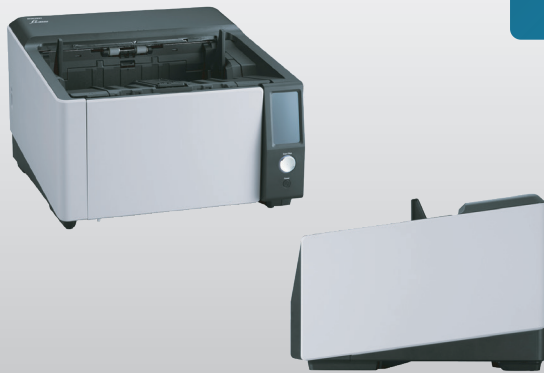# Image Scanner
Document Scanner

fi-8950

Production Scanner
Better, by Design

RICOH
imagine. change.

The RICOH fi-8950 production scanner powers success with heavy-duty performance, superb image quality, and seamless feeding technology.

Better Business Empowerment

The fi-8950 is powered by a newly designed engine that has multiple patents. Improve throughput with problem-solving proprietary tech, high-speed performance, and massive batch sizes. User-friendly operation and streamlined design make this powerhouse adaptable to centralized scanning environments.

- 150 pages per minute (letter/A4) /300 images per minute (letter/A4)
- 750 sheets (letter/A4)/500 sheets (double-letter/A3)
- Daily Volume: 130,000 sheets
- 4.3-inch Touchscreen and button interfaces

Better Batch Management

Spend less time prepping, processing, and troubleshooting batches of documents. Top-of-the-line document-feeding technology promotes document integrity, improves workflows, and eliminates IT headaches. The fi-8950 has advanced throughput enhancements to finish scanning jobs faster without jams or the need to rescan.

- Stapled Documents Detection: Detects documents that have been stapled, regardless of location, and pauses the scan job.
- Paper Ejection Control: Improves document ejection, stacking, and readiness for the next step in the workflow.
- Automatic Skew Correction: Corrects document alignment, one-by-one, pre-scan, saving manual steps.
- Straight Path capabilities: Accounts for thick documents at the flip of a switch, minimizing process interruptions.

Better Capture Technology

Capture images clearly, quickly, and correctly to maintain data accuracy. Digitized data lasts forever. There's too much on the line to risk poor results. The fi-8950 delivers unmatched image quality along with Ricoh's industry-leading image software, included in this scanning solution.
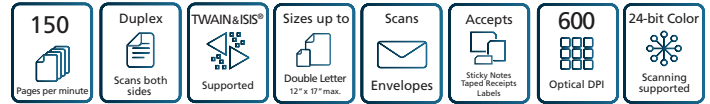
- Clear Image Capture: Produces superior, high-definition images for data extraction.
- PaperStream IP: Processes images for optimal image correction.
- PaperStream ClickScan: simplifies scanning with 3-steps: scan, select destination & save.
- PaperStream Capture: Provides front-end image cleanup, easy navigation, and ready-to-go profiles.
- OverScan Control: Detects skewed documents and adapts to capture all data and avoid image loss.

Why RICOH fi-8950?

Our most powerful production scanner is for future-forward organizations ready to invest in transformative operational efficiency. Built for daily ease of operation and long-term value, the lightning-fast scanning speeds, massive ADF capacity, and workflow-boosting enhancements can save businesses time and money.

There's more on the line, when it comes to digitization, than ever before. In the Age of AI, strict compliance, and critical data accuracy, there are few small mistakes or minor consequences. The fi-8950 is the scanning solution that comes with a side of peace of mind.

RICOH fi-8950

150 Pages per minute	Duplex Scans both sides	TWAIN&ISIS® Supported	Sizes up to Double Letter 12" x 17" max.	Scans Envelopes	Accepts Sticky Notes Taped Receipts Labels	600 Optical DPI	24-bit Color Scanning supported

Technical Information

Scanner Type	ADF (Automatic Document Feeder)/Manual Feed, Duplex	
Scanning Speed[*1] (Landscape) (Color[*2]/Grayscale[*2]/ Monochrome[*3])	Simplex: 150 ppm (200/300 dpi) Duplex : 300 ipm (200/300 dpi)	
Scanning Speed[*1] (Portrait) (Color[*2]/Grayscale[*2]/ Monochrome[*3])	Simplex: 115 ppm (200/300 dpi) Duplex : 230 ipm (200/300 dpi)	
Image Sensor Type	CIS x 2 (front x 1, back x 1)	
Light Source	RGB LED x 4 (front x 2, back x 2)	
Optical Resolution	600 dpi	
Output Resolution[*4] (Color/Grayscale/ Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver)[*5]	
Output Format	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit	
Background Colors	White/Black (selectable)	
Document Size		
Maximum	12 x 17 in (304.8 x 431.8 mm)	
Minimum	1.9 x 2.8 in (48 x 70 mm)	
Long Page Scanning[*6]	240 in (6,096 mm) (up to 200 dpi)	
Paper Weight (Thickness)		
Straight Scan		
Larger than A5 and up to A4 Size	5.3 to 152 lb (20 to 570 g/m²)	
A5 or Smaller and Over A4 Size	11 to 152 lb (40 to 570 g/m²)	
Envelope	.05 in or less	
U-turn Scan		
Larger than A5 and up to A4 Size	5.3 to 56 lb (20 to 209 g/m²)	
A5 or Smaller Size	17 to 56 lb (64 to 209 g/m²)	
Over A4 Size	17 to 68 lb (64 to 256 g/m²)* [*7]	
ADF Capacity[*8]	750 sheets (Letter 20 lb or A4 80 g/m²) Total thickness: less than 3.15 in	
Expected Daily Volume[*9]	130,000 sheets	
Multifeed Detection	Overlap detection (Ultrasonic sensor), Length detection	
Paper Protection	Stapled Documents Detection, Lag detection	
Other Functions	Automatic Skew Correction	
Interface		
USB	USB 3.2 Gen1/USB 3.0/USB2.0/USB1.1	
Ethernet	10BASE-T/100BASE-TX/1000BASE-T	
Power Requirements	AC 100 to 240 V ±10%	
Power Consumption		
Operating Mode	70 W or less/40 W or less (Eco mode)	
Sleep Mode	2.5 W or less	
Auto Standby (Off) Mode	0.2 W or less	

