

# Document Scanners

## fi-6140 / fi-6240

departmental



fi-6240

fi-6140

- 60 ppm / 120 ipm (duplex) at 200 dpi in monochrome and grayscale
- Paper protection and intelligent multifeed functions
- **Unique:** Embossed Card scanning (ISO 7810)
- **New:** Bundled with ScandAll Pro Ver 1.5
- Auto colour recognition, autosize recognition and auto deskew functionality
- A8 – A4 scanning (+ extra long documents)
- Dual Interface – Ultra SCSI/USB 2.0 selectable
- Best in class 600 dpi optical resolution
- Includes Kofax VRS 4.1 Professional and Adobe Acrobat 8.0 Standard





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# fi-6140 / fi-6240

<b>fi-6140</b>	50 Sheets	50 to 600 dpi	Simplex 60 ppm	Duplex 120 ipm	
					
	50 Sheets	50 to 600 dpi	Simplex 60 ppm	Duplex 120 ipm	<b>fi-6240</b>

## Revolutionising departmental scanning at the desktop, Fujitsu's high performance fi-6140 and fi-6240 scanners

Taking departmental scanning to the next level, the impressive fi-6140 and fi-6240 scanners are two of the fastest and most compact scanners in their class offering unrivalled image processing, increased capture reliability and a high daily throughput thereby improving user and business efficiencies.

### Fast and compact

The fi-6140 and fi-6240 scanners from Fujitsu are amongst the fastest and most compact scanners in their class. Not only do they have incredibly small footprints with the fi-6140 having an impressive 160 mm x 300 mm footprint and the fi-6240 coming in at 560 mm x 300 mm. But they are also exceedingly fast. Both scanners can scan at a speedy 60 pages per minute in monochrome or greyscale. When duplex mode is selected 120 images per minute are achievable (A4, 200 dpi). For colour scanning the throughput speeds are 40 pages per minute or 80 images per minute (A4, 300 dpi).

The ADF capacity is 50 sheets and the design of the paper chute enables the user to continuously feed mixed batch documents containing paper of different weight and size, effectively digitising large volumes of paper documents in minimal time.

### First scanners in their class to adopt high-end fi-series functions

Both the fi-6140 and fi-6240 scanners have inherited a host of intelligent 'fi-series' features from higher end scanners in the Fujitsu range. Such features help to facilitate worry free mixed batch scanning of documents containing paper of different weights, quality and sizes:

### Paper protection function

This function puts users at ease with its ability to protect valuable documents by immediately stopping the scanning process when it recognises that a jam is occurring or about to occur.

### Intelligent multifeed and multifeed ignore function

This simplifies pre-scanning preparation and improves efficiency by ignoring documents that tend to trigger false misfeed alerts, such as photo and sticky note attached documents.

### Auto-colour, auto-resize and auto-deskew recognition

The fi-6140C and fi-6240C are the first scanners in their class to offer such highly valued automatic functions tightly integrated for dedicated document image processing. As a result, they bring about dramatic digitising efficiencies through fast scanning and simultaneous high speed image processing. Auto colour automatically identifies the colour characteristics of the original document and stores each page accordingly, thereby increasing processing speed and minimising storage requirements. Auto resize ensures that when a mixed batch of document sizes are scanned then only the exact size of the scanned document appears on screen and automatic deskew ensures that if a document is scanned at a slight angle then its digitised image will be straightened.

The fi-6140 and fi-6240 feature active separation modules as opposed to passive separation pads that merely rely on the paper-sheets friction co-efficient relative to that of the rubber material holding back subsequent sheets of paper. These models additionally feature an active paper protection mode that reliably ensures that fragile documents (as often seen in aged archive areas or in logistics operations) are not harmed, and also that the physical stress on a single sheet of paper is kept to a minimum. This is as opposed to other departmental scanners that rely on a u-shaped paper path which places stress on documents by forcing them to bend through a full 180 degrees.



