fi-6230Z

Combo A4 flatbed / ADF scanner
Enhanced for class-best cost performance*

- ● Cost-reducing centralized administration function
  - Manage multiple scanners in a network from one location
- ● New ScandAll PRO features
  - "One Touch" operation with ScanSnap mode
  - Enhanced automatic job separation function
- ● Latest version of Kofax VRS Professional
- ● Various "Intelligent" functions
- ● Enhanced card scanning performance

* This class includes A4 ADF (Automatic document feeder) and A4 ADF with a flatbed color image scanners that are priced between US$300 and US$2,000. (This stood true as of November 2011)

■ Features

■ Best in its class in cost-performance
The fi-6230Z scans color A4 documents at a speed of 40 ppm (80 ipm), offering unmatched cost-performance.

■ Cut TCO* costs with the centralized administration function
The fi-6230Z features significant upgrades from its predecessor, including the fi Series centralized administration function (Scanner Central Admin). With this function, a user can collectively manage multiple scanners on a network from one location, making batch software installs and monitoring operation status. This significantly reduces the cost and work that goes into setting up, maintaining and expanding a network of scanners at a large scale.
*TCO: Total Cost of Ownership

■ New ScandAll PRO features to expand your scanning possibilities
● **"One Touch" operation with ScanSnap mode**
ScanSnap series products are immensely popular among home and small office users because they offer easy "One Touch" operation. With ScandAll PRO's new ScanSnap mode function, fi customers can carry out simple digitizing tasks that do not require specific scan settings.

● **Enhanced automatic job separation function**
The automatic job separation function uses divider sheets with printed barcodes and patchcodes to sort image data from multiple page feeds into user-defined units. This function has been enhanced for even faster batch scanning of mixed document loads, improving overall work efficiency. ScandAll PRO V2 Premium features job separation using 2D barcodes and is available as an option to fi-6230Z users.

■ Generate perfect images with Kofax VRS Professional
The fi-6230Z comes with the latest version of Kofax VRS. This powerful software optimizes scan settings so that documents are digitized into images that are the highest quality possible. This has the added benefit of improving the accuracy of OCR* in document data extraction.
*OCR: Optical Character Recognition

■ Various "Intelligent" functions
The high-end fi Series scanners feature "Intelligent" functions that are highly valued by customers from various industries.
The fi-6230Z is the first scanner in the fi Series workgroup range to offer these functions.

● **Intelligent Multifeed function**
A document with attached materials such as photos or memos could be falsely identified as a multifeed during scanning.
This function ensures that this does not happen so that preparing the document for scanning is easier and the scanning process more efficient.

● **Paper protection function**
Better protect your valuable documents from damage. The paper protection function automatically stops the scanning process as soon as it detects any sudden paper bending which could lead to paper jams.

● **Auto page size and color detection functions**
This functionality enables the fi-6230Z to automatically recognize the size of scanned documents and automatically differentiate color images from black and white ones.

■ Enhanced card scanning performance
The fi-6230Z scans up to three plastic cards (up to 1.4 mm thick) in succession, including embossed types.* The fi-6230Z supports various plastic cards commonly used in countries around the world, so it is sure to meet the needs of your business.
*Card types defined under the ISO 7810 standard are supported.

■ Scan brochures and other small booklets
The fi-6230Z has a built-in flatbed that is suited for scanning sources like periodicals and delicate paper types.

■ Option: Black Document Pad
Attach the Black Document Pad to the flatbed to make scans with a black background. This enables the fi-6230Z to apply image processing like size detection and skew correction to a document scanned with the flatbed so that the resulting image data is properly sized to the original.

■ Option: ScanSnap Carrier Sheet
Carrier Sheets allow you to scan documents (single-sided) larger than A4/Letter size. Simply fold the document in half, place it in a Carrier Sheet and duplex scan with the fi-6230Z. Standard document sizes up to A3 are digitized to scale into clean image data.
*This product comes with one Carrier Sheet.
*Spare Carrier Sheets are available for purchase in sets of five.
*Kofax VRS does not support Carrier Sheet scanning.

Kofax VRS Professional bundled
* VRS verification and adjustment features generate perfect images every time.
* The ability to efficiently digitize large volumes of documents dramatically improves scanning productivity.
* Easy to use. Automated functions remove the need for skilled scanner operators.

