

# Revolutionise scanning performance

Raising productivity to the next level

## FUJITSU Image Scanner fi-6800

- **Efficient.** Lower costs with fast set up and push-button simplicity
- **Flexible.** Handle wide range of mixed documents
- **Reliable.** Deal with paper feed challenges before they cause issues
- **Secure.** Protect data with reliable paper flow and image enhancement
- **Convenient.** Manage scanners in wide-area networks from a single location



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**FUJITSU**



## Production level business enhancing performance

The fast and intuitive FUJITSU Image Scanner fi-6800 mid-volume scanner brings significant operating benefits to paper intensive organisations. A unique compact design provides users with a solution that is ready to improve productivity without delay. Rapid start up time, smooth paper flow and ease of use all contribute to an efficient end-to-end image capture process and powerful software ensures document preparation and post-scan procedures are minimised.

Automated routines deliver a performance bonus to document-hungry businesses when archiving records, satisfying compliance requirements and introducing ad hoc documents to workflows. The result is a robust scanner that reduces the total cost of ownership and provides a fast return on investment.

### Experience faster throughput

Convert large volumes of documents with speed and dependable throughput every day. The fi-6800 minimises operator alerts through a host of automated functionalities to provide uninterrupted performance when processing large batches of documents. Set up and refinements of the fi-6800 are so easy to manage that intentional adjustments of workflow routines can be achieved even on an ad hoc basis.

The fi-6800 can scan at speeds of 130 pages per minute (ppm) or 260 images per minute (ipm) at 300 dpi in A4 landscape mode. When higher resolutions are needed operators can select up to 600 dpi.

### Benefit from excellent paper feed performance

Operators can manage mixed document batches efficiently when the physical characteristics of documents change within the batch. The fi-6800 handles different sized sheets from A8 to A3 and differences in materials such as when paper, card and plastic vary in weight and thickness – leaving the operator free to attend to parallel tasks without being distracted by avoidable misfeed alerts.



fi-6800 side view



A4 Landscape at 300 dpi 130 ppm / 260 ipm  
A4 Portrait at 300 dpi 100 ppm / 200 ipm  
Scan mixed batches through the 500 sheet hopper



The fi-6800 incorporates a top-of-the-line paper-feed mechanism with 'Paper Protection' and 'Multifeed Protection' functions that can anticipate paper feed problems before they happen. The Intelligent Multifeed Function allows document scan parameters to be applied which enables the sensors to be set up to help identify and subsequently ignore attachments such as sticky notes or items with a photo attached that would otherwise cause disruptions to the scanning process.

### Compact design and environmentally friendly

The fi-6800 has an impressively small desk-footprint and near-silent operation, in addition a foldaway hopper means that the fi-6800 is suitable for placement in a range of office locations. The scanner helps support environmental policies such as waste management, recycling initiatives and sustainability.

### Perform more efficient post-scan tasks

Time saving, image enhancing features such as Automatic Colour Detection, Automatic Orientation, Advanced Paper Detection and Multifeed Detection contribute to more efficient document processing day after day. The 'Automatic Image Quality Checker' automatically detects post-scan image irregularities such as folds or tears while the 'Automatic Stacker' ensures the correct arrangement of scanned documents for archiving.

### Management from single location

Scanner Central Admin software enable Fujitsu scanners to be managed and maintained from a single location to minimise scanner downtime anywhere on the global system.

### Software, interfaces and compatibility

The integrated operating panel and LCD give at-a-glance settings, operating status and pre-set scan options. The fi-6800 can be operated through USB or SCSI interfaces, allowing for direct TWAIN and ISIS driver control.

#### Optional extras



#### Post Imprinter (front side) (fi-680PRF)

{Part Number – PA03575-D201}

#### Post Imprinter (reverse side) (fi-680PRB)

{Part Number – PA03575-D203}

The imprinter option enables users to print information on original documents for document management purposes. While the fi-680PRF (post imprinter) prints information on the front of documents, the fi-680PRB (post imprinter) prints information on the reverse side of documents after they have been scanned.

#### CGA board (fi-680CGA)

{Part Number – PA03575-K301}

This CGA board option with VRS Professional offers further image enhancement possibilities



## Fujitsu developed best in class scanner driver and image capturing / processing software



### PaperStream IP – high quality image enhancement

PaperStream IP is the scanner driver for the fi-6800 scanner. In addition to being fully compliant with the industry standard TWAIN and ISIS interface, PaperStream IP incorporates as standard, highly sophisticated image processing that automatically applies features such as noise removal, background pattern removal and character augmentation to produce exceptionally clear, high quality images that are suitable for direct import into the users' workflow.

PaperStream IP has an intuitive, easy to use interface that can be switched between Administrator or User mode to simplify the scanning process and reduce user error.

