

Document Scanners

fi-6800

production



This model is either available bundled with VRS+CGA / Soft IPC / ScandAll PRO or PaperStream IP / PaperStream Capture

Please see model versions on reverse



fi-6800



- 130 ppm / 260 ipm at 300 dpi in colour and mono (A4 Landscape)
- New compact design
- Added features for even better automation powering efficiency
 - Patch Code and Barcode supported job separation
 - “Automatic Stacker” and “Automatic Image Quality Checker”
 - Excellent paper-feeding mechanism
- Bundled with a host of image enhancement tools

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The fi-6800 from Fujitsu. A unique and impressively fast A3 image scanner offering the best cost to performance ratio in the mid volume production class

The fi-6800 has been developed to provide a revolutionary solution for automation improvement, increased productivity, cost reduction and contribution to the environment whilst at the same time minimising time for the operator in both pre and post processing. Aimed at the mid volume document scanning markets, the fi-6800 offers high quality scanning performance and a compact ergonomic design.

Scanning speed and quality

The fi-6800 scanner can process documents speedily and reliably. In fact 130 pages per minute in mono, grayscale and colour and 260 images per minute in duplex (in A4 landscape mode) can be scanned at resolutions of up to 300 dpi. In A4 portrait mode the fi-6800 will comfortably scan in mono, grayscale and colour at 100 pages per minute and 200 images per minute at resolutions of up to 300 dpi.

A typical daily throughput of 20,000 documents can be easily achieved and this duty cycle satisfies production level scanning requirements. If required, the fi-6800 is ready to process even up to 60,000 documents per day. The fi-6800 features custom made colour CCD image sensors and newly developed ultra bright white LED arrays as light source.

The fi-6800 comes with a hopper that will take a maximum 500 A4 sheets at a weight of 80 g/m². The ADF hopper can handle mixed documents from as small as A8 (52 x 74 mm or 2 x 3 in) up to A3 (297 x 420 mm or 12 x 17 in) in size or from 20 g/m² upto 209 g/m² in weight.

Compact and environmentally friendly

The hopper will fold away when not in use thereby helping to minimise the space taken up but also minimising the cleaning requirements of the scanner when compared with open devices. The fi-6800 reaches new heights when it comes to its compact nature. The footprint measures just 460 mm width by 430 mm depth enabling the device to sit comfortably on any desktop or office environment.

Superior feeding and enhanced user experience

The fi-6800 supports new automatic functionalities that make scanner operating tasks even easier, faster and a lot more energy efficient.

Reduce the hassle of post-scan tasks with 'Automatic Stacker' and 'Automatic Image Quality Checker'. 'Automatic Stacker' ensures all your scanned documents are stacked neatly and tidily while 'Automatic Image Quality Checker' detects any image irregularities (folds or tears in the scanned document) after scanning.

The fi-6800 from Fujitsu features an incredibly reliable paper-feed mechanism which is derived from Fujitsu's top of the line fi-5950 model. Utilising fi-series renowned 'Paper Protection' function and 'Multifeed Protection' function paper feed problems are tackled before they happen thereby bringing optimised workflow to your business.

With this exceptional feeding mechanism that allows for mixed batch processing the need for timely uniform batch processing is eliminated as well as scanning delays and rescanning repercussions that come about as a result of paper jams and unknown double feeds.

Image enhancement

The fi-6800 offers the user hardware based deskew and auto cropping functionality. Deskew ensures that if documents are not placed in a straight edge format, they are straightened up as they are scanned. Auto cropping means that if mixed size documents are scanned, only the exact document area will appear on screen.





ScandAll PRO

VRS Pro hardware and ScandAll PRO V2 Premium software

The fi-6800 comes with the full version of VRS Professional hardware that can be used for adding advanced image enhancement operations to the scanning process. These can be combined to receive digital document images that show high visual quality and require little or no additional manual interference. Some other features include intelligent content orientation recognition and auto-rotation.

The fi-6800 series comes bundled with new ScandAll PRO V2 Premium scanning software, which features embedded zonal OCR functionality, multi-streaming options and a wealth of output format including password protected PDF and PDF/A formats. In daily operation tasks the user can be supported by setting up job routine profiles that can easily be ex- and imported by multiple scan stations. ScandAll PRO V2 Premium also provides automatic job separation functionality using separator sheets with printed barcodes and patch codes as well as 2D codes (matrix codes) to sort image data from multiple page feeds into user-defined files. This function has been developed for fast batch scanning even of mixed document loads, improving overall work efficiency.

