RICOH
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RICOH fi-8950, fi-8930, fi-8820

☑ Scanners

The RICOH fi-8950, fi-8930 and fi-8820 Image Scanners offer you the performance, reliability and usability, to maximise productivity. The result? A highly flexible, resilient and cost-effective scanning operation.

Changing the rules for high volume scanning

These scanners are optimised for heavy-duty environments. With a generous Automatic Document Feeder capacity of either 500 or 750 sheets and fast speeds of up to 150ppm, they are designed to handle continuous scanning of large volumes of documents.

Consistent performance is ensured by high-speed USB 3.2 or Gigabit LAN connectivity, and the fact that their wide 105° opening angle and internal LED lights make them easy to maintain.

Stoppages are avoided and time is saved thanks to state-of-the-art paper protection features such as Stapled Documents Detection and Automatic Skew Correction*. The Intelligent Multi-Feed Function also understands when to stop for labels, sticky notes or photos, and when not to..

Many different types of documents can be handled without fuss or interruption because of the two feed paths in each model; the classic U-turn ADF, and the straight-through path which accepts documents up to 1.25mm thick. And mixed batches are no problem thanks to the Automatic Profile Selection feature.

RICOH Image Scanners deliver industry-leading OCR accuracy rates and exceptional image quality. This is achieved through a combination of our unique Clear Image Capture technology, and PaperStream IP driver which also removes noise and optimises file sizes for lower-cost storage.

RICOH fi-8950, fi-8930 and fi-8820 Image Scanners offer a complete package for high volume scanning. The hardware comes with its own PaperStream software, but can be flexibly deployed with any other capture application. They've also been optimised for use with industry-leading PaperStream Capture Pro software. Tiered service plans and fixed-cost consumables and replacement parts offer predictable running costs.
Back and front-side post-imprinting options are also available.

Engineered by the world leader in document scanners with decades of market-leading innovation and expertise, RICOH Production scanners also bring the reassurance of the most trusted scanning solutions on the planet.

This is the scanner that combines an incredibly intuitive user experience with versatile network connectivity and unmatched image quality. It's the multi-faceted scanning solution your digital transformation demands.

Optimised for Heavy Duty Environments

Fast speeds, Large Capacity

With a choice of scanning speeds up to 150ppm and ADF capacities of 750 sheets (fi-8950 & fi-8930) or 500 sheets (fi-8820) this range is designed to handle the continuous scanning of large volumes of documents.

Tough, Durable and Easy to Maintain

Durable, easy-to-maintain construction ensures consistent performance. Internal LED lights switch on automatically the moment the scanner is opened. And a 105° wide opening angle means servicing is quick and efficient. The daily cleaning mode ensures your scanner remains in peak condition.
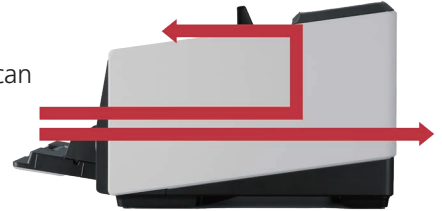
Reliably Fast Connectivity

Both USB 3.2 and Gigabit LAN options are available on each model - providing high-speed, reliable connectivity and ensuring data can be transferred quickly and accurately.

Designed to Maximise Productivity

Easily Handles Different Document Types

Incorporating both U-turn and straight-path scanning, many different document types can be handled without fuss or delay. Even documents up to 1.25mm in thickness can be accommodated via the straight-through path scanning option.

Dual-path feeding

Industry-leading Paper Protection Technology

Costly delays and potential damage are avoided thanks to industry-leading paper protection features such as Stapled Documents Detection. In addition, Automatic Skew Correction* ensures uninterrupted, consistent feeding, even when documents are loaded at an angle.

Intelligent Multi-Feed Function

The intelligent Multi-Feed Function (iMFF) assesses and understands both when to stop for sticky notes or photos attached to documents, and when to ignore them and continue the scan.

