

# *fi*-6140 *Image Scanner*

As the fastest and most compact scanner in its class\*<sup>1</sup>, the A4 color duplex ADF fi-6140 is small enough to use at your desk



- The fastest and smallest scanner of its class\*<sup>1</sup> is capable of scanning an impressive 60 A4 pages / 120 images per minute
- The first scanner in its class to adopt higher end “fi-Series” functions:
  - Paper protection function
  - Intelligent multifeed function
  - Auto color recognition function
  - Auto document size recognition function
  - Auto deskew function
- The fi-6140 comes bundled with the “automatic job separation” function armed ScandAll PRO Ver1.5 image capture software.

\*<sup>1</sup> The fi-6140 belongs to the class of A4 ADF color scanners whose scanning speeds meet or exceed 40ppm / 80ipm (monochrome, A4, 200dpi). This statement stood true as of October 2007.

Visit the fi-Series homepage for ordering and purchasing information

<http://imagescanner.fujitsu.com/>

A4

Color  
40  
A4 ppm

Mono.  
60  
A4 ppm

DUPLEX

**Features**

**The fastest and most compact scanner in its class**

In addition to being the smallest scanner in its class, the fi-6140 is able to scan an impressive 60 pages or 120 images per-minute in monochrome (A4, 200dpi) as well as 40 pages or 80 images per-minute in color (A4, 200 / 300dpi). Furthermore, its ability to continuously scan 50 page mixed batch documents containing paper of different weight, quality and sizes enables the fi-6140 efficiently digitize large volumes of paper documents.

**The first scanner in its class to adopt high end "fi-Series" functions**

The fi-6140 is the first business scanner in its class to inherit highly regarded intelligent "fi-Series" automatic features from its higher end siblings. Such features 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 recognizes that a jam is about to occur.

**Intelligent multifeed function**

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

**Speedy "auto-color recognition", "auto-size recognition" and "auto-deskew" functionality**

The fi-6140 is the first "dedicated image processing LSI" armed scanner in its class to offer such highly valued automatic functions. As a result, the fi-6140 brings about dramatic digitizing efficiencies through fast scanning and simultaneous high speed image processing.

**Excellent card feedability**

In addition to being able to scan embossed cards\*, the fi-6140 is able to scan up to 3 plastic cards at a time (up to 1.4mm thick) in order to meet a wide variety of business needs.

\* This applies to ISO 7810 cards



**Comes bundled with the "automatic job separation" function armed ScandAll PRO Ver1.5 image capture software**

The fi-6140 supports barcode and patchcode reading functionality which enables it to simultaneously scan and automatically separate different jobs with its automatic job separation function. The result is improved digitization efficiency.



As an ENERGY STAR® partner, 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.