Ethernet connection requires PC running specified software

Operating Environment		
Temperature	41 to 95°F (5 to 35°C)	
Relative Humidity	15 to 80% (non-condensing)	
Environmental Compliance	ENERGY STAR®, RoHS, Epeat Gold	
Dimensions[*10] (Width x Depth x Height)	18.1 x 16.9 x 12.4 in (460 x 430 x 315 mm)	
Weight	50.7 lb (23 kg)	
Supported Operating Systems	Windows® 11[*11], Windows® 10[*11], Windows Server® 2022, Windows Server® 2019, Windows Server® 2016	
Software/Drivers	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver[*12], PaperStream Capture, PaperStream ClickScan[*13], Software Operation Panel, Error Recovery Guide, Scanner Central Admin Server, Scanner Central Admin Desktop	
Image Processing Functions	Multi image output, Automatic color detection, Blank page detection, Static threshold, Dynamic threshold (iDTC), Advanced DTC, SDTC, Error diffusion, Dither, De-Screen, Emphasis, Dropout color (None/ Red/Green/Blue/White/Saturation/Custom), sRGB output,Hole punch removal, Cropping, Index tab cropping,Split image, De-Skew, Edge correction, Vertical streaks reduction, Character extraction, Background pattern removal, Automatic profile selection	
Trade Compliant	Yes	
Certifications	Tungsten® VRS Elite	
Warranty	3 Months Basic Onsite Service	
Included Items	AC cable, AC adapter, USB 3.0 cable, Setup DVD-ROM	

Industry-leading support keeps digital transformation projects on-time and on budget
• U.S. based support • Specialized Teams • Flexible service programs

Service Programs & Options

Post-Imprinter Front with Install	CG01000-310114	Front side post-scan printing on document
Post-Imprinter Back with Install	CG01000-310115	Back side post scan printing on document
Carrier Sheets	PA03360-0013	Each package contains 5 carrier sheets
Photo Carrier Sheets	PA03770-0015	Each package contains 3 carrier sheets
PaperStream Capture Pro	PSCP-MV-0001	PaperStream Capture Pro Mid-Volume software license
Basic Onsite Service	S8950-BAMYNBD-3	3-year scanner contract with parts, maintenance, labor, 1 cleaning visits per year and next business day response time
ScanCare Onsite Service	S8950-SCMYNBD-3	3-year scanner contract with parts, maintenance, labor, 3 preventative maintenance visits per year, and next business day response time

Consumables

Pick Roller	PA03830-K021	Every 700,000 sheets or one year
Separator Roller	PA03830-K022	Every 700,000 sheets or one year
Brake Roller	PA03830-K023	Every 700,000 sheets or one year
Print Cartridge	CA00050-0262	4,000,000 printed characters or 6 months after opening the bag
ScanAid Kit	CG01000-310112	Consumable kit with instructions and cleaning supplies

Insist on Genuine Ricoh Service to keep your scanner running at its best

[*1] Scanning speeds may vary due to the system environment. For details, please visit our website at: https://www.pfu.ricoh.com/global/scanners/fi/. [*2] Indicated speeds are from using JPEG compression. [*3] Indicated speeds are from using TIFF CCITT Group 4 compression. [*4] When scanning in high resolutions (600 dpi or above), scanning may be rejected depending on scanning mode, document size, memory size, and application program. Selectable maximum resolution may vary depending on the length of the scanned document. [*5] Limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning at high resolution (over 600 dpi). [*6] The maximum document length for long page scanning depends on the resolution: 215 in (5,461 mm) for up to 300 dpi, 160 in (4,064 mm) for up to 400 dpi, 34 in (863.6 mm) for up to 600 dpi, and 17 in (431.8 mm) for up to 1,200 dpi . [*7] Scanning of documents from 56 to 68 lb (209 to 256 g/m²) is supported only when the temperature is 77±9°F (25±5°C) and humidity is 50±10%. [*8] Maximum capacity depends on paper weight and may vary. [*9] Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. [*10] With the ADF hopper closed. [*11] fi Series scanners do not run with Windows® 11 and 10 ARM-based PCs. [*12] Functions equivalent to those offered by PaperStream IP may not be available with the WIA Driver. [*13] Refer to the fi Series Support Site for driver/software downloads and full lineup of all supported operating system versions.

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Be sure to carefully read all safety precautions prior to using this product and use this device as instructed. Do not place this device in wet, moist, steamy, dusty or oily areas. Using this product under such conditions may result in electrical shock, fire or damage to this product. Be sure to limit the use of this product to listed power ratings.
ENERGY STAR®
PFU Limited has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a registered trademark of the United States.

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