FUJITSU Image Scanner fi-7700

Heavy-duty & flexible production scanner
for professional use

shaping tomorrow with you

■ fi-7700 Features

Stable and smooth scanning of a large volume of documents or various types of documents

The fi-7700 allows you to scan A4 landscape documents at 100 ppm/200 ipm (200/300 dpi). The scanner is suitable for continuous scanning because it allows you to load up to 300 sheets of documents at a time. It helps improve efficiency for scanning a large volume of documents. In addition, various types of documents, such as thin paper, plastic cards, books, magazines, envelopes, and long page documents can be scanned on this scanner.

■ Mechanism for stable paper feeding and ejecting that prevents document damage and paper feeding failure

● **Scan various types of business documents with a single scanner**

The straight paper path structure that reduces the load on a document that is being fed, assures stable scanning regardless of the condition and type of a document. By simply changing the feed mode to non separation mode, you can easily scan thick documents such as drawings folded in half, multi-layered receipts, and envelopes with the same straight paper path operation.

● **Protect important information by preventing missing edges and document damage**

Skew Reducer helps improve the feeding performance significantly and prevents a scanned image from missing an edge. Paper Protection minimizes the risk of document damage and protects your important documents by detecting abnormalities in sound and document length.

■ Design that meets the user's needs

The fi-7700 helps improve the efficiency of operations by providing a variety of functions that make scanning easier for the user.

● **Fully utilize allocated space with its flexible design**

The scanner is equipped with an ADF that can slide to the right or to the left or rotate by 180 degrees. A user can load documents easily for scanning by adjusting the ADF to suit the user's office or workspace environment. Operational panel is equipped with an LCD screen to let user easily check the status of the scanner.

180 degrees movable ADF

● **Reduce the workload before and after scanning from setting to collecting documents**

When setting documents, you can easily align the edges of the documents with independent side guides even if the size of each document varies. For collecting documents, Stacker Side Guide reduces the time and effort that are required for aligning and putting away documents after a scan to prevent ejected documents from being unevenly stacked or aligned. Even when scanning with the flatbed, you can consecutively scan thick, fragile or bound documents with the document cover open, which results in smoother scanning flow.

■ Advanced software for your work efficiency

● **Connect your business workflow with PaperStream IP and PaperStream Capture**

The PaperStream IP scanner driver, which supports TWAIN/ISIS, avoids the inconvenience of fine setting adjustments for OCR processes. It automatically converts the images into exceptionally clean images, accelerating OCR even when scanning wrinkled or soiled documents, or documents with a background pattern. With an intuitive interface, PaperStream Capture effectively and efficiently allows you to feed information into your organization's workflow through various capture features during batch scanning.

● **Barcode recognition, automatic sorting, and indexing**

You can focus on routine tasks (batch scanning) and configure the scanner to create folders that are divided with barcodes or patch codes as well as automatically sort scanned images to save or index them. The automatic selection of a scanning mode according to each patch code allows you to load a mixed batch of documents with different types of documents at the same time. The usability for administrators and users is taken into consideration for image processing, which has made simple operations possible and has improved productivity, so that less work is required for users to sort scanned images.

