fi-8170
Desktop Scanner

Professionals prefer the fi-8170.

Get your work done right the first time, faster, with less processing pain.
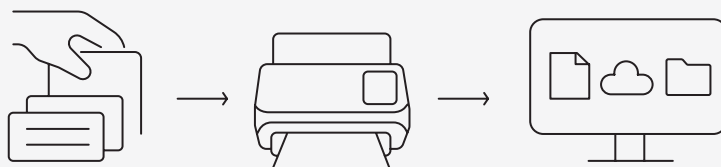
Key Features

- Compatible with the PaperStream Software Suite and supported integrations

- Clear Image Capture (CIC) + PaperStream IP = unmatched image performance

- Automatic Deskew and Overscan Control keep documents and data aligned for complete capture without rescans

- Scan IDs, passports, and pamphlets without skipping a beat, thanks to Manual Feed Mode

- Protect paper and data with Automatic Separation Control, Intelligent Multi-Feed Detection, and Intelligent Sonic Paper Protection (ISOP)

Better Together

Maximize scanner performance and ROI. Bundle scanner, service, and a powerful PaperStream software solution. Learn more at **sales@pfu-us.ricoh.com**

PaperStream Capture Pro

Keep business moving with smooth document workflows

Superior tech can improve AI outcomes

Load Documents

Speed and accuracy win in workflows. Get the paper protection and versatility needed to ensure you get actionable data.

Scan with Intelligence

Maximize mined data with pristine image quality. You can't use data your scanner doesn't capture.

Export or Distribute

Success is structured. Find dollars in the details with data that is where you need it when you need it.

Scan for full specs and videos

RICOH
imagine. change.

RICOH fi-8170 desktop scanner

Technical Information

Image Sensor Type	CIS x 2 (front x 1, back x 1)
Light Source	RGB LED x 2 (front x 1, back x 1)
Document Size	Maximum: 215.9 x 355.6 mm (8.5 x 14 in.) Minimum: 48 x 50 mm (1.9 x 2 in.) Long Page Scanning: Up to 6,096 mm (240 in.)
Paper Weight (Thickness)	Plastic Card: 1.4 mm or less Paper: 20 to 465 g/m² (5.3 to 124 lb) Booklet: Less than 7 mm thick
Scanning Speed (A4 Portrait, Color/Grayscale/ Monochrome)	Simplex: 70 ppm (200/300 dpi) Duplex: 140 ipm (200/300 dpi)
ADF Capacity	100 sheets (A4 80 g/m² or Letter 20 lb
Background Colors	White / Black (selectable)
Optical Resolution	600 dpi
Output Resolution (Color / Grayscale / Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments), 1200 dpi (driver)
Output Format	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit
Interface	USB 3.2 Gen1x1 / USB 2.0 / USB 1.1 Ethernet: 10BASE-T, 100BASE-TX, 1000BASE-T (auto-negotiation)
Power Requirements	AC 100V - 240V 50/60 Hz
Power Consumption	Operating: 28 W or less / Eco mode: 17 W Sleep Mode: 2.0 W or less (LAN) / 1.4 W or less (USB) Auto Standby: 0.2 W or less
Operating Environment	Temperature: 5 to 35 °C (41 to 95 °F) Relative Humidity: 15 to 80% (non-condensing)
Dimensions (W x D x H)	300 x 170 x 163 mm (11.8 x 6.7 x 6.4 in.)
Weight	4 kg (8.8 lb)
Environmental Compliance	ENERGY STAR®, RoHS
Multifeed Detection	Ultrasonic sensor (Overlap), Length detection
Paper Protection	Image monitoring, Sound detection (iSOP)

Image Processing Functions	Multi image output, Automatic color detection, Blank page detection, 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, Index tab cropping, Split image, De-Skew, Edge filler, Vertical streaks reduction, Background pattern removal, Cropping, Static threshold
Included Software / Drivers	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver, Image Scanner Driver for macOS (ICA), Image Scanner Driver for Linux (SANE), PaperStream Capture, PaperStream ClickScan, Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap™, PaperStream Central Admin
Supported Operating Systems	Windows® 11, 10, 8.1, 7 Windows Server® 2025, 2022, 2019, 2016, 2012 R2, 2012, macOS, Linux (Ubuntu)
Included Items	ADF paper chute, AC cable, AC adapter, USB cable, Setup DVD-ROM

Options

Post Imprinter	FI-819PRB
PaperStream Capture Pro	PSC-PRO-1Y, PSC-PRO-3Y, PSC-PRO-5Y
PaperStream Capture Pro Premium	PSC-PREM-1Y, PSC-PREM-3Y, PSC-PREM-5Y
Deluxe Bundle	CG01000-310299, with 2 Years PaperStream Capture Pro

Consumables

Pick Roller	**PA03670-0002:** Every 200,000 sheets or 1 year
Brake Roller	**PA03810-0001:** Every 200,000 sheets or 1 year
Print Cartridge	**CA00050-0262:** 4,000,000 characters or 6 months
Booklet Carrier Sheet	**PA03810-0020:** Pack of 1
Photo Carrier Sheets	**PA03770-0015:** Pack of 3
Carrier Sheets	**PA03360-0013:** Pack of 5

Services

Advance Exchange	S8170-AEPWNBD-1, S8170-AEMYNBD-3, S8170-AEMYNBD-5
Depot Mail-in Repair	S8170-DEPW5DY-3
Standard Warranty	3 Year Advance Unit Replacement

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* Please find Safety Precautions, ENERGY STAR, and EPEAT Information at https://pages.pfuricoh.com/safety-precautions-energy-star-and-epeat-information