FUJITSU

Datasheet
FUJITSU Image Scanner fi-7160

The fi Series standard ADF scanner offers superior performance

The fi-7160 scans A4 portraits at 60 ppm/120 ipm (200/300 dpi), loads up to 80 sheets at a time, and ensures utmost efficiency with amazing scanning performance.

Assistance for safe and reliable scanning
The fi-7160 possesses diverse stable paper feeding mechanisms, ensuring speedy and high quality scanning without relying on PC performance. Minimize risk of document damage with Paper Protection function detecting anomalies in sound and monitoring 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 usability with a user-friendly and compact design
The scanner's compact design is suitable for use anywhere: on desks, countertops, and inside small offices. Start scanning with a single push of a button. Keep track of scanner operations such as document scanning settings, number of sheets scanned, as well as any existing error statuses, using the LCD operation panels. Daily maintenance tasks, including interior cleaning and roller replacement, can also be done with ease for long-lasting utilization.

High quality images in any condition
Enjoy sharp, high quality images with the fi-7160's CCD image sensors. Subtle changes in scanning environment, such as in air temperature and LED illumination, are also no longer a need for concern with the scanner automatically changing background colors to maintain consistently crisp images.

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), Duplex
Scanning Speed[1] (A4 Portrait) (Color[2]/Grayscale[2]/Monochrome[3])	Simplex: 60 ppm (200/300 dpi) Duplex: 120 ipm (200/300 dpi)
Image Sensor Type	Color CCD x 2 (front x 1, back x 1)
Light Source	White LED Array x 2 (front x 1, back x 1)
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[6]	216 x 355.6 mm (8.5 x 14 in.)
Minimum	50.8 x 54 mm (2 x 2.1 in.)
Long Page Scanning[7] (Maximum)	5,588 mm (220 in.)
Paper Weight (Thickness)	
Paper	27 to 413 g/m² (7.2 to 110 lb)[8]
Plastic Card	1.4 mm (0.055 in.) or less[9]
ADF Capacity[10][11]	80 sheets (A4 80 g/m² or Letter 20 lb)
Expected Daily Volume[12]	9,000 sheets
Multifeed Detection	Overlap detection (Ultrasonic sensor), Length detection
Paper Protection	Lag detection, Sound detection (iSOP)[13]
Interface[14]	USB 3.0 / USB 2.0 / USB 1.1
Power Requirements	AC 100 to 240 V ±10 %
Power Consumption	
Operating Mode	38 W or less
Sleep Mode	1.8 W or less
Auto Standby (Off) Mode	Less than 0.35 W
Operating Environment	
Temperature	5 to 35 °C (41 to 95 °F)
Relative Humidity	20 to 80% (non-condensing)

Environmental Compliance	ENERGY STAR®, RoHS
Dimensions[15] (Width x Depth x Height)	300 x 170 x 163 mm (11.8 x 6.7 x 6.4 in.)
Weight	4.2 kg (9.3 lb)
Supported Operating System	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, Windows Server® 2008[16], macOS, Linux (Ubuntu)
Included Software / Drivers	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver[17], Image Scanner Driver for macOS (ICA)[17][18], Image Scanner Driver for Linux (SANE)[17][18], PaperStream Capture, PaperStream ClickScan[18], Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap™[18], Scanner Central Admin
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 filler, Vertical streaks reduction, Cropping, Static threshold
Included Items	ADF paper chute, AC cable, AC adapter, USB cable, Setup DVD-ROM

Options

Post Imprinter (FI-718PR)	PA03670-D201	Back-side printing on document
Carrier Sheets	PA03360-0013	Each package contains 5 carrier sheets
2D Barcode for PaperStream	PA43404-A433	Reads PDF417, QR code, Data Matrix, Aztec Code
PaperStream Capture Pro Scan Station (WG)	PA43404-A665	PaperStream Capture Pro optional license

Consumables

Brake Roller	PA03670-0001	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 Actual scanning speeds are affected by data transmission and software processing times. *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 Scans folded documents of up to 297 x 432 mm (11.7 x 17 in.) with carrier sheet scanning. *7 Capable of scanning documents longer than A4 (210 x 297 mm / 8.3 x 11.7 in.) sizes. When using PaperStream IP (TWAIN/ISIS) to scan at 200 dpi, the maximum scanning length is 5,588 mm (220 in.). *8 Thicknesses of up to 127 to 209 g/m² (34 to 56 lb) can be scanned for A8 (52 x 74 mm / 2.1 x 2.9 in.) sizes. *9 Capable of scanning up to 3 cards at a time (Note: does not set more than one embossed card at a time). *10 Maximum capacity depends on paper weight and may vary. *11 Capable of setting additional documents while scanning. *12 Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. *13 Intelligent Sonic Paper Protection. *14 Connection with USB 3.0 / 2.0 requires the USB port and hub to support USB 3.0 / 2.0. Also note that scanning speed slows down when using USB 1.1. *15 Excludes the ADF paper chute and stacker. *16 Requires PaperStream IP 1.60.0 or earlier and PaperStream Capture 2.8.2 or earlier. *17 Functions equivalent to those offered by PaperStream IP may not be available with the Image Scanner Driver for macOS/Linux or WIA Driver. *18 Refer to the fi Series Support Site for driver/software downloads and full lineup of all supported operating system versions.

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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.
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