Advanced productivity for high-volume scanning
fi-7800 Image Scanner

The fi-7800 scans Letter landscape documents at high speeds of 110 ppm/220 ipm (200/300 dpi). It is capable of scanning up to Double Letter sized portrait documents and can load up to 500 sheets at a time.

Accurate feeding to maximize productivity

Our production scanners are designed to build productive workflows. In addition to our reliable feeding, the fi-7800 comes with a variety of functionalities that make feeding performance even better. Finish scanning faster without the need to make any rescans using the all-new Automatic Separation Control function. This new function automatically calibrates torque on the brake rollers and guarantees that documents go through one at a time. The fi-7800 now also comes with the fi Series signature Skew Reducer function providing independent separator rollers to ensure skewed documents do not affect the documents that follow.

Organized paper output for clean and fast workflows

Not only do we ensure that paper is fed through smoothly but also that output is made in neat stacks. The improved Stacking Control function and Elevator Stacker allow operators to quickly gather documents after scanning so that they can quickly move on to the next batch, and scan multiple batches in shorter times.

Stress-free usability with an operator-friendly design

The fi-7800 is designed to make the operator experience easy. Operators can scan directly from the scanner with the job-registration function, and complete various operations on the easily-accessible operator panel and LCD status display. Routine maintenance is also a snap. The fi-7800's LED lights make cleaning dust, debris, and ink residue build-up from the glass easy.

Advanced software for maximized efficiency
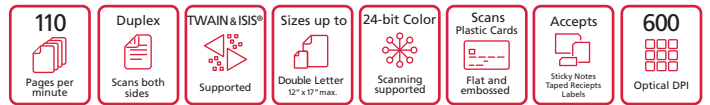
PaperStream IP

Empower operator workflows and feed information efficiently with our latest PaperStream IP scanner driver and integrated software. With a few simple setting configurations, Automatic Profile Selection allows documents to undergo image processing appropriate to each document format. Operators no longer need to sort documents manually since the driver works with PaperStream Capture to link document formats to specific saving destinations. Image processing functionalities are also enhanced with Advanced Cleanup Technology providing strong character recognition and imagecleanup for better OCR accuracy. All these functions work together to offer a widervariety of batch scanning features and assist operator workflows.

PaperStream Capture

Make it even better with PaperStream Capture Pro

PaperStream Capture Pro

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Production-class image scanner
fi-7800

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

Ricoh industry-leading support keeps digital transformation projects on-time and on budget

- U.S. based support
- Specialized Teams
- Flexible service programs

Industry Leading Net Promoter Score

Ricoh Imaging Solutions provide superior engineering at the forefront of innovation through:

- Engineering Passion and Dedication
- Human Centric Design
- Worldwide Reliability

Technical Information

Document feeding method	Automatic Document Feeder (ADF)/ Manual, Duplex
Scanning modes	Simplex/Duplex in Color, Grayscale, or Monochrome
Scanning speed [1] A4 Landscape Color [2]/ Grayscale [2]/ Monochrome [3]	Simplex: 110 pages/minute (200/300 dpi) Duplex: 220 images/minute (200/300 dpi)
Scanning speed [1] A4 Portrait Color [2]/ Grayscale [2]/ Monochrome [3]	Simplex: 90 pages/minute (200/300 dpi) Duplex: 180 images/minute (200/300 dpi)
Image Sensor Type	Color Charge-Coupled Device (CCD) x 2 (Front x 1, Back x 1)
Light Source	White LED Array 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 Minimum Long page scanning [6]	12" x 17" (304.8 x 431.8 mm) 2.0" x 3.0" (52 x 74 mm) 220" (5,588 mm)
Paper Weight A4 to A5 Size Less than A5 Size / Over A4 Size	5.4 to 56 lb (20 to 209 g/m2) 11 to 56 lb (41 to 209 g/m2)
ADF capacity [7]	500 Sheets (Letter: 20 lb. or A4: 80 g/m2)
Expected Daily Volume [8]	100,000 sheets
Multi-feed detection	Overlap detection (Ultrasonic sensor), Length detection

Paper protection	Lag detection
Interface	USB 2.0 / USB 1.1
Power requirements	100 to 240 VAC ±10%, 50/60 Hz
Power Consumption Operating Mode Sleep Mode Auto Standby (Off) Mode	200 W or less 3.2 W or less Less than 0.3 W
Operating Environment Temperature Relative Humidity	5 to 35 °C (41 to 95 °F) 20 to 80% (non-condensing)
Environmental Compliance	ENERGY STAR 3.0®, RoHS
Dimensions [9] (Width x Depth x Height)	18.1" x 16.9" x 12.2" (460 x 430 x 310 mm)
Weight	70 lb (32 kg)
Included in the box	AC cable, USB cable, Setup DVD-ROM
Bundled software (DVD format) [11]	PaperStream IP driver (TWAIN/TWAIN x64/ISIS), WIA Driver [10], PaperStream Capture, 2D Barcode for PaperStream [11], Software Operation Panel, Error Recovery Guide, Scanner Central Admin
Supported operating systems	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
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

Service Programs & Options

Post Imprinter (FI-680PRF)	CG01000-531101	Front side post-scan printing on document
Post Imprinter (FI-680PRB)	CG01000-531201	Back side post scan printing on document
PaperStream Capture Pro	PSCP-MV-0001	PaperStream Capture Pro Mid-Volume software license
Basic Onsite Service	S7800-BAMYNBD-3	3-year scanner contract with parts, maintenance, labor, 2 cleaning visits per year and next business day response time
ScanCare Onsite Service	S7800-SCMYNBD-1	3-year scanner contract with parts, maintenance, labor, 3 preventative maintenance visits per year, and next business day response time

Consumables and Options

Pick Roller	PA03575-K011	Every 600,000 sheets or one year
Separator Roller	PA03800-K012	Every 600,000 sheets or one year
Brake Roller	PA03575-K013	Every 600,000 sheets or one year
Print Cartridge	CA00050-0262	4,000,000 printed characters or 6 months after opening the bag
ScanAid Kit	CG01000-295401	Consumable kit with instructions and cleaning supplies

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

SCANCARE Premium Service & Maintenance   **BASIC** Onsite Service   **SCANAID** Consumable kit

ENERGY STAR   ✔RoHS 2002/95/EC COMPLIANT   PaperStream IP   PaperStream ClickScan   PaperStream Capture Pro   Scanner Central Admin

RICOH

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

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