Also bundled as standard is centralised administration software that dramatically reduces the cost and effort of setting-up, operating and maintaining many scanners in an organization - and in expanding the scanner network to multiple remote locations. System administrators can manage the installation of multiple PC-attached scanners and network scanners from a single location, manage client and server devices on the network, establish scanner groups, monitor operational status, update drivers and software, and much more. This software ensures instant response to scanner errors and timely alerts when consumables are running low.

Options

Post imprinters are available for the fi-6800 which enables users to print information on the original document for compliance and document management purposes. A post imprinter fi-680PRF can be utilised to print characters on the front page of scanned documents and an imprinter fi-680PRB can be utilised to scan characters on the backside of scanned documents. Both post imprinters can be mounted simultaneously and be used consecutively in different profiles. It is possible to combine the physical imprint with a corresponding virtual imprint on the image, thereby providing an easy means of cross reference.



There are two consumable kits available for the fi-6800; a single pack contains a pick roller, separator roller and a brake roller covering a maximum lifetime of 600,000 scans or one year. The twin pack contains two pick rollers, separator rollers and brake rollers covering a maximum lifetime of 1.200.000 scans or one year.

A cleaning kit for the fi-6800 will help optimise scanning and prolong the lifespan of your machine; the kit includes Pump Spray Cleaner, and 75 Lint Free Cloths.

Software, interfaces and compatibility

With VRS Professional supported by CGA hardware the fi-6800 also comes bundled with a host of software including, ScandAll PRO V2 Premium, QuickScan Pro Demo, Scanner Central Admin and Scan to Microsoft SharePoint.

The fi-6800 can be operated through USB or SCSI interfaces, allowing for direct TWAIN and ISIS driver control. Additionally the operator can make use of VRS Professional image enhancement routines powered by a dedicated CGA board.

fi-6800 Specifications



ENERGY STAR® compliant

Product name		fi-6800
Scanner type		ADF (Automatic Document Feeder)+Manual Feed
Scanning modes		Simplex / Duplex, Colour / Grayscale / Monochrome
Image sensor type		Colour CCD (Charge-coupled device) x 2 (front x 1, back x 1)
Light source		White LED array
Document size	Minimum	A8 Portrait (52 x 74 mm or 2 x 3in.)
	Maximum	A3 (297 x 420 mm or 12 x 17in.)
Paper weight (Thickness)		Less than A5 size : 0.050 to 0.25mm (41 to 209 g/m ² , or 11 to 56 lb) A4 to A5 size : 0.025 to 0.25mm (20 to 209 g/m ² , or 5.4 to 56 lb) Over A4 : 0.050 to 0.254mm (41 to 209 g/m ² , or 11 to 56 lb)
Scan Speed¹ (A4 Landscape)	Colour²	Simplex: 130 ppm (200, 300 dpi), Duplex: 260 ipm (200, 300 dpi) (Duplex: 260 ipm (200 dpi), 250 ipm (300 dpi) *With CGA board)
	Greyscale²	
	Monochrome	
Scan Speed¹ (A4 Portrait)	Colour²	Simplex: 100 ppm (200, 300 dpi), Duplex: 200 ipm (200, 300 dpi) (Duplex: 200 ipm (200, 300 dpi) *With CGA board)
	Greyscale²	
	Monochrome	
Paper chute capacity³		500 sheets (A4: 80 g/m ² or 21 lb)
Daily volume range		20,000 to 60,000 sheets/day
Background colours		White / Black (Selectable)
Optical resolution		600 dpi
Output resolution⁴	Colour (24 bit)	50 to 600 dpi (adjustable by 1 dpi increments) (100 / 150 / 200 / 240 / 300 / 400 dpi) *With CGA board
	Greyscale (8 bit)	
	Monochrome (1 bit)	
Output format		Colour: 24 bit, 8 bit (8 bit and 4 bit with driver) / Grayscale: 8 bit (4 bit with driver) / Mono: 1bit
AD converter		1024 levels (10 bit)
Interface^{5,6}		Ultra SCSI, USB2.0, With CGA board: Ultra Wide SCSI, USB2.0
Connector shape		Ultra SCSI: Shield type 50 pin (pin type), USB: B type. With CGA board: Ultra Wide SCSI: Shield type 68 pin (pin type), USB: B type
SCSI Terminator		Built-in
Image processing (half-tone)		Dither / Error diffusion
Voltage or voltage range / Power consumption		AC 100 to 240V +10%/-10% / Operating: 200W or less (Sleep mode: less than 4W ¹⁰)
Operating environment		Temperature: 15 to 35°C / Relative humidity: 20 to 80% (Non-condensing)
Dimensions: Width x Depth x Height⁷ / Weight		460 x 430 x 310mm / Installation space: 860 x 1630 x 350 mm / 32 kg
Included software / drivers		TWAIN, ISIS ⁸ , Scanner Central Admin
Environmental compatibility⁹		ENERGY STAR [®] , and RoHS
Others Multi-feed detection		3 ultrasonic multi-feed detection sensors
Long paper scanning⁹		3048 mm (120in.)
Included items		AC cable, USB cable, Setup DVD-ROM, QuickScan™ Pro brochure