# fi-6140 / fi-6240 Specifications



fi-6140



fi-6240

Model	fi-6140	fi-6240
<b>Scanner type</b>	ADF (automatic document feeder)	ADF (automatic document feeder) + flatbed
<b>Scanning modes</b>	Simplex / Duplex, colour / grayscale / monochrome	
<b>Image sensor type</b>	Colour CCD (charge-coupled device) image sensor x 2	Colour CCD (charge-coupled device) image sensor x 3
<b>Light source</b>	White cold cathode discharge lamp	
<b>Scanning range</b>	Maximum: A4 (210 x 297 mm) Minimum (portrait): A8 (52 x 74 mm)	
<b>Paper weight (no limitation for flatbed)</b>	41 g/m <sup>2</sup> to 210 g/m <sup>2</sup>	
<b>Scanning speed (JPEG comp. values / A4 portrait) (200dpi)</b>	Colour / Grayscale / Monochrome: Simplex: 40 ppm, Duplex: 80 ipm / Simplex: 60 ppm, Duplex: 120 ipm / Simplex: 60 ppm, Duplex: 120 ipm Flatbed: Colour / Grayscale / Monochrome: - / Approximately 1.7 sec (150 dpi), 2.2 sec (200 dpi)	
<b>Paper chute capacity</b>	50 sheets (A4: 80 g/m <sup>2</sup> )	
<b>Background colours</b>	White or Black (selectable)	
<b>Optical resolution</b>	600 dpi	
<b>Output resolution</b>	50 to 600 dpi (adjust by 1 dpi increments)	
<b>Output format</b>	Colour: 24 bit / 8 bit, grayscale: 8 bit, monochrome: 1 bit	
<b>AD converter</b>	1024 levels (10 bit)	
<b>Interface</b>	Ultra SCSI or USB 2.0 / USB 1.1 (Selectable / Terminator built in)	
<b>Connector shape</b>	SCSI: Shield type 50 pin (pin type), USB: B type	
<b>Output mode (half-tone)</b>	Dither / error diffusion	
<b>Voltage range</b>	AC 100 to 240 V, ±10%	
<b>Power</b>	Operating: 42W or less (Sleep mode: 6W or less)	
<b>Operational environment</b>	Temperature: 5°C to 35°C, Relative humidity: 20 to 80% (Non-condensing)	
<b>Dimensions (W x D x H base unit)</b>	301 x 160 x 158 mm	301 x 567 x 229 mm
<b>Weight</b>	4.2 kg	8.8 kg
<b>Bundled software/drivers</b>	TWIN, ISIS™, ScandAll PRO, Adobe® Acrobat®, QuickScan™ Pro Demo (Trial), Image processing software (Trial), VRS Professional	
<b>Environmental compliance</b>	ENERGY STAR® and RoHS	
<b>Others</b>	Multi-feed detection Long paper scanning Paper counter	Ultrasonic Multi Feed Detection / Paper Length 3048 mm Yes



ENERGY STAR® compliant

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Options	Part number	fi-6140	fi-6240
<b>Imprinter option (fi-614PR)</b>	TBA	Assists document management by printing numbers, Roman characters and codes on original documents after they have been scanned (Available from May, 2008)	-
<b>Image processing software V2.5</b>	PA43402-C2290	This image processing software enables the scanner to efficiently binarize scanned data prior to transmission	
<b>Document holding pad (black) (fi-624BK)</b>	PA03540-D801	-	This is a flatbed black background attachment. Use of this option facilitates the auto-deskewing and auto-orientation of flatbed images.
<b>fi-5000N network adapter</b>	PA03368-B001	Attach fi-6140C / fi-6240C via USB port to fi-5000N to enable secure fingerprint authorised network scanning in a "push-to-network" as well as in a client PC initiated "pull-from-network" scenario.	

Consumables	Part number	fi-6140	fi-6240
<b>Print Cartridge</b>	TBA	Preliminary information: Lifetime 4,000,000 printed characters, fi-614PR print head (Available from May, 2008)	-
<b>Desktop Scanner Cleaning Kit</b>	SC-SLE-KIT1	Includes F1 pump spray cleaner fluid, cleaning sheets with adhesive surface and cleaning paper	
<b>Consumable kit</b>	CON-3540-011A	Includes 2 x pick roller and 2 x brake rollers to support scanning of up to 400,000 sheets	

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#### Fujitsu Europe Limited

Hayes Park Central  
Hayes End Road, Hayes  
Middlesex UB4 8FE  
England  
Tel: (+44-(0)20) 8573 4444  
Fax: (+44-(0)20) 8573 2643

#### Fujitsu Deutschland GmbH

Frankfurter Ring 211  
80807 Munich  
Germany  
Tel: (+49-(0)89) 32378-0  
Fax: (+49-(0)89) 32378-100

#### Fujitsu Italia S.p.A.

Via Nazario Sauro, 38  
20099 Sesto San Giovanni (MI)  
Italy  
Tel: (+39) 0226294.1  
Fax: (+39) 0226294.201

<http://emea.fujitsu.com/scanners>

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