Eliminate Mixed Batch Preparation

The Automatic Profile Selection feature can also eliminate the time and effort needed to sort batches into different document types, by automatically applying the correct scan profile to recognised forms.

Reduce Post-Scan Effort

Enhanced paper ejection and stacking control ensure scanned documents are neatly stacked and ready to be lifted from the tray with ease.

Industry Leading OCR Accuracy

RICOH's unique Clear Image Capture technology delivers industry-leading OCR accuracy rates and exceptional image quality.

Optimised File Sizes for Low-Cost Storage

RICOH's PaperStream IP driver supplied with every scanner removes noise and optimises file sizes for lower-cost storage.

Ergonomic Design

Ergonomic operator-centric design means control buttons are easy to access and the instrument panel is angled towards the user for greater efficiency. At 23kg in weight and with comfortable hand grips, these scanners are designed to be easily transportable.

*Feature not available on fi-8820

A Complete Package for High Volume Scanning

Capture Software Flexibility

The range has been developed so that it can be deployed with greater flexibility across the operation. All scanners are supplied with PaperStream Software, including the PaperStream IP driver, PaperStream ClickScan and Paperstream Capture. They can also be used with any of the leading alternative capture software packages.

And specifically, these scanners have been optimised to work with the industry leading Paperstream Capture Pro, premium multi-station software option.

Predictable Running Costs

Keep control of running costs with tiered service plans and fixed cost consumables and replacement parts to match your operational budget.

Post-Imprinting Options

To help track and manage documents, post-imprinting options for date, time and index numbers are available for back or front-side printing.

PaperStream IP
A scanner driver that cleans and optimises image files for faster, lower-cost access and storage.

PaperStream IP Net
For flexible, adaptable capture architectures.

PaperStream Capture
Streamlines and automates capture into workflows.

PaperStream ClickScan
Ad-hoc scanning with a single touch.

Scanner Central Admin
Scalable real-time, remote management of up to 1,000 scanners.

