

## 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 140 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

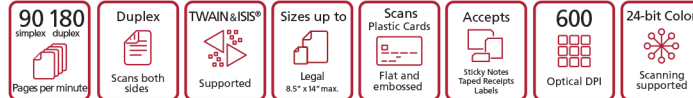
Easy to use capture software for any business. Simple scanning interface with 3-steps: scan, select destination, and save.

### 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

<b>Scanner Type</b>	ADF (Automatic Document Feeder) / Manual Feed, Flatbed, Duplex	<b>Power Consumption</b>	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
<b>Scanning Speed*1</b> (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)	<b>Operating Environment</b>	Temperature: 41 to 95 °F (5 to 35 °C) Relative Humidity: 15 to 80% (non-condensing)
<b>Image Sensor Type</b>	CIS x 2 (front x 1, back x 1) Flatbed: Color CCD x1	<b>Environmental Compliance</b>	ENERGY STAR®, RoHS
<b>Light Source</b>	ADF: RGB LED x 2 (front x 1, back x 1) Flatbed: White LED	<b>Dimensions*15</b> (Width x Depth x Height)	11.8 x 22.7 x 9.2 in. (300 x 577 x 234 mm)
<b>Optical Resolution</b>	600 dpi	<b>Weight</b>	19.4 lb (8.8 kg)
<b>Output Resolution*4</b> (Color / Grayscale / Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments) 1,200 dpi (driver)*5	<b>Supported Operating System</b>	Windows® 11, Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2022, Windows Server® 2019, Windows Server® 2016, Windows Server® 2012 R2, Windows Server® 2012, Windows Server® 2008 R2, Linux (Ubuntu)
<b>Output Format</b>	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit	<b>Included Software / Drivers</b>	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver*16, Image Scanner Driver for Linux (SANE)*16*17, PaperStream Capture, PaperStream ClickScan*17, Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap™*17, Scanner Central Admin
<b>Background Colors</b>	White/Black (selectable) Flatbed: White (or optional black)	<b>Image Processing Functions</b>	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.
<b>Document Size</b>		<b>Included Items</b>	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)	<b>Trade Compliant</b>	Yes
ADF Minimum	1.9 x 2 in. (48x50 mm)	<b>Standard Model</b>	PN: PA03810-B505
ADF Long Page Scanning*7	240 in. (6,096 mm)	<b>Warranty</b>	1 Year Advance Exchange
Flatbed Maximum	8.5 x 11.7 inch (215.9 x 297 mm)	<b>Certifications</b>	Tungsten® VRS Elite
<b>Paper Weight (Thickness)</b>			
Paper	5.3 to 124 lb (20 to 465 g/m <sup>2</sup> )*8		
Booklet	0.276 in. (Less than 7 mm)*9		
Plastic Card	0.055 in. (1.4 mm) or less*10		
<b>ADF Capacity*11 *12</b>	100 sheets (Letter 20 lb or A4 80 g/m <sup>2</sup> )		
<b>Expected Daily Volume*13</b>	13,000 sheets		
<b>Multifeed Detection</b>	Overlap detection (Ultrasonic sensor) Length detection		
<b>Paper Protection</b>	Image monitoring, Sound detection (ISOP)*14		
<b>Interface</b>			
USB	3.2 Gen 1x1 / USB 2.0 / USB 1.1		
Ethernet	10BASE-T, 100BASE-TX, 1000BASE-T		
<b>Power Requirements</b>	AC 100V to 240V 50/60Hz		

### Service Programs & Options

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

### Consumables & Options

<b>Brake Roller</b>	PA03810-0001	Lifetime: approx. 200,000 sheets or 1 year	
<b>Pick Roller</b>	PA03670-0002	Lifetime: approx. 200,000 sheets or 1 year	
<b>ScanAid Kit</b>	CG01000-302801	Consumable kit with instructions and cleaning supplies	
<b>Booklet Carrier (1Piece)</b>	PA03810-0020	Supplemental protection for items such as passports	
<b>Carrier Sheets (5 Pieces)</b>	PA03360-0013	Supplemental protection for delicate items	
<b>Black Document Pad</b>	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/m<sup>2</sup> (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](http://www.pfu-us.ricoh.com).

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**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®**  
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