RICOH fi-800R Datasheet

🛛 Scanner



Compact and versatile scanner for the front office

The fi-800R scans A4 portrait documents at comfortable speeds of 40 ppm/80 ipm (200/300 dpi) and makes customer onboarding easy with its compact size and versatile scanning abilities.

Ultra compact footprint for limited spaces

The fi-800R is the perfect scanner when space is limited. Designed to fit in narrow office spaces, it comes equipped with Dual Path Mechanism, enabling scanning of a wider variety of documents. Satisfy all your scanning needs, from plastic cards to booklets, with a single device.

Versatile scanning functionalities

U-turn Scan using the ADF makes a small footprint even smaller. The stacker extends to provide neatly stacked output documents and returns to its original position once scanning has completed, so that users can easily start scanning their next batch.

Clever ID scanning for a great customer onboarding process

Using Return Scan, scan passports and ID up to 5 mm thick without using a carrier sheet. Simple one sheet scanning also no longer requires the hassle of opening the feeder. Clever operation and fast scanning speeds of a mere 3.5 seconds reduce customer wait times and help provide great customer experiences. Stress-free operation with accurate paper feeding performance

Serve customers faster with the fi-800R's robust feeding functionalities. With Automatic Skew Correction functionality, documents are straightened one sheet at a time for precise paper feeding. Active Separation also adjusts pressure to ensure each sheet is separated and captured without any misfeeds. Confidently scan mixed batches and make customer onboarding more efficient.

Advanced software for maximized efficiency

Empower reception workflows and use information more efficiently with our enhanced PaperStream IP scanner driver and integrated PaperStream Capture software. With the MRZ Recognition function, the Machine Readable Zone on passports and ID cards are recognized and extracted as metadata for fast client retrieval. Users no longer need to organize documents or check if documents with photo IDs are scanned in face up, since the Front Side Detection function detects photos on ID cards and passports to automatically set pages with photos as the front side. With a few simple setting configurations, Automatic Profile Selection also allows documents to undergo image processing appropriate to each document format. All these functionalities work together to offer a wider variety of batch scanning features and make employees more efficient.

Scanner Type ADF (Automatic Document Feeder) / Manual Feed, Duplex Scanning Speed*! (A4 Port-it) (Color '7/Grayscale'?/Monochrome*) ADF Simplex: 40 ppm (200/300 dpi) Duplex: 80 ipm (200/300 dpi) Manual Feed 3.5 seconds (200/300 dpi) Image Sensor Type CIS x 2 (front x 1, back x 1) Light Source RGB LED (front x 1, back x 1) Optical Resolution** 600 dpi Output Resolution** 50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver)** Monochrome) 0utput Format Document Size XDF (Astomatic Manual Feed) Maximum 215.9 x 355.6 mm (8.5 x 14 in.) Minimum 50.8 x 50.8 mm (2 x 2 in.) Long Page Scanning* Kastoma (Astomatic Manual Feed) Paper Velot 127 g/m² (11 to 34 lb) For A6 or smaller: 127 to 209 g/m² (34 to 56 lb) For A6 or smaller: 127 to 209 g/m² (34 to 56 lb) Manual Feed Sin sheets (A4 52 g/m² or Letter 20 lb), 30 sheets (A4 52 g/m² or Letter 20 lb), 30 sheets (A4 52 g/m² or Letter 14 lb) Expected Daily Volume* Vol to 200 sheets Sin sheets (A4 52 g/m² or Letter 14 lb) Expected Daily Volume* Vel a generatic (Ultrasonic sensor) Sin sheets (A4 52 g/m² or Le	Technical Information	1			
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Plastic Card 1.4 mm or less Booklet 5 mm or less ADF Capacity*7 20 sheets (A4 80 g/m² or Letter 20 lb), 30 sheets (A4 52 g/m² or Letter 14 lb) Expected Daily Volume*8 4,500 sheets Multifeed Detection Overlap detection (Ultrasonic sensor) Interface USB 3.2 Gen1x1 / USB 2.0 / USB 1.1 Power Requirements AC 100 to 240 V ±10 % Power Consumption 19 W or less Sleep Mode 1.7 W or less Auto Standby (Off) Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	Paper	20 to 413 g/m ² (5.4 to 110 lb)			
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30 sheets (A4 52 g/m² or Letter 14 lb) Expected Daily Volume*8 4,500 sheets Multifeed Detection Overlap detection (Ultrasonic sensor) Interface USB 3.2 Gen1x1 / USB 2.0 / USB 1.1 Power Requirements AC 100 to 240 V ±10 % Power Consumption 0 Operating Mode 19 W or less Sleep Mode 1.7 W or less Auto Standby (Off) Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	ADF Capacity*7	20 sheets (A4 80 g/m ² or Letter 20 lb),			
Volume** 4,500 sheets Multifeed Detection Overlap detection (Ultrasonic sensor) Interface USB 3.2 Gen1x1 / USB 2.0 / USB 1.1 Power Requirements AC 100 to 240 V ±10 % Power Consumption Operating Mode Operating Mode 19 W or less Sleep Mode 1.7 W or less Auto Standby (Off) 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	- · · · · ·				
Volume** 4,500 sheets Multifeed Detection Overlap detection (Ultrasonic sensor) Interface USB 3.2 Gen1x1 / USB 2.0 / USB 1.1 Power Requirements AC 100 to 240 V ±10 % Power Consumption Operating Mode Operating Mode 19 W or less Sleep Mode 1.7 W or less Auto Standby (Off) 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	Expected Daily	4.500 shares			
Interface USB 3.2 Gen1x1 / USB 2.0 / USB 1.1 Power Requirements AC 100 to 240 V ±10 % Power Consumption Operating Mode Operating Mode 19 W or less Sleep Mode 1.7 W or less Auto Standby (Off) 0.15 W or less Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)		4,500 sneets			
Power Requirements AC 100 to 240 V ±10 % Power Consumption Operating Mode Operating Mode 19 W or less Sleep Mode 1.7 W or less Auto Standby (Off) 0.15 W or less Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	Multifeed Detection	Overlap detection (Ultrasonic sensor)			
Power Consumption Operating Mode 19 W or less Sleep Mode 1.7 W or less Auto Standby (Off) 0.15 W or less Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	Interface				
Power Consumption Operating Mode 19 W or less Sleep Mode 1.7 W or less Auto Standby (Off) 0.15 W or less Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	Power Requirements	AC 100 to 240 V ±10 %			
Sleep Mode 1.7 W or less Auto Standby (Off) 0.15 W or less Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	Power Consumption	<u> </u>			
Auto Standby (Off) 0.15 W or less Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	Operating Mode	19 W or less			
Auto Standby (Off) 0.15 W or less Mode 0.15 W or less Operating Environment 5 to 35 °C (41 to 95 °F)	Sleep Mode	1.7 W or less			
Mode 0.15 W or less Operating Environment Temperature 5 to 35 °C (41 to 95 °F)					
Temperature 5 to 35 °C (41 to 95 °F)		0.15 W or less			
	Operating Environment				
Relative Humidity 20 to 80% (non-condensing)	Temperature	5 to 35 °C (41 to 95 °F)			
	Relative Humidity				

