FUJITSU

Datasheet
FUJITSU Image Scanner fi-7700

Flatbed scanner for professional use enables heavy-duty & flexible scanning

The fi-7700 scans documents at 100 ppm/ 200 ipm (A4 landscape 200/300 dpi) and improves work efficiency with its ability to scan a wide variety of business documents as well as capacity to load 300 sheets at a time.

Assistance for safe and reliable scanning
The straight paper path structure is designed to assure stable scanning regardless of document conditions and types. With Manual/Single mode, scan thick documents such as drawings folded in half, multi-layered receipts, and envelopes without specific operation. 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. Missing edges are also no longer a struggle with the scanner's Skew Reducer mechanism.

Flexible and functional design to meet all user needs
The fi-7700 is equipped with an ADF that can slide to the right or left, as well as rotate 180 degrees, enabling easy document loading with ADF adjustment to suit workspace environments or physical conditions. 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. 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. You can now also scan thick or fragile documents with the document cover kept open, thanks to the Cover-Open Cropping function.

Advanced software for enhanced efficiency
The PaperStream IP scanner driver, supporting both TWAIN and ISIS, enables you to bypass the inconvenience of making fine adjustments to OCR settings. 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. With its automatic utilization of 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 / Flatbed, Duplex
Scanning Speed*1 (A4 Landscape) (Color*2/Grayscale*2/Monochrome*3)	ADF	Simplex: 100 ppm (200/300 dpi) Duplex: 200 ipm (200/300 dpi)
	Flatbed	0.6 seconds (200/300 dpi)
Scanning Speed*1 (A4 Portrait) (Color*2/Grayscale*2/Monochrome*3)	ADF	Simplex: 80 ppm (200/300 dpi) Duplex: 160 ipm (200/300 dpi)
	Flatbed	0.9 seconds (200/300 dpi)
Image Sensor Type		Color CCD x 3 (front x 1, back x 1, Flatbed x 1)
Light Source		White LED Array x 6 (front x 2, back x 2, Flatbed 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		ADF: White / Black (selectable) Flatbed: White (or optional black)

Document Size

ADF	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.)
Flatbed	Maximum	304.8 x 457.2 mm (12 x 18 in.)

Paper Weight (Thickness)*7

Paper	20 to 413 g/m² (5.3 to 110 lb) Less than A8 size: 128 to 209 g/m² (34 to 56 lb)
Plastic Card	Up to 1.4 mm*8
Paper Chute Capacity*9 (A4 Landscape)	300 sheets (A4 80 g/m² or Letter 20 lb)
Typical Daily Duty Cycle*10	30,000 sheets
Multifeed Detection	Overlap detection (Ultrasonic sensor), Length detection
Paper Protection	Warp detection, Sound detection (iSOP)
Interface	USB 3.1 Gen 1 / USB 3.0 / USB 2.0 / USB 1.1

Power Requirements	AC 100 to 240 V ±10 %
Power Consumption	
Operating Mode	64 W or less
Sleep Mode	1.7 W or less
Auto Standby (Off) Mode	0.35 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)	706 x 500 x 345 mm (27.8 x 19.7 x 13.6 in.)
Weight	35 kg (77 lb)
Supported Operating System	Windows® 10 (32-bit/64-bit), Windows® 8.1 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Server® 2016 (64-bit), Windows Server® 2012 R2 (64-bit), Windows Server® 2012 (64-bit), Windows Server® 2008 R2 (64-bit), Windows Server® 2008 (32-bit/64-bit)
Included Software / Drivers	PaperStream IP driver (TWAIN/TWAIN x64/ISIS), PaperStream Capture, ScanSnap Manager for fi Series*12, Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap™*12, Scanner Central Admin, 2D Barcode for PaperStream*12
Image Processing Functions	Multi image output, Automatic color detection, Blank page detection, Dynamic threshold (iDTC), Advanced DTC, SDTC, Error diffusion, De-Screen, Emphasis, Halftone, 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, Dither, Static threshold, Divide Long Page
Included Items	Stacker, ADF paper chute, AC cable, AC adapter, USB cable, Setup DVD-ROM

Options

Black Document Pad (FI-575BK)	PA03338-D960	Black flatbed background pad
PaperStream Capture Pro Scan Station (LV)	PA43404-A685	PaperStream Capture Pro optional license

Consumables

Brake Roller	PA03740-K010	Every 250,000 sheets or one year
Pick Roller	PA03740-K011	Every 250,000 sheets or one year

*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 density may vary depending on the length of the scanned document.
*5 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).
*6 Capable of scanning documents that exceed Legal sheets in length. Long page scanning supports documents with lengths of up to 5,588 mm (220 in.) when the resolution is set to 200 dpi or less.
   Documents of up to 200m (218.8 yd.) can be scanned if scans of long page documents are split into multiple pages.
*7 Paper weight limitations only apply when using the ADF. There are no limitations when using the flatbed.
*8 Capable of scanning up to 3 cards at a time when using the ADF. (Note: only one embossed card can be scanned at a time).
*9 Maximum capacity depends on paper weight and may vary.
*10 When operating 8 hours a day.
*11 Excludes the ADF hopper and stacker.
*12 Software can be downloaded from the website designated in the Setup DVD-ROM.

Specifications are subject to change without notice. Visit the fi Series website for more information. http://imagescanner.fujitsu.com/