■ fi-7700 Technical Specifications

Description			fi-7700
Supported operating systems			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)
Scanner type			ADF (Automatic Document Feeder) + Flatbed
Scanning modes			Simplex / Duplex, Color / Grayscale / Monochrome
Image sensor type			Color CCD (Charge-coupled device) 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)
Multifeed detection			Ultrasonic multi-feed detection sensor, Paper detection sensor
Paper protection			Warp detection, iSOP (intelligent sonic paper protection)
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	Maximum[*1]	304.8 x 5,588 mm (12 x 220 in.)
	Flatbed	Maximum	304.8 x 457.2 mm (12 x 18 in.)
Paper weight (Thickness)[*2]	Paper		20 to 413 g/m² (5.3 to 110 lb), A8 size: 128 to 209 g/m² (34 to 56 lb)
	Plastic card		Up to 1.4 mm[*3]
Scanning speed[*4] (A4 Landscape)	ADF	Color[*5]	Simplex: 100 ppm (200/300 dpi), Duplex: 200 ipm (200/300 dpi)
		Grayscale[*5]	
		Monochrome[*6]	
	Flatbed	Color[*5]	0.6 Seconds (200/300 dpi)
		Grayscale[*5]	
		Monochrome[*6]	
Scanning speed[*4] (A4 Portrait)	ADF	Color[*5]	Simplex: 80 ppm (200/300 dpi), Duplex: 160 ipm (200/300 dpi)
		Grayscale[*5]	
		Monochrome[*6]	
	Flatbed	Color[*5]	0.9 seconds (200/300 dpi)
		Grayscale[*5]	
		Monochrome[*6]	
Paper chute capacity (A4 Landscape)[*7]			300 sheets (A4: 80 g/m² or 20 lb)
Background colors	ADF		White / Black (switching with command available)
	Flatbed		White (switching to optional black available)
Optical resolution			600 dpi
Output resolution[*8]	Color (24-bit)		50 to 600 dpi (adjustable by 1 dpi increments), 1200 dpi (driver)[*9]
	Grayscale (8-bit)		
	Monochrome (1-bit)		
Output format	Color		24-bit
	Grayscale		8-bit
	Monochrome		1-bit
Internal video processing			4,096 levels (12-bit)
Interface			USB 3.1 Gen 1 / USB 3.0 / USB 2.0 / USB 1.1
Connector shape			Type B
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
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 ℃ (41 to 95 °F)
	Relative humidity		20 to 80 % (Non-condensing)
Dimensions: Width x Depth x Height[*10]			706 x 500 x 345 mm (27.8 x 19.7 x 13.6 in.)
Weight			35 kg (77.2 lb)
Included software / drivers			PaperStream IP driver (TWAIN/TWAIN x64/ISIS), 2D Barcode for PaperStream[*11], Software Operation Panel, Error Recovery Guide, PaperStream Capture, ScanSnap Manager for fi Series[*11], Scan to Microsoft SharePoint[*11], ABBYY FineReader for ScanSnap[*11], Scanner Central Admin
Environmental compliance			ENERGY STAR® and RoHS
Included items			Stacker, ADF paper chute, AC cable, AC adapter, USB cable, Setup DVD-ROM

*1 Capable of scanning documents that exceed Legal sheets in length. Long page scanning supports documents with a length of up to 5,588 mm (220 in.) when the resolution is set to 200 dpi or less. If you split and output a scanned image of a long page document into multiple pages, a document of up to 200m (218.8 yd.) can be scanned.
*2 The paper weight only applies to using the ADF.
*3 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)
*4 Actual scanning speeds are affected by data transmission and software processing times.
*5 Indicated speeds are from using JPEG compression.
*6 Indicated speeds are from using TIFF CCITT Group 4 compression.
*7 Maximum capacity varies, depending upon paper weight.
*8 Selectable maximum density may vary depending on the length of scanned document.
*9 When scanning at high resolution (over 600 dpi), some limitations apply to the size of the document that could be scanned, depending on system environment.
*10 Excluding the ADF hopper and stacker.
*11 The software can be downloaded from the website designated in the Setup DVD-ROM.

■ Options

Description	Parts number	Comments
Black Document Pad	PA03338-D960	Black flatbed background pads which can be easily replaced by users.

■ Consumables

Description	Parts number	Comments
Brake Roller	PA03740-K010	Lifetime: Every 250,000 sheets or one year. These rollers separate documents as they are being fed into the scanner.
Pick Roller	PA03740-K011	Lifetime: Every 250,000 sheets or one year. These rollers feed documents into the scanner.

■ Trademarks

* ABBYY and FineReader are trademarks of ABBYY Software, Ltd. which may be registered in some jurisdictions.
* ISIS is a registered trademark of EMC Corporation in the United States.
* Microsoft, Windows and Windows Server are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
* Other company names and product names are the registered trademarks or trademarks of the respective companies.

⚠ 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.

Visit the fi Series web site for ordering and purchasing information

http://imagescanner.fujitsu.com

PFU Limited, a Fujitsu company, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a registered trademark of the United States.