Image Scanner

RICOH fi-7480
Datasheet

☑ Scanner

The most compact A3 scanner that reliably handles mixed batches and large sizes

The fi-7480 scans A4 landscape documents at 80 ppm/160 ipm (200/300 dpi).

Assistance for safe and reliable scanning

The fi-7480 possesses diverse stable paper feeding mechanisms, with its brake rollers functioning as its fundamental mechanism to separate each scanned document. Minimize risk of document damage with stable paper feeding that Paper Protection function provides through its detection of anomalies in sound and monitoring of paper feed distance. And bid farewell to missing edges with the scanner's Skew Reducer mechanism. Potential information loss, resulting from multiple sheets being fed through the scanner at once, is also no longer an issue with Ultrasonic Multi-feed detection.

Boosted workflow with various functions

The scanner is capable of scanning a wide variation of documents: A8 to A3 documents and plastic cards as well as thick folded A2 documents, drawings folded in half, multi-layered receipts, and envelopes by switching between Manual/Single mode. Load documents with ease and reduce your workload before and after scanning, with the scanner's

independent side guides helping you align edges of variously sized documents. Keep track of scanner operations and scan up to 50 previously registered jobs, using the LCD operation panels. The Stacking Control function, a key stable paper feeding mechanism, also assists in controlling paper output speed and makes sure that documents are ejected neatly. Operation of all these functions is fairly simple and ensures users with efficient workflow assistance.

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. Seamlessly linked to PaperStream IP, PaperStream Capture effectively and efficiently feeds information into your organization workflow with its various batch scanning capture features. Automatically utilizing data extracted from barcodes and patch codes, the software also determines your preferred saving destinations and eliminates time allocated to routine tasks.

Technical Information

Scanner Type	ADF (Automatic Document Feeder) / Manual Feed, Duplex
Scanning Speed*1 (A4 Landscape) (Color*2/Grayscale*2/ Monochrome*3)	Simplex: 80 ppm (200/300 dpi) Duplex : 160 ipm (200/300 dpi)
Scanning Speed*1 (A4 Portrait) (Color*2/Grayscale*2/ Monochrome*3)	Simplex: 65 ppm (200/300 dpi) Duplex : 130 ipm (200/300 dpi)
Image Sensor Type	Color 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	304.8 x 431.8 mm (12 x 17 in.)
Minimum	50.8 x 69 mm (2 x 2.7 in.) (Portrait)
Long Page Scanning*6	5,588 mm (220 in.)
Paper Weight (Thickness)	
Paper	27 to 413 g/m² (7.2 to 110 lb) A8 size: 127 to 209 g/m² (34 to 56 lb)
Plastic Card	Up to 1.4 mm*7
ADF Capacity*8	100 sheets (A4 80 g/m² or Letter 20 lb)
Expected Daily Volume*9	24,000 sheets
Multifeed Detection	Overlap detection (Ultrasonic sensor), Length detection
Paper Protection	Lag detection, Sound detection (iSOP)*10
Interface	USB 3.0 / USB 2.0 / USB 1.1
Power Requirements	AC 100 to 240 V ±10 %
Power Consumption	
Operating Mode	43 W or less
Sleep Mode	1.4 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*11 (Width x Depth x Height)	380 x 209 x 168 mm (15.0 x 8.2 x 6.6 in.)
Weight	7.6 kg (16 lb)
Supported Operating System	Windows® 11*12, Windows® 10*12, Windows Server® 2022, Windows Server® 2019, Windows Server® 2016, Linux (Ubuntu)
Software / Drivers	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver*13, Image Scanner Driver for Linux (SANE)*13*14, PaperStream Capture, PaperStream ClickScan*14, Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap™*14, Scanner Central Admin Server
Image Processing Functions	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 correction, Vertical streaks reduction, Cropping, Static threshold
Included Items	ADF paper chute, AC cable, AC adapter, USB cable, Setup DVD-ROM

Options

Post Imprinter (FI-748PRB)	PA03710-D401	Back-side printing on document
PaperStream Capture Pro Scan Station (DP)	PA43404-A675	PaperStream Capture Pro optional license

Consumables

Brake Roller	PA03710-0001	Every 200,000 sheets or one year
Pick Roller	PA03670-0002	Every 200,000 sheets or one year
Print Cartridge	CA00050-0262	4,000,000 printed characters or 6 months after opening the bag

*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 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 Capable of scanning documents longer than A3 (297 x 420 mm / 11.7 x 16.5 in.) sizes. When using PaperStream IP (TWAIN/ISIS) to scan at 200 dpi, the maximum scanning length is 5,588 mm (220 in.). *7 Capable of scanning up to 3 cards at a time. (Note: does not set more than one embossed card at a time.) *8 Maximum capacity depends on paper weight and may vary. *9 Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. *10 Intelligent Sonic Paper Protection. *11 Excludes the ADF paper chute and Stacker. *12 fi Series scanners do not run with Windows® 11 and 10 ARM-based PCs. *13 Functions equivalent to those offered by PaperStream IP may not be available with the Image Scanner Driver for Linux or WIA Driver. *14 Refer to the fi Series Support Site for driver/software downloads and full lineup of all supported operating system versions.

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