Specifications

For full specifications : www.pfu-emea.ricoh.com

Model		fi-8820	fi-8930	fi-8950
Scanner Type		Automatic Document Feeder (ADF), Manual Feed, Duplex MID-VOLUME PRODUCTION Scanner	Automatic Document Feeder (ADF), Manual Feed, Duplex MID-VOLUME PRODUCTION Scanner	Automatic Document Feeder (ADF), Manual Feed, Duplex MID-VOLUME PRODUCTION Scanner
ADF Capacity		500 x A4: 80 g/m² / 500 x Letter 20 lb	750 x A4: 80 g/m² / 750 x Letter 20 lb	750 x A4: 80 g/m² / 750 x Letter 20 lb
Scanning Colour Modes		Colour, Greyscale, Monochrome, Automatic (Colour / Greyscale / Monochrome detection)	Colour, Greyscale, Monochrome, Automatic (Colour / Greyscale / Monochrome detection)	Colour, Greyscale, Monochrome, Automatic (Colour / Greyscale / Monochrome detection)
Optical Resolution		600 dpi	600 dpi	600 dpi
Image Sensor Type		Contact Image Sensor (CIS) x 2 with Clear Image Capture	Contact Image Sensor (CIS) x 2 with Clear Image Capture	Contact Image Sensor (CIS) x 2 with Clear Image Capture
Scanning Speed (A4 Portrait)		95 ppm	100 ppm	115 ppm
Scanning Speed (A4 Landscape)		120 ppm	130 ppm	150 ppm
Media Support	Standard Sizes	A3, A4, A5, A6, B5, B6, Business Card, Post Card, Letter, Double Letter, Legal and Custom Size	A3, A4, A5, A6, B5, B6, Business Card, Post Card, Letter, Double Letter, Legal and Custom Size	A3, A4, A5, A6, B5, B6, Business Card, Post Card, Letter, Double Letter, Legal and Custom Size
	Custom Sizes	Minimum: 48 x 70 mm / Maximum: 305 x 431.8 mm	Minimum: 48 x 70 mm / Maximum: 305 x 431.8 mm	Minimum: 48 x 70 mm / Maximum: 305 x 431.8 mm
	Manual Feed Paper Sizes	A3, A4, A5, A6, B5, B6, Business Card, Post Card, Letter, Double Letter, Legal and Custom Size	A3, A4, A5, A6, B5, B6, Business Card, Post Card, Letter, Double Letter, Legal and Custom Size	A3, A4, A5, A6, B5, B6, Business Card, Post Card, Letter, Double Letter, Legal and Custom Size
	Paper Weight	U-turn: 20-256 g/m² / Straight: 20-570 g/m² / Envelope: ~1.25 mm	U-turn: 20-256 g/m² / Straight: 20-570 g/m² / Envelope: ~1.25 mm	U-turn: 20-256 g/m² / Straight: 20-570 g/m² / Envelope: ~1.25 mm
	Long Page Scanning	6,096 mm (240")	6,096 mm (240")	6,096 mm (240")
Multifeed Detection		Ultrasonic multi-feed detection sensor x 3 Left, Centre, Right	Ultrasonic multi-feed detection sensor x 3 Left, Centre, Right	Ultrasonic multi-feed detection sensor x 3 Left, Centre, Right
Image Processing Functions		Automatic Colour Detection, Advanced DTC, Automatic Rotation, Background Pattern Removal, Blank Page Detection, Character Extraction, Cropping, De-Screen, De-Skew, Dither, Divide Long Page, Dropout Colour (None / Red / Green / Blue / White / Saturation / Custom), Dynamic Threshold (iDTC), Edge Correction, Error Diffusion, Halftone, Hole Punch Removal, Image Emphasis, Index Tab Cropping, Multi image Output, SDTC, Split image, sRGB Output, Static Threshold, Vertical Streaks Reduction	Automatic Colour Detection, Advanced DTC, Automatic Rotation, Background Pattern Removal, Blank Page Detection, Character Extraction, Cropping, De-Screen, De-Skew, Dither, Divide Long Page, Dropout Colour (None / Red / Green / Blue / White / Saturation / Custom), Dynamic Threshold (iDTC), Edge Correction, Error Diffusion, Halftone, Hole Punch Removal, Image Emphasis, Index Tab Cropping, Multi image Output, SDTC, Split image, sRGB Output, Static Threshold, Vertical Streaks Reduction	Automatic Colour Detection, Advanced DTC, Automatic Rotation, Background Pattern Removal, Blank Page Detection, Character Extraction, Cropping, De-Screen, De-Skew, Dither, Divide Long Page, Dropout Colour (None / Red / Green / Blue / White / Saturation / Custom), Dynamic Threshold (iDTC), Edge Correction, Error Diffusion, Halftone, Hole Punch Removal, Image Emphasis, Index Tab Cropping, Multi image Output, SDTC, Split image, sRGB Output, Static Threshold, Vertical Streaks Reduction
