

Image Scanner

RICOH fi-70F Datasheet

Scanner

RICOH
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Compact design ideal for use at a counter desk

The fi-70F scans documents in a mere second (A6 portrait 200/300 dpi), and guarantees short wait times with quick startup times of half a second.

Compact design to scan anywhere

The fi-70F scans identification and small cards of all types and sizes – such as driver's licenses, passports, insurance cards, credit cards, and small survey forms. It is capable of drawing power from computer USB ports, and can be used even in environments with no AC power sources. Comes in a truly compact design, the fi-70F fits in cramped spaces, making it the ideal scanner for countertops at banks and car rental offices, as well as receptions at hotels, hospitals, and retail environments. Perform quick scanning operations naturally while conversing with your customers.

Boosted productivity with easier operation

Scan and save images with just one touch of the button. Coverless scanning capabilities also allow scanning without repetitive opening and closing of the cover before, after, and between each scan, making scanning tasks much more efficient. Various intelligent image processing functions like Automatic Cropping, Automatic Rotation, and De-skew enable you to scan high quality images confidently without adjusting any settings.

Environment-friendly specifications

The fi-70F is designed to incorporate advanced energy efficient technologies. Not only does it comply with ENERGY STAR and RoHS, but its entire manufacturing process complies with strict environment regulations.

Advanced software for maximized efficiency

Bypass the inconvenience of making fine adjustments to OCR settings with the PaperStream IP scanner driver, supporting both TWAIN and ISIS. The software automatically converts scanned images into exceptionally clean images, supporting OCR accuracy even when scanning documents with background patterns or wrinkled and soiled documents. Working with the driver, PaperStream Capture effectively and efficiently feeds information into users' organizations workflow with its various batch scanning capture features.

Technical Information

Scanner Type	Flatbed, Simplex
Scanning Speed* ¹ (105 x 148 mm / 4.1 x 5.8 in. / A6)	
AC Adapter	
Color	1.3 seconds (200 dpi) 2.0 seconds (300 dpi)
Grayscale/ Monochrome	0.9 seconds (200 dpi) 1.0 seconds (300 dpi)
USB Bus-Powered	
Color	2.0 seconds (200 dpi) 2.5 seconds (300 dpi)
Grayscale/ Monochrome	2.0 seconds (200/300 dpi)
Image Sensor Type	CIS (CMOS CIS)
Light Source	3 Color LED
Optical Resolution	600 dpi
Output Resolution (Color / Grayscale / Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver)* ²
Output Format	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit
Background Colors	Black
Document Size	Maximum: 105 x 148 mm (4.1 x 5.8 in.)
Interface	USB 2.0 / USB 1.1
Power Requirements	AC 100 to 240 V ±10 %
Power Consumption	
AC Adapter	
Operating Mode	6 W or less
Sleep Mode	2 W or less
Auto Standby (Off) Mode	0.3 W or less
USB Bus-Powered	
Operating Mode	5 W or less
Sleep Mode	2 W or less
Auto Standby (Off) Mode	0.3 W or less

Operating Environment	
Temperature	5 to 35 °C (41 to 95 °F)
Relative Humidity	20 to 80% (non-condensing)
Environmental Compliance	ENERGY STAR®, RoHS
Dimensions* ³ (Width x Depth x Height)	145 x 234 x 40 mm (5.7 x 9.2 x 1.6 in.)
Weight	0.9 kg (1.98 lb)
Supported Operating System	Windows 11* ⁴ , Windows 10* ⁴ , Windows Server 2025, Windows Server 2022, Windows Server 2019, Windows Server 2016
Software / Drivers* ⁶	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver* ⁵ , PaperStream Capture, PaperStream ClickScan, Software Operation Panel, PaperStream Central Admin
Included Items	AC cable, AC adapter, USB cable, USB bus power cable, Setup DVD-ROM

Options

PaperStream Capture Pro	PA43404-B403	One year license of PaperStream Capture Pro
PaperStream Capture Pro Premium	PA43404-B421	One year license of PaperStream Capture Pro Premium

*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 Some limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning at high resolution (over 600 dpi). *³ Protruding items are not included in indicated dimensions. *⁴ fi Series scanners do not run with Windows 11 and 10 ARM-based PCs. *⁵ Functions equivalent to those offered by PaperStream IP may not be available with the WIA Driver. *⁶ Refer to the fi Series Support Site for driver/software downloads and full lineup of all supported operating system versions. *⁷ 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.

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Safety Precautions

Be sure to carefully read all safety precautions prior to using this product and use this device as instructed. Do not place this device in wet, moist, steamy, dusty or oily areas. Using this product under such conditions may result in electrical shock, fire or damage to this product. Be sure to limit the use of this product to listed power ratings.

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.