

fi-8170 Desktop Scanner

**Professionals prefer
the fi-8170.**

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



Key Features

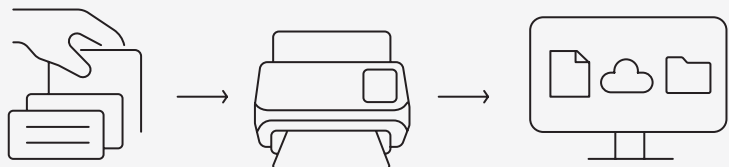
- Compatible with the PaperStream Software Suite and supported integrations
- Clear Image Capture (CIC) + PaperStream IP = unmatched image performance
- Automatic Deskew and Overscan Control keep documents and data aligned for complete capture without rescans
- Scan IDs, passports, and pamphlets without 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



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/m ² (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/m ² 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

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	1 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>