■ Technical Specifications

Product name	FI-6230Z
Supported operating systems	Windows® 7(32-bit / 64-bit), Windows Vista® (32-bit / 64-bit), Windows Server® 2003/2008(32-bit / 64-bit), Windows® XP(32-bit / 64-bit)
Scanner type	ADF (Automatic Document Feeder) + Flatbed
Scanning modes	Simplex / Duplex, Color / Grayscale / Monochrome
Image sensor type	Color CCD (Charge-coupled device) x 3 (front x 1, back x 1, Flatbed x 1)
Light source	White cold cathode discharge lamp x 3 (front x 1, back x 1, Flatbed x 1)
Multi-feed detection	Ultrasonic multi-feed detection sensor x 1

Document size	ADF	Maximum *1	A4 Portrait: 210 x 297 mm, Legal: 216 x 355.6 mm (8.5 x 14 in.)
		Minimum	A8 Portrait: 52 x 74 mm (2 x 3 in.)
	Long paper scanning *2	Maximum	210 x 863 mm (8.27 x 34 in.), or 210 x 3,048 mm (8.27 x 120 in.)
	Flatbed	Maximum	Maximum: 216 x 297 mm (8.5 x 11.69 in.)

Paper weight (Thickness)	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 Plastic card types (ADF): Portrait / Landscape, 1.4 mm thickness or less *3

Scanning speed (A4,Portrait)*4	ADF	Color *5	Simplex: 40 ppm, Duplex: 80 ipm (200 dpi)
		Grayscale *5	
		Monochrome	Simplex: 30 ppm, Duplex: 60 ipm (300 dpi)
	Flatbed	Color	1.7 seconds (200 dpi / 300 dpi)
		Grayscale	
		Monochrome	

Paper chute capacity *6	50 sheets (A4: 80 g/m² or 20 lb) (Active loadable ADF)
Expected daily volume	4,000 sheets/day
Background colors	White / Black (Selectable)
Optical resolution	600 dpi

Output resolution*7	Color (24-bit)	50 to 600 dpi (adjustable by 1 dpi increments), 1200 dpi *8
	Grayscale (8-bit)	
	Monochrome (1-bit)	

Output format	Color	24-bit, 8-bit, 4-bit (8-bit and 4-bit with driver)
	Grayscale	8-bit, 4-bit (4-bit with driver)
	Monochrome	1-bit

Internal video processing	1,024 levels (10-bit)
Interface	USB2.0
Connector shape	B type

Image processing functions	Hardware-based	Image emphasis, Error diffusion, Dither, Simplified DTC, Moire removal, Dropout color (R, G, B, None, Specified)
	Software-based	Multi image output, Blank page skip, Advanced-DTC, sRGB, Auto color detection, Automatic page size detection, Hole punch removal, Tab cropping, Split image

Power requirements	AC 100 to 240V ± 10%
Power consumption	Operating	45 W or less
	Sleep mode	5.36 W or less
Operating environment	Temperature	5 to 35℃ (42 to 95°F)
	Relative humidity	20 to 80% (Non-condensing)

Dimensions: Width x Depth x Height*9	301 x 567 x 229 mm (11.8 x 22.9 x 9.0 in.) Installation space: 400 x 800 x 450 mm (15.8 x 31.5 x 17.8 in.)
Weight	8.8 kg (19.36 lb) or less
Included software / drivers	TWAIN, ISIS™, Kofax® VRS Professional, Software Operation Panel, Error Recovery Guide, Image Processing software Option(trial), ScandAll PRO, ScandAll PRO 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 *10
Included items	ADF paper chute, AC cable, AC adapter, USB cable, Carrier Sheet (x1), Setup DVD-ROM, Getting Started, QuickScan™ Pro brochure

*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 Both data transmission and software processing times affect actual scanning speeds.
*5 Indicated speeds are from using JPEG compression.
*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 (600 dpi or higher).
*9 Indicated dimensions exclude the ADF paper chute and stacker.
*10 PFU LIMITED, a Fujitsu company, has determined that this product meets RoHS requirements (2002/95/EC).

■ Options

Description	Parts number	Comments
Black Document Pad (FI-624BK)	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 (FI-511ES-WW)	PA03360-0013	ScanSnap Carrier Sheets come in sets of five. Each Carrier Sheet has a lifespan of 500 scans.
Image Processing Software Option V2.5	PA43402-C22901	This Image Processing Software enables the scanner to efficiently binarize scanned data prior to transmission.
ScandAll PRO V2 Premium Upgrade option	PA43404-A283	Choose this option if you want to upgrade ScandAll PRO V2 to ScandAll PRO V2 Premium.

■ Consumables

Description	Parts number	Comments
BRAKE ROLLER (FI-C624BR)	PA03540-0001	Lifetime: Every 200,000 sheets or one year. These rollers separate documents as they are being fed into the scanner.
PICK ROLLER (FI-C624PR)	PA03540-0002	Lifetime: Every 200,000 sheets or one year. These rollers feed documents into the scanner.

■ Trademarks

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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.

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.

Please note that the scanning and printing of paper currency as well as stock and bond certificates is illegal. Specifications are subject to change without notice.