Environmental	ENERGY STAR®, RoHS			
Compliance				
Dimensions*9				
(Width x Depth x	296 x 105 x 83 mm (11.7 x 4.1 x 3.3 in.)			
Height)				
Weight	2.0 kg (4.4 lb)	2.0 kg (4.4 lb)		
Supported	Windows [®] 11 ^{*10} , Windows [®] 10 ^{*10} ,			
Operating System	Windows Server [®] 2022, Windows Server [®] 2019,			
	Windows Server [®] 2016, macOS, Linux (Ubuntu)			
Software / Drivers	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA			
	Driver*11, Image Scanner Driver for macOS (ICA)*11*12,			
	Image Scanner Driver for Linux (SANE) ^{*11*12} , PaperStream Capture, PaperStream ClickScan ^{*12} , Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap ^{™*12} , Scanner Central Admin Server			
Image Processing	Multi image output, Automatic color detection, Blank			
Functions	page detection, Static threshold, Dynamic threshold			
i uncuons	(iDTC), Advanced DTC, SDTC, Error diffusion, Dither, De-Screen, Emphasis, Dropout color (None/Red/ Green/Blue/White/Saturation/Custom), sRGB output, Cropping, Index tab cropping, Split image, De-Skew,			
	Edge correction, Vertical streaks reduction, Character extraction, Background pattern removal			
Included Items	AC cable, AC ad	AC cable, AC adapter, USB cable, Setup DVD-ROM		
Options		1		
Carrier Sheets	PA03360-0013	Each package contains 5 carrier		
		sheets		
Photo Carrier Sheets	PA03770-0015	Each package contains 3 carrier		
		sheets		
Booklet Carrier Sheets	PA03810-0020	Each package contains 1 carrier		
		sheets		
Consumables				
Pick Roller	PA03795-0001	Every 150,000 sheets or one year		
Pad Unit	PA03795-0002	Every 30,000 sheets or one year		
	1			

*1 Scanning speeds may vary due to the system environment. For details, please visit our website at: https://www.pfu.ricoh.com/global/scanners/fi/. *2 Indicated speeds are from using JPEG compression. *3 Indicated speeds are from using TIFF CCITT Group 4 compression. *4 When scanning in high resolutions (600 dpi or above), scanning may be rejected depending on scanning mode, document size, memory size, and application program. 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 Long page scanning is only available when using the ADF. Supports documents with lengths or up to 5,588 mm (220 in.) when resolutions are set to 200 dpi or less. For higher resolutions, supported document lengths vary. *7 Maximum capacity depends on paper weight and may vary. *8. Wimbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. *9 With the ADF paper chute closed. *10 fi Series scanners do not run with Windows[®] 11 and 10 ARM-based PCs. *11 Functions equivalent to those offered by PaperStream IP may not be available with the Image Scanner Driver for macOS/Linux or WIA Driver. *12 Refer to the fi Series Support Site for driver/software downloade and full limpus of all curversting curver may reprint. downloads and full lineup of all supported operating system versions

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