

Image Scanner

RICOH fi-70F

Scanner



The ultra compact fi-70F from RICOH has been especially designed for easy and quick scanning of single, small format documents. With impressive convenience the fi-70F redefines small document scanning within customer facing environments.

- **Efficient.** Scan A6 black and white documents in 1 second, colour documents in 1.3 seconds at 200 dpi
- **Compact.** Small size and flexible usage for hassle free and instant digitisation
- **Adaptive.** Can be optionally powered by USB for further flexibility
- **Bundled.** PaperStream IP and PaperStream Capture for high performance and automatic image enhancement



Original image



Cropped image

Suits a wide range of applications

The fi-70F is widely suited to a large range of applications particularly those where fast and speedy scanning of personal documents such as a prescription, passport, driving license or identification card is required. This could typically be within a doctor's surgery, financial institution, airport, hotel, embassy, government office, company reception or police station.

High speed scanning

The fi-70F is able to scan an A6 sized greyscale or black and white document (200 / 300 dpi) in one second, or in colour in just 1.3 seconds at 200 dpi. Coupled with an impressively quick start up time, this means that where scanning is done in customer facing environments there is very little delay in processing times.

Compact size, USB powered

The fi-70F is the smallest scanner in its class with a footprint of just 14.5 x 23.4 cm and can be comfortably installed when space is at a premium. Should access to a mains power supply be limited then the scanner can be optionally powered by USB with similar scanning speeds (just 2 seconds for an A6 colour or black and white document at 200 dpi).

Ease of operation and convenience

The operability of the fi-70F is further enhanced with a scan button that can immediately initiate the scan process to pre-defined settings.

Additionally scanning can be done with or without the easily removable cover meaning that a document could be placed on the glass surface, scan button pressed and scanned image stored all in a matter of seconds without any unnecessary effort.



fi-70F

RICOH

RICOH best-in-class scanner driver and document capturing software



PaperStream IP

Scanner driver for high-quality image enhancement

- TWAIN and ISIS compliant scanner driver
- Industry leading integrated image enhancement capabilities
- Patch code and barcode recognition
- Pre-defined and custom scanning profiles for routine tasks
- Supports the user when needed with visual guidance through "Assisted Scan"
- Auto cropping, auto deskew, auto colour detecting, auto blank page detection and deletion



PaperStream Capture

Efficient, high-quality front-end capture solution

- One-stop batch scanning application that simplifies and accelerates the routine task of document capture through its "One Click Capture" concept
- High-speed, high volume scanning with real-time image display, bar code detection and indexing
- PaperStream IP is an integral part of PaperStream Capture and ensures high-quality images
- Scan-verify-index-release in a single, streamlined routine that every user can easily perform
- Supports ad hoc scanning requirements for exception handling through "Assisted Scan" and, where required, instantly changing settings

Specifications

Model	fi-70F
Supported operating systems	See http://www.pfu-emea.ricoh.com for further information
Scanner type	Flatbed
Scanning modes	Simplex, Colour / Greyscale / Mono
Image sensor type	Colour CIS (Contact Image Sensor) (CMOS CIS)
Light source	RGB LED (variable light source)
Document size	Maximum: A6 (105 x 148 mm)
Scanning speed with AC Adapter	Colour
(A6 Portrait) ^{*1}	1.3 seconds (200 dpi)
Greyscale / Mono	1 second (200 / 300 dpi)
Scanning speed USB powered ^{*2}	Colour
(A6 Portrait) ^{*1}	2 seconds (200 dpi)
Greyscale / Mono	2 seconds (200 / 300 dpi)
Background colours	Black
Optical resolution	600 dpi
Output resolution	50 to 600 dpi (adjustable by 1 dpi increments)
Output format	Colour: 24 bit, Greyscale: 8 bit, Mono: 1 bit
AD converter	65,536 levels (16 bit)
Interface / Connector shape	USB 2.0 / USB 1.1 / B type
Power requirements	AC 100 to 240 V ±10%
Power consumption	AC Adapter
	Operating mode: 6W or less / Sleep mode: Less than 2W or less / Auto standby (off) mode: 0.5W or less
	USB powered
	Operating mode: 5W or less / Sleep mode: Less than 2W or less / Auto standby (off) mode: 0.5W or less
Operating environment	Temperature: 5 to 35°C / Relative humidity: 20 to 80% (Non-condensing)
Dimensions (W x D x H) / Weight	145 x 234 x 40 mm (when closed) / 0.9 kg
Included software / drivers	PaperStream IP (TWAIN / ISIS) driver, PaperStream Capture, Software operation panel
Environmental compliance	ENERGY STAR® and RoHS
Others	Document cover
	Included (removable)
	Power button
	Available (rear panel of scanner)
Included items	AC cable, AC adapter, USB cable, USB power cable, Setup DVD-ROM, Safety Precautions

^{*1} Actual scanning speeds are affected by data transmission and software processing times.

^{*2} Two USB ports are required.

^{*3} Geographic Limitations may apply to Service Plans and Service Levels in some countries. Please contact us for more information.

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