

Accelerate your digital transformation journey **fi-8290**

Made for demanding workflows, the fi-8290 is equipped to capture, save, and share precise scans. The flatbed design adds flexibility to scan thick or unwieldy documents and Clear Image Capture (CIC) ensures crisp detail and complete data.



Image Quality

Ricoh proprietary Clear Image Capture (CIC) technology resets the benchmark for high quality image capture, by combining the reliability and flexibility of Contact Imaging Sensor (CIS) hardware with an industry-leading image processor. CIC technology delivers precise, crisp images and industry-leading OCR accuracy rates while also removing unwanted watermarks and artifacts.

Paper Feeding

Evolved paper handling with a large 100-page hopper, an all-wheel drive mechanism, and fast 180 images captured per minute, make the fi-8290 one of the easiest and most efficient scanners to operate. The patented Automatic Separation Control uses state of the art technology to sense paper weights and adjusts to consistently separate documents and provide the perfect feed, ensuring documents are safely captured.

Reliability

The fi-8290 is built to last and powers up every time you need it regardless of job size. Strong urethane rollers, heavy duty motors, a sturdy frame, and durable consumables combine for a long-lasting scanner that will let your organization capture the volumes of paper from seasonal peaks and heavy backlogs, worry free. Backed by Ricoh's US-based, legendary solutions architects and support teams.



PaperStream IP

Compatible with all major document management software packages, PaperStream IP (PSIP) is a TWAIN/ISIS® compliant driver that cleans up and optimizes scanned images without any configuration.

PaperStream Capture

Take advantage of powerful indexing and sorting features, putting the document in the right location for great organization and fast retrieval. Now includes both 2D and 1D barcode support in the box.

PaperStream ClickScan

Easy to use capture software for any business. Simple scanning interface with 3-steps: scan, select destination, and save.

Flexible connectivity options

Choose between PaperStream IP Net for flexible, adaptable capture architectures, and PaperStream NX Manager for centralized, server-based capture.

The next generation in scanning excellence

fi-8290 Image Scanner



Technical Information

Scanner Type	ADF (Automatic Document Feeder) / Manual Feed, Flatbed, Duplex	Power Consumption	Operating Mode: 30 W or less / 17 W (Eco mode) Sleep Mode: 2.0 W or less (LAN) / 1.4 W or less (USB) Auto Standby (Off) Mode: 0.2 W or less
Scanning Speed*1 (A4 Portrait) (Color / Grayscale*2 / Monochrome*3)	ADF: Simplex: 90 ppm (200/300 dpi) Duplex: 180 ipm (200/300 dpi) Flatbed: 1.7 seconds (200/300dpi)	Operating Environment	Temperature: 41 to 95 °F (5 to 35 °C) Relative Humidity: 15 to 80% (non-condensing)
Image Sensor Type	CIS x 2 (front x 1, back x 1) Flatbed: Color CCD x 1	Environmental Compliance	ENERGY STAR®, RoHS
Light Source	ADF: RGB LED x 2 (front x 1, back x 1) Flatbed: White LED	Dimensions*15 (Width x Depth x Height)	11.8 x 22.7 x 9.2 in. (300 x 577 x 234 mm)
Optical Resolution	600 dpi	Weight	19.4 lb (8.8 kg)
Output Resolution*4 (Color / Grayscale / Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments) 1,200 dpi (driver)*5	Supported Operating System	Windows® 11*18, Windows® 10, Windows® Server 2025, Windows® Server 2022, Windows® Server 2019, Windows® Server 2016, Linux (Ubuntu)
Output Format	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit	Included Software / Drivers	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver,*16 Image Scanner Driver for Linux (SANE)*16-17, PaperStream Capture, PaperStream ClickScan*17, PaperStream NX Manager, Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap*17, PaperStream Central Admin
Background Colors	White/Black (selectable) Flatbed: White (or optional black)	Image Processing Functions	Multi image output, Automatic color detection, Blank page detection, Dynamic threshold (iDTC), Advanced DTC, SDTC, Static threshold, 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
Document Size		Included Items	ADF paper chute, AC cable, AC adapter, USB cable, Setup DVD-ROM
ADF Maximum*6	8.5 x 14 in. (215.9 x 355.6 mm)	Trade Compliant	Yes
ADF Minimum	1.9 x 2 in. (48x50 mm)	Warranty	1 Year Advance Exchange
ADF Long Page Scanning*7	240 in. (6,096 mm)	Certifications	Tungsten® VRS Elite
ADF Flatbed Maximum	8.5 x 11.7 inch (215.9 x 297 mm)		
Paper Weight (Thickness)			
Paper	5.3 to 124 lb (20 to 465 g/m ²)*8		
Booklet	0.276 in. (Less than 7 mm)*9		
Plastic Card	0.055 in. (1.4 mm) or less*10		
ADF Capacity*11 *12	100 sheets (Letter 20 lb or A4 80 g/m ²)		
Expected Daily Volume*13	13,000 sheets		
Multifeed Detection	Overlap detection (Ultrasonic sensor) Length detection		
Paper Protection	Image monitoring, Sound detection (iSOP)*14		
Interface			
USB	3.2 Gen 1x1 / USB 2.0 / USB 1.1		
Ethernet	10BASE-T, 100BASE-TX, 1000BASE-T		
Power Requirements	AC 100V to 240V 50/60Hz		

