Document Scanners
fi-6140Z / fi-6240Z

fi-6240Z

fi-6140Z

ASSURANCE PROGRAM

- **Blazing 60 ppm / 120 ipm scanning in colour, grayscale, and monochrome at 200 dpi**
- **Full colour 300 dpi scanning at 40 ppm / 80 ipm**
- **Ultrasonic driven Intelligent MultiFeed Function (iMFF)**
- **Advanced Paper Protection Technology**
- **Robust 50-page Automatic Document Feeder (ADF)**
- **Plastic and embossed card scanning**
- **Scanner Central Admin Suite**
- **Comes with Kofax® VRS® 5.0 Professional and ScandAll PRO V2 Premium**

shaping tomorrow with you

FUJITSU

fi-6140Z / fi-6240Z

fi-6140Z	50 Sheets	50 to 600 dpi	Simplex 60 ppm	Duplex 120 ipm	
	ADF				
	50 Sheets	50 to 600 dpi	Simplex 60 ppm	Duplex 120 ipm	fi-6240Z

Revolutionising scanning at the desktop

Taking scanning at the desktop and in a workgroup to the next level, the fi-6140Z and fi-6240Z scanners balance high performance with advanced paper separation technologies delivering exceptional reliability and operating productivity across a wide variety of scanning situations.

The fi-6140Z and fi-6240Z are the first in class to introduce a personal productivity mode to workgroup business scanners helping knowledge workers to streamline their processes and increase efficiencies. Innovative features offer a push mode to send documents from a scanner to a PC (personal productivity) or enter them directly into business processes (scan to process).

Fast and compact
The fi-6140Z and fi-6240Z scanners from Fujitsu are amongst the fastest and most compact scanners in their class. Not only do they have small footprints but they are also exceedingly fast. Both scanners can scan at 60 pages per minute in colour, monochrome or grayscale at 200 dpi and when duplex mode is selected 120 images per minute are achievable (A4, 200 dpi). At 300 dpi, unrivalled scanning speeds of 40 ppm or 80 ipm are achievable in all modes.

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.

Impressive feeding
The fi-6140Z and fi-6240Z employ reversing roller technology which results in exceptional feeding reliability for an even wider variety of document weights. Furthermore the ADF is capable of scanning documents at up to 3 meters long and is even robust enough to feed up to three hard cards or embossed cards which are up to 1.4 mm in thickness (both in portrait and landscape mode).

The fi-6140Z and fi-6240Z 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. This unique feeding which utilises active separation modules is achieved through a straight paper path that minimises the stress on a single sheet given the smooth picking operation rather than products that may have a U or L-shaped paper path or where sheets may be forced into a mechanical duplex mode.

Advanced efficiencies with intelligent functionalities
A paper protection 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 and an Intelligent Multi-Feed Function (iMFF) simplifies the pre scaning preparation role and improves efficiencies by ignoring documents that trigger false multi-feed alerts such as an attached receipt or sticky note.

The fi-6140Z and fi-6240Z scanners 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. The fi-6140Z and fi-6240Z can support a multitude of documents and material through the ADF from credit cards to plastic cards in both portrait and landscape mode up to very thick card board like materials (up to 209 g/m^2). The ADF chutes can accommodate any sizes from A8 to A4 and can also support extra long document scanning at up to 3048 mm length compared to an A4 sheet at 297 mm.

Software bundling:
The fi-6140Z and fi-6240Z scanners come bundled with ScandAll PRO V2 image capture software, which effectively enables the scanners to efficiently binarise scanned data prior to transmission. ScandAll PRO V2 is a unique and fully featured professional capture client that allows for the scanner to be driven through either TWAIN or ISIS or the combination of ISIS and VRS drivers. This application also supports additionally applying image enhancement functionality to the capture process by utilising the bundled version of VRS Professional 5.0. It also contains the ability to create searchable PDF files through the onboard OCR functionality. Furthermore, ScandAll PRO V2 includes patch code and bar code recognition modules for automated job separation during

Kofax
VRS
PROFESSIONAL

ScandAll PRO

batch scanning routines. A powerful function that will prove its value in daily use is the capability of ScandAll PRO V2 to simultaneously create multiple image files from a single paper document, where both image files can differ significantly in their characteristics (such as resolution, colour mode, file format, static data, storage location or the retrievable text information that is embedded).