Output Filetypes		PDF, Searchable PDF, PDF / A, TIFF, Multi-Page TIFF, Bitmap, JPEG, JPEG2000	PDF, Searchable PDF, PDF / A, TIFF, Multi-Page TIFF, Bitmap, JPEG, JPEG2000	PDF, Searchable PDF, PDF / A, TIFF, Multi-Page TIFF, Bitmap, JPEG, JPEG2000
Expected Daily Volume		100,000 Sheets	110,000 Sheets	130,000 Sheets
Local Interface	USB Port	USB 3.2 Gen 1/ 3.0 / 2.0 / 1.1 (Type-B Connector)	USB 3.2 Gen 1/ 3.0 / 2.0 / 1.1 (Type-B Connector)	USB 3.2 Gen 1/ 3.0 / 2.0 / 1.1 (Type-B Connector)
Ethernet Interface	Ethernet Specification	10BASE-T/100BASE-TX/1000BASE-T	10BASE-T/100BASE-TX/1000BASE-T	10BASE-T/100BASE-TX/1000BASE-T
	Ethernet Port Connector Type	RJ-45	RJ-45	RJ-45
Human Interface	LCD Touchscreen	4.3 inch, Colour Touch Panel	4.3 inch, Colour Touch Panel	4.3 inch, Colour Touch Panel
Power Source		Mains AC	Mains AC	Mains AC
Power Requirements		100V - 240V AC ±10 % (50 / 60 Hz)	100V - 240V AC ±10 % (50 / 60 Hz)	100V - 240V AC ±10 % (50 / 60 Hz)
Power Consumption	Operating Mode	70 W or less / ECO mode 40 W or less	70 W or less / ECO mode 40 W or less	70 W or less / ECO mode 40 W or less
	Sleep Mode	2.5 W or less (LAN) / 1.5 W or less (USB)	2.5 W or less (LAN) / 1.5 W or less (USB)	2.5 W or less (LAN) / 1.5 W or less (USB)
	Standby Mode	0.2 W or less	0.2 W or less	0.2 W or less
Operating Environment	Operating Temperature Range	5°C - 35°C (41°F - 95°F)	5°C - 35°C (41°F - 95°F)	5°C - 35°C (41°F - 95°F)
	Operating Humidity Range	20% - 80% (non-condensing)	20% - 80% (non-condensing)	20% - 80% (non-condensing)
Device Colour		Black / Light Grey	Black / Light Grey	Black / Light Grey
Device Dimensions (Height x Width x Depth)		315 mm x 460 mm x 430 mm / 12.4" x 18.1" x 16.9"	315 mm x 460 mm x 430 mm / 12.4" x 18.1" x 16.9"	315 mm x 460 mm x 430 mm / 12.4" x 18.1" x 16.9"
Device Weight (approx)		23 kg / 50.7 lb	23 kg / 50.7 lb	23 kg / 50.7 lb
Recommended Windows Driver		PaperStream IP (TWAIN) / PaperStream IP (TWAIN x64) for 64-bit applications / PaperStream IP (ISIS)	PaperStream IP (TWAIN) / PaperStream IP (TWAIN x64) for 64-bit applications / PaperStream IP (ISIS)	PaperStream IP (TWAIN) / PaperStream IP (TWAIN x64) for 64-bit applications / PaperStream IP (ISIS)
Software		PaperStream Capture / PaperStream ClickScan / PaperStream ClickScan Searchable PDF Option / Software Operation Panel Error Recovery Guide / Scanner Central Admin Agent / Network Setup Tool for fi Series / fi Series Online Update	PaperStream Capture / PaperStream ClickScan / PaperStream ClickScan Searchable PDF Option / Software Operation Panel Error Recovery Guide / Scanner Central Admin Agent / Network Setup Tool for fi Series / fi Series Online Update	PaperStream Capture / PaperStream ClickScan / PaperStream ClickScan Searchable PDF Option / Software Operation Panel Error Recovery Guide / Scanner Central Admin Agent / Network Setup Tool for fi Series / fi Series Online Update
1 Year Standard Warranty		Onsite Repair Next Business Day Response +1 Preventative Maintenance visit. Valid for 1 year from date of scanner purchase Includes Spare Parts, Labour and Travel costs Included in the price of a new scanner product	Onsite Repair Next Business Day Response +1 Preventative Maintenance visit. Valid for 1 year from date of scanner purchase Includes Spare Parts, Labour and Travel costs Included in the price of a new scanner product	Onsite Repair Next Business Day Response +1 Preventative Maintenance visit. Valid for 1 year from date of scanner purchase Includes Spare Parts, Labour and Travel costs Included in the price of a new scanner product

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