**Technical Specifications**

<b>Product name</b>		FI-6140
<b>Supported operating systems</b>		Microsoft® Windows® 2000 Professional / Microsoft® Windows® XP (32bit/64bit) / Microsoft® Windows Server™ 2003 (32bit/64bit) / Microsoft® Windows Vista™ (32bit/64bit)
<b>Scanner type</b>		ADF (Automatic Document Feeder)
<b>Scanning modes</b>		Simplex / Duplex, Color / Grayscale / Monochrome
<b>Image sensor type</b>		Color CCD (Charge-coupled device) x 2
<b>Light source</b>		White cold cathode discharge lamp
<b>Scanning range</b>		Maximum: A4 portrait (210 x 297mm), legal (8.5 x 14in.) (long document scanning: 216 x 864mm, 210 x 3048mm) Minimum: A8 (52 x 74mm or 2 x 3in.)
<b>ADF feedable paper weight (Thickness)</b>		41 to 209g/m <sup>2</sup> (11 to 56.2lbs) and only supports 127 to 209g/m <sup>2</sup> (34 to 56.2lb) for A8 sheets. Card feedability (ADF) <sup>1</sup> supports both portrait and landscape feedability <sup>2</sup> 1.4mm thickness or less <sup>3</sup>
<b>Scanning speed (A4 portrait)<sup>4</sup></b>	<b>Color<sup>5</sup></b>	Simplex: 40ppm (200dpi), Duplex: 80ipm (200dpi) Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)
	<b>Grayscale<sup>5</sup></b>	Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi) Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)
	<b>Monochrome</b>	Simplex: 60ppm (200dpi), Duplex: 120ipm (200dpi) Simplex: 40ppm (300dpi), Duplex: 80ipm (300dpi)
<b>Paper chute capacity<sup>6</sup></b>		50 sheets (A4: 80g/m <sup>2</sup> or 20lb) (Active loadable ADF)
<b>Background colors</b>		White / Black (Selectable)
<b>Optical resolution</b>		600dpi
<b>Output resolution<sup>7</sup></b>	<b>Color (24bit)</b>	50 to 600dpi (adjustable by 1dpi increments), 1200 dpi <sup>8</sup>
	<b>Grayscale (8bit)</b>	
	<b>Monochrome (1bit)</b>	
<b>Output format</b>		Color: 24bit, 8bit/4bit Grayscale: 8bit, 4bit Monochrome: 1bit
<b>AD converter</b>		1024 levels (10bit)
<b>Interface<sup>9</sup></b>		Ultra SCSI / USB2.0 / USB1.1 (Selectable)
<b>Connector shape</b>		SCSI: Shield type 50pin (pin type), USB: B type
<b>SCSI Terminator</b>		Built-in
<b>Output mode (half-tone)</b>		Dither / Error diffusion
<b>Voltage or voltage range</b>		AC 100 to 240V ±10%
<b>Power requirement</b>		Operating: 42W or less (Sleep mode: less than 6.2W)
<b>Operating environment</b>		Temperature: 5 to 35°C (42 to 95°F) Relative humidity: 20 to 80% (Non-condensing)
<b>Dimensions: Width x Depth x Height<sup>10</sup></b>		301 x 160 x 158mm (11.8 x 6.4 x 6.2 in.) Installation space: 400 x 700 x 380mm (15.8 x 27.6 x 15.0 in.)
<b>Weight</b>		4.2 kg (9.24lb)
<b>Included software / drivers</b>		TWAIN, ISIS™, ScandAll PRO, Adobe® Acrobat®, QuickScan™ Pro. Demo (Trial), Image processing software (Trial), VRS Professional
<b>Environmental compatibility<sup>11</sup></b>		ENERGY STAR® and RoHS
<b>Others</b>	<b>Multi-feed detection</b>	Yes(Standard) ultrasonic multi-feed detection sensor
	<b>Long paper scanning<sup>12</sup></b>	3048mm (122 in.)
<b>Included items</b>		ADF paper chute, AC cable, AC adapter, USB cable, Setup CD-ROM, Adobe® Acrobat® CD-ROM, Getting Started, QuickScan™ Pro brochure, VRS CD-ROM

- \*1 Supports ISO7810 embossed cards
- \*2 Capable of scanning up to 3 cards at a time. (Note: does not support multi-embossed card feedability.)
- \*3 Able to digitize cards that are up to 1.25mm thick when scanning in monochrome at 200dpi (60ppm).
- \*4 Actual scanning speeds are affected by data transmission and software processing times.
- \*5 JPEG compressed figures
- \*6 Maximum capacity varies, depending upon paper weight.
- \*7 Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex.
- \*8 Scanning limitations brought about by scanning mode, document size and available memory may occur when scanning at high resolutions (600dpi or higher).
- \*9 Ultra SCSI interface cannot be used simultaneously with USB2.0.
- \*10 Excluding the ADF paper chute and stacker
- \*11 PFU Limited, a Fujitsu company, has determined that this product meets RoHS requirements (2005/95/EC)
- \*12 Capable of scanning documents that exceed A4 sheets in length. However, the scanning of documents that exceed 863mm (34 inches) in length will be limited to using TWAIN at 200dpi or less.

**Options**

Description	Part number	Comments
Image Processing Software Option V2.5	PA43402-C22901	This image processing software enables the scanner to efficiently binarize scanned data prior to transmission.

**Consumables**

Description	Part number	Comments
Brake roller	PA03540-0001	Lifetime: Every 200,000 sheets or one year. These rollers separate documents as they are being fed into the scanner.
Pick roller	PA03540-0002	Lifetime: Every 200,000 sheets or one year. These rollers feed documents into the scanner.

**Trademarks**

Please note that the scanning and printing of paper currency as well as stock and bond certificates is illegal.

- \* Microsoft, Windows, Windows Server and Windows Vista are registered trademarks of Microsoft Corporation in the United States and/or other countries.
- \* Adobe and Adobe Acrobat are registered trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- \* ISIS is a registered trademark of EMC Corporation of the United States.
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**⚠ 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.

**Japan contact**

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