm (Colour & Binary)
	Landscape (Letter)	200 & 300 dpi	70 ppm / 140 ipm (Colour & Binary)
		600 dpi	30 ppm / 60 ipm (Colour & Binary)[1]
Document size	Minimum	ADF	2.1" x 2.9" (53 x 74 mm)
	Maximum	ADF	12" x 34" (304.8 x 863.6 mm)
Document weight	Letter size or smaller		51 to 203 g/m², or 11 to 54 lbs.
	Over Letter size		52 to 203 g/m², or 13.9 to 54 lbs.
Capacity (Maximum)	Chute		200 sheets at Letter, 20 lbs. or 80g/m²
	Stacker		300 sheets at Letter, 20 lbs. or 80g/m²
Interface			Ultra SCSI (Half-pitch 50-pin) USB 2.0 (USB 1.1 compatible)
Connector shape			Half-pitch 50 pin
Halftone patterns			Error diffusion, dither
Voltage or voltage range			100-240 V AC, ±10%, 50 / 60 Hz
Power	Operating		216 W
	Sleep mode		Less than 6 W
Operation environment	Temperature		5 to 35°C (42 to 95°F)
	Relative humidity		20 to 80% (Non-condensing)
Dimensions	Width		639 mm (25.6")
	Depth		428 mm (17.1")
	Height		296 mm (11.7")
Weight			17 kg (37 lbs.)
Options			Imprinter (Post scan print) P/N fi-565PR
Others	Multi-feed detection		Ultrasonic sensor and length check sensor
	Image enhancement		Standard: Auto cropping and auto deskew Optional: Software IPC and Virtual ReScan
	Long page scanning		Up to 200 meters, binary/greyscale/colour
	Paper counter		Standard

1) 30 ppm / 60 ipm @ Letter, 600 dpi, colour scanning speed requires optional scanner memory. Scanning speed @ 600 dpi, Letter, colour is 24 ppm / 48 ipm without optional memory