Service Programs & Options

1-Year Advance Exchange	S8290-AEPWNBD-1	One, three or five year programs offer whole-unit, next business day replacement for scanner equipment *	Ricoh industry-leading support keeps digital transformation projects on-time and on budget <ul style="list-style-type: none"> • U.S. based support • Specialized Teams • Flexible service programs
3-Year Advance Exchange	S8290-AEMYNBD-3		
Depot Mail-in Repair	S8290-DEPW5DY-3	3-year scanner contract provides mail-in unit repair that includes spare parts, labor, and one-way shipping to customer	
PaperStream Capture Pro	PSC-PRO-1Y PSC-PRO-3Y PSC-PRO-5Y	PaperStream Capture Pro 1-Year Subscription PaperStream Capture Pro 3-Year Subscription PaperStream Capture Pro 5-Year Subscription	

Consumables & Options

Brake Roller	PA03810-0001	Lifetime: approx. 200,000 sheets
Pick Roller	PA03670-0002	Lifetime: approx. 200,000 sheets
ScanAid Kit	CG01000-302801	Consumable kit with instructions and cleaning supplies
Booklet Carrier (1Piece)	PA03810-0020	Supplemental protection for items such as passports
Carrier Sheets (5 Pieces)	PA03360-0013	Supplemental protection for delicate items
Black Document Pad	PA03810-D301	Black back flatbed cover for cropping



*1 Actual scanning speeds may vary with data transmission and software processing times. *2 Indicated speeds are from using JPEG compression. *3 Indicated speeds are from using TIFF CCITT Group 4 compression. *4 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 Maximum document width possible for scanning is 240 mm (9.5 inch). *7 For use with PaperStream NX Manager, the maximum resolution supported is 400 dpi, with maximum lengths ranging with resolution. Simplex: 1,828.8 mm (72 in.) [below 300 dpi], 355.6 mm (14 in.) [below 400 dpi]. Duplex: 863.6 mm (34 in.) [below 300 dpi], 355.6 mm (14 in.) [below 400 dpi]. *8 Thicknesses of up to 128 to 209 g/m² (34 to 56 lb) can be scanned for A8 (52 x 74 mm / 2.1 x 2.9 inch) sizes. *9 Indicated thickness is inclusive of Booklet Carrier Sheet thickness when using the Carrier Sheets. *10 Continuous feeding is supported when scanning up to 10 unembossed cards with thicknesses of 0.76 mm or less. *11 Maximum capacity depends on paper weight and may vary. *12 Capable of setting additional documents while scanning. *13 Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. *14 Intelligent Sonic Paper Protection. *15 Excludes the ADF paper chute and stacker. *16 Functions equivalent to those offered by PaperStream IP may not be available with the Image Scanner Driver for Linux or WIA Driver. *17 Refer to the fi Series Support Site for driver/software downloads and full lineup of all supported operating system versions. www.pfu-us.ricoh.com. *18 fi Series scanners do not run with Windows® 11 and 10 ARM-based PCs. *19 Replacement cycles are guidelines for using A4 documents (80 g/m² [20 lb]). These cycles vary depending on the type of documents scanned, how often the scanner is used and cleaned, and your operating environment.

Trademarks
ISIS is a trademark of Open Text. Microsoft, Windows, and Windows Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. Any other products or company names appearing in this document are the trademarks or registered trademarks of the respective companies.

Safety Precautions
Please carefully read the safety precautions prior to the use of this device and follow the recommended instructions for correct use. Do not place this device in wet, moist, highly humid, dusty or oily areas. Use of this device under such conditions may result in electrical shock, fire or damage to the device. Please use this device within the power ratings listed.

ENERGY STAR®
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.
Specifications are subject to change without notice.



To learn more, visit us at www.pfu-us.ricoh.com or contact us at (888) 425-8228 .

Copyright © 2025 PFU America, Inc. All other trademarks are the property of their respective owners.

20250414_fi-8290_Datasheet