This in turn ensures that it is possible for today's information or knowledge workers to be able to utilise either the fi-6140Z or fi-6240Z models for their own or team support next to feeding documents into the leading vertical or line of business (LoB) application.

Enhanced automatic job separation function
This intelligent function uses divider sheets with printed barcodes and patch codes to sort image data from multiple page feeds into user defined units. This enhances function allows for even faster batch scanning of mixed document loads, improving overall work efficiency. ScandAll PRO V2 Premium features job separation using 2D barcodes (matrix codes) and is bundled with both the fi-6140Z and fi-6240Z.

Both models include a full license of VRS Professional 5.0 which can be used for adding image enhancement options to the scanning process. VRS simplifies scanning and makes the process of scanning documents less costly in terms of time for preparation and of manual intervention during the scanning process.

The image enhancement options can be combined to receive digital document images that show high visual quality and require little or no additional manual interference. Some typical options include; intelligent content orientation recognition and auto rotation, automatic colour detection, blank page detection and deletion as well as background saturation capturing simplicity and streamlined business process automation. It enables information workers to focus on their productive tasks, at the same time supporting them to capture information from paper documents by virtually pressing a button. VRS will dynamically adjust scanner settings for each document, ensuring next to perfect image quality every time you scan.

New ScandAll PRO V2 features to expand your scanning possibilities

"One Push" operation with ScanSnap mode

ScanSnap series products are immensely popular among home and small office users because they offer easy "One Push" operation. ScandAll PRO V2 features a new "ScanSnap mode" function that makes the fi-6140Z and fi-6240Z perfect for office tasks that do not require specific scan settings.

Cut TCO* with the centralized administration feature
The fi-6140Z and fi-6240Z come newly armed with a centralized administration feature that system administrators can use to manage the installation and operation of multiple image scanners and network scanners from one location.**

Monitor scanner running status, update scanner drivers and software and more with this powerful feature. This dramatically reduces the cost and work that goes into setting up, operating and maintaining many scanners in an organization and in expanding the scanner network to multiple remote locations.
*TCO: Total Cost of Ownership
**This product comes bundled with necessary software for setting up the server and client machines.

Supported Operating Systems
Both the fi-6140Z and fi-6240Z will operate on Windows XP, Windows Server 2003/2008, Windows Vista and Windows 7.

Optional imprinting
The fi-6140Z can be utilised alongside an optional imprinter (fi-614PR), such a unit enables to print dates and other information on the back of the original document thus enabling the user to easily search and retrieve documents.

fi-6140Z / fi-6240Z Specifications

fi-6140Z

fi-6240Z

Model		fi-6140Z	fi-6240Z
Supported operating systems		Windows® 7(32bit / 64bit), Windows Vista®(32bit / 64bit), Windows Server® 2003/2008(32bit / 64bit), Windows® XP(32bit / 64bit)	
Scanner type		ADF (automatic document feeder)	ADF (automatic document feeder) + flatbed
Scanning modes		Simplex / Duplex, Colour / Grayscale / Monochrome	
Image sensor type		Colour CCD (charge-coupled device) image sensor x 2	Colour CCD (charge-coupled device) image sensor x 3
Light source		White cold cathode discharge lamp x 2	White cold cathode discharge lamp x 3
Document size	ADF	Maximum[1]: A4 (210 x 297 mm), Minimum (portrait): A8 (52 x 74 mm)	
	Long paper scanning[2]	210 x 863 mm or 210 x 3,048 mm	
	Flatbed	–	Maximum: 216 x 297 mm
Paper weight (no limitation for flatbed)		41 to 209 g/m² (11 to 56.2 lb) and only supports 127 to 209 g/m² (34 to 56.2 lb) for A8 size. ID card types (ADF): Portrait / Landscape, 1.4 mm thickness or less[3][4]	
Scanning speed[5] (A4 portrait) Colour[6] / Grayscale[6] / Mono:		Simplex: 60 ppm, Duplex: 120 ipm (200 dpi) / Simplex: 40 ppm, Duplex: 80 ipm (300 dpi)	
Flatbed:		1.7 seconds (200 / 300 dpi)	
Paper chute capacity[7]		50 sheets (A4: 80 g/m²)	
Expected daily volume		6,000 sheets per day	
Background colours		White or Black (switchable)	ADF: White or Black (switchable) / Flatbed: Black
Optical resolution		600 dpi	
Output resolution[8]		50 to 600 dpi (adjust by 1 dpi increments), 1200 dpi[9]	
Output format		Colour: 24 bit / 8 bit, grayscale: 8 bit, monochrome: 1 bit	
AD converter		1024 levels (10 bit)	
Interface[10]		Ultra SCSI or USB 2.0	
Connector shape		SCSI: Shield type 50 pin (pin type), USB: B type	
Output mode (half-tone)		Dither / error diffusion	
Image processing function	Hardware-based	Image emphasis, Error diffusion, Dither, Simplified DTC, Moire removal, Dropout color (R, G, B, None, Specified), Auto color detection, Automatic page size detection[11]	
	Software-based	Multi image output, Blank page skip, Advanced-DTC, sRGB, Hole punch removal, Tab cropping, Split image	
Voltage range		AC 100 to 240 V, ±10%	
Power		Operating: 42W, sleep mode <5.7W	Operating: 50W, sleep mode <5.7W
Operational environment		Temperature: 5˚C to 35˚C, Relative humidity: 20 to 80% (Non-condensing)	
Dimensions (W x D x H base unit)[12]		301 x 160 x 158 mm	301 x 567 x 229 mm
Weight		4.2 kg	8.8 kg
Bundled software / drivers		TWAIN, ISIS™, Kofax® VRS Professional, Software Operation Panel, Error Recovery Guide, Image Processing software Option(trial), ScandAll PRO V2, ScandAll PRO V2 ScanSnap mode Add-in, Scan to Microsoft SharePoint™, ABBYY Fine Reader for ScanSnap™, QuickScan™ Pro (trial), User's Guide, Scanner Central Admin, Adobe® Reader®	
Environmental compliance		ENERGY STAR® and RoHS[13]	
Others	Multi-feed detection	Ultrasonic Multi Feed Detection / Paper length	