Additionally PaperStream IP also introduces a new Assisted Scanning mode, which allows the user to visually select the best quality image from a range of images of the page, rather than needing to manually fine tune the scanning parameters one by one.



### PaperStream Capture – enhanced capture

PaperStream Capture is an easy to use capture tool which allows users to easily create scanning routines which encapsulate all of the settings and configuration required to control the scanning process from scan to the release of the image to the users' or companies' defined workflow.

Once created, profiles can be run by a single click and the most frequently used profiles can even be linked to the fi-6800 scanner front panel scan button to streamline the whole capture process.

## Specifications

Model	fi-6800
Supported operating systems	See <a href="http://emea.fujitsu.com/fiscannerfaqs/">http://emea.fujitsu.com/fiscannerfaqs/</a> for further information
Scanner type	ADF (automatic document feeder) and manual feed
Scanning modes	Simplex / Duplex, Colour / Greyscale / Mono
Image sensor type	Colour CCD (charge coupled device) x 2
Light source	White LED array <sup>1</sup>
Document size	Minimum: A8 Portrait (52 x 74 mm) / Maximum: A3 (297 x 420 mm) Long page scanning: 3,048 mm <sup>2</sup>
Recommended paper weight	20 to 209 g/m <sup>2</sup>
Scanning speed (A4 Landscape) <sup>3</sup>	Simplex: 130 ppm (200, 300 dpi), Duplex: 260 ipm (200, 300 dpi)
Colour <sup>4</sup> / Greyscale <sup>4</sup> / Mono	
Scanning speed (A4 Portrait) <sup>3</sup>	Simplex: 100 ppm (200, 300 dpi), Duplex: 200 ipm (200, 300 dpi)
Colour <sup>4</sup> / Greyscale <sup>4</sup> / Mono	
Paper chute capacity <sup>5</sup>	500 sheets (A4: 80 g/m <sup>2</sup> )
Background colours	White / Black (Selectable)
Optical resolution	600 dpi
Output resolution <sup>6</sup>	50 to 600 dpi (adjust by 1 dpi increments), 1,200 dpi (driver) <sup>7</sup>
Output format	Colour: 24 bit / 8 bit, Greyscale: 8 bit, Mono: 1 bit
Interface <sup>8</sup> / Connector shape	Ultra Wide SCSI, USB 2.0, USB 1.1 (Selectable) / Ultra SCSI: Shield type 50 pin (pin type), USB: B type
Image processing functions	Automatic colour detection, Automatic page size detection, De-Skew, Automatic orientation, Upper lower separation, Multi-image, Blank page skip, Error diffusion, Dither, Dropout colour (R, G, B, None, White, Specified, Saturation), Image emphasis, Simplified DTC, Advanced DTC, iDTC, sRGB
Power requirements / Power consumption	AC 100 to 240V, ±10% / Operating: 200W or less (Sleep mode: 3.2W or less) Auto standby (OFF) mode: 0.5W or less
Operating environment	Temperature: 15 to 35°C, Relative humidity: 20 to 80% (Non-condensing)
Dimensions (W x D x H) <sup>9</sup> / Weight	460 x 430 x 310 mm / 32 kg
Included software / drivers	PaperStream IP Driver (TWAIN & ISIS <sup>™</sup> ), 2D Barcode for PaperStream, Software Operation Panel, Error Recovery Guide, PaperStream Capture, Scanner Central Admin tools
Environmental compliance	ENERGY STAR <sup>®</sup> / RoHS <sup>10</sup> / Ecodesign <sup>11</sup>
Others	Double-feed detection 3 ultrasonic double-feed detection sensors

- <sup>1</sup> Class 1 LED product
- <sup>2</sup> The fi-6800 is capable of scanning documents that exceed A3 in length: Documents up to 863 mm in length can be scanned at resolutions up to 400 dpi and documents between 863 mm and 3,048 mm can be scanned at resolutions between 50 dpi and 200 dpi (Long paper scanning does not support resolutions that exceed 400 dpi).
- <sup>3</sup> Actual scanning speeds are affected by data transmission and software processing times.
- <sup>4</sup> JPEG compressed figures.
- <sup>5</sup> Maximum capacity varies, depending upon paper weight.
- <sup>6</sup> Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex.
- <sup>7</sup> Scanning limitations due to scanning mode, document size and available memory may occur when scanning at high resolutions (600 dpi or higher).
- <sup>8</sup> You cannot use both SCSI and USB 2.0 interfaces at the same time.
- <sup>9</sup> Excluding the ADF hopper.
- <sup>10</sup> PFU LIMITED, a Fujitsu company, has determined that this product meets RoHS requirements (2011/65/EU)
- <sup>11</sup> PFU LIMITED, a Fujitsu company, has determined that this product meets Ecodesign Directive requirements (2009/125/EC)

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