Options	Part number	Remarks
Post Imprinter (Frontside) (FI-680PRF)	PA03575-D201	The imprinter option enables users to print on the front or back sides of the information on original documents for document management purposes after it has been scanned.
Post Imprinter (Backside) (FI-680PRB)	PA03575-D203	

Model versions	Part number	Remarks
VRS+CGA / Soft IPC / ScandAll PRO	PA03575-B001	For further information please visit http://emea.fujitsu.com/scanners
PaperStream IP / PaperStream Capture	PA03575-B061	For further information please visit http://emea.fujitsu.com/scanners

Consumables	Part number	Remarks
Consumable kit single pack	CON-3575-001A	Includes Pick Roller, Separator Roller, Brake Roller
Consumable kit twin pack	CON-3575-002A	Includes 2 x Pick Rollers, 2 x Separator Rollers, 2 x Brake Rollers
Print cartridge	CA00050-0262	Lifetime: 4,000,000 characters, FI-680PRF and FI-680PRB print head
Cleaning kit	SC-CLE-LV	1 bottle of F1 cleaning fluid, 75 x lint free cleaning cloths

Warranty and Service Plans [*]	Remarks
Standard Warranty	1 Year Onsite Service within next working day with full spare parts kit; Hotline and Online support; parts, labour and shipping included. Preventative maintenance visit if registered
Upgrade Options	1-5 year upgrades available on new scanners at time of scanner purchase or within 30 days of purchase, upgrades the warranty
Renewal Options	1-2 year renewals available when warranty or previous service plan has expired

Visit <http://emea.fujitsu.com/assurance> for further information on standard warranty and our Bronze, Silver, Gold and Platinum upgrade options.

* Certain limitations may apply depending on geographic location, please visit <http://emea.fujitsu.com/scanners/assurance> for further information

Notes

¹ Actual scanning speeds are affected by data transmission and software processing times.

² JPEG compressed figures.

³ Maximum capacity varies, depending upon paper weight.

⁴ Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex.

⁵ You cannot use both SCSI and USB 2.0 interfaces at the same time.

⁶ You cannot connect multiple computers to the scanner using each type of interface cables at the same time.

⁷ Excluding the ADF hopper.

⁸ PFI Limited, a Fujitsu company, has determined that this product meets RoHS requirements (2005/95/EC).

⁹ Capable of scanning documents that exceed A3 size in length. For long page scanning with standard I/F: Documents that exceed 432 mm (17in.) are limited to 400 dpi for lengths up to 863 mm (34in.). Documents between 863 mm and 3,048 mm (120in.) in length are limited to 300 dpi. Multi-image documents up 432 mm in length are limited to 400dpi. For long page scanning with VRS: Documents that exceed 432 mm (17in.) are limited to 300 dpi for lengths up to 1,778 mm (70in.). Documents between 1,778 mm and 3,048 mm (120in.) in length are limited to 200 dpi. Documents that exceed 432 mm can be scanned under any resolution for lengths up to 1,016 mm (70in.) when used with ISIS.

¹⁰ Without CGA board interface.

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