Options	Part number	fi-6140Z	fi-6240Z
Post Imprinter	PA03540-D201	Assists document management by printing numbers, Roman characters and codes on original documents after they have been scanned	–
Black Document Pad	PA03540-D801	–	This is a flatbed black background attachment. Use of this option facilitates the auto-deskewing and auto-orientation of flatbed images.
ScanSnap Carrier Sheet	PA03360-0013	ScanSnap Carrier Sheets come in sets of five. Each carrier sheet has a lifespan of 500 scans.	
Image processing software V2.5	PA43402-C2290	This image processing software enables the scanner to efficiently binarize scanned data prior to transmission.	

Consumables	Part number	fi-6140Z	fi-6240Z
Print Cartridge	CA00050-0262	Lifetime 4,000,000 printed characters, fi-614PR print head.	–
Desktop Scanner Cleaning Kit	SC-SLE-KIT1	Includes F1 pump spray cleaner fluid, cleaning sheets with adhesive surface and cleaning paper.	
Consumable Kit	CON-3540-011A	Includes 2 x pick roller and 2 x brake rollers to support scanning of up to 400,000 sheets.	

[1] Document sizes larger than A4, but not exceeding A3, can be scanned (single-side) using a carrier sheet.

[2] Capable of scanning documents that exceed A4 size in length. However, the scanning of documents that exceed 863 mm (34 in.) in length will be limited to using TWAIN at 200 dpi or less.

[3] Supports continuous scanning of up to three cards. (Multi-embossed cards are not supported).

[4] Digitizes ID card types up to 1.25 mm thick. (200 dpi or lower in landscape)

[5] Both data transmission and software processing times affect actual scanning speeds.

[6] Indicated speeds are from using JPEG compression.

[7] Maximum capacity varies, depending upon paper weight.

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

[9] Scanning limitations brought about by scanning mode, document size and available memory may occur when scanning at high resolutions (600 dpi or higher).

[10] Ultra SCSI interface cannot be used with USB2.0 at same time.

[11] These image processing functions are both hardware and software-based (hybrid processing). When the scan resolution is higher than 300 dpi or the document length exceeds 17 inches, software-based processing is applied.

[12] Indicated dimensions exclude the ADF paper chute and stacker.

[13] PFU LIMITED, a Fujitsu company, has determined that this product meets RoHS requirements (2002/95/EC).

ENERGY STAR® compliant

"Adobe", "Acrobat" and the Adobe PDF logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

All names, manufacturer names, brand and product designations are subject to special trademark rights and are manufacturer's trademarks and/or registered brands of their respective owners.
All indications are non-binding. Technical data is subject to change without prior notification.

FUJITSU