Document Scanners
fi-4860C2

fi-4860C2

EUROPEAN ISV PARTNER

AP ASSURANCE PROGRAMME

- 74 ppm / 148 ipm at 200 dpi in all colour modes (A4 landscape)
- Ultrasonic Double-feed Detection
- New – Bundled with Kofax VRS 4.1 Professional Hardware
- 500 page ADF
- A7 – A3 scanning
- Ultra Wide SCSI interface

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THE POSSIBILITIES ARE INFINITE

fi-4860C2

fi-4860C2	500 Sheets	400 dpi	Simplex 74 ppm	Duplex 148 ipm	

Diversity and ease of use, the fi-4860C2 is a superior scanner even within the most demanding production enviroments.

The fi-4860C2 scanner from Fujitsu is a fast, quiet and extremely versatile A3 colour production scanner. Targetted at the mid to high volume markets, the fi-4860C2 offers high quality scanning performance and convenient ergonomics.

Featuring low noise levels, high quality CCD technology, a small footprint and a host of functionalities the fi-4860C2 is ideal for OCR applications that require high quality images for optimum recognition rates.

Scanning convenience

The fi-4860C2 scanner can process documents at an impressive 74 pages per minute in both mono and colour and 148 images per minute in duplex (at a resolution of 200 dpi in A4 landscape mode), resolutions of up to 400dpi are achievable. Capable of easily scanning up to 20,000 documents a day, this duty cycle more than satisfies production level scanning requirements and a 500 sheet hopper allows for minimal user operation.

The hopper can handle mixed documents from as small as A7 up to A3 in size and in thickness varying between 52 and 127 g/m^2. The hopper and output tray are both foldable which helps to minimise the space taken up when the scanner is not in use but also minimises the cleaning requirements of the scanner when compared with open devices. The fi-4860C2 has an incredibly small footprint for a production level ADF scanner measuring just 52 cm by 43 cm (width x depth) and will comfortably sit in the tightest of environments.

Superior feeding

The fi-4860C2 offers exceptional feeding capabilities for a wide range of paper document specifications. This scanner's enhanced dynamic paper feeding also enables the scanning of very thin paper. The fi-4860C2 is equally suited to scan batches of homogenuous and heterogenuous document types.

Ultrasonic double feed detection comes as standard with the fi-4860C2 scanner allowing for large batches of mixed documents to be scanned quickly, reliably and automatically. Abnormal feeding incidents would be identified and the scanning process would be interrupted to alert the operator of a misfeed. This impressive functionality ensures that should double feeds occur due to sticky or stapled paper in the batch the sensors identify this, stop the scan process and alert the operator. Not only does this help prevent possible damage to the documents but just as important it ensures that all documents in the batch are scanned. The fi-4860C2 is additionally equipped with length sensors to further enhance the smoothness and efficiency of the scanning process.

With this exceptional feeding mechanism that allows for mixed batch processing the need for timely uniform batch processing is eliminated as well as scanning delays and re-scanning repercussions that come about as a result of paper jams and unalerted and thus unrecognised double feeds.

Image enhancement

The fi-4860C2 offers the user hardware based deskew and auto cropping functionality. Deskew ensures that if documents are not placed in a straight edge format, they are straightened up as they are scanned. Auto cropping means that if mixed size documents are scanned, only the exact document area will appear on screen.

VRS 4.1 Professional included

The fi-4860C2 is fully equipped with Kofax VRS 4.1 Professional hardware that can be used for adding advanced image enhancement operations to the scanning process. These can be combined to receive digital document images that show high visual quality and require little or no additional manual interference. Some other features include intelligent content orientation recognition and auto-rotation as well as:

• Automatic colour detection; Without the need for separation sheets or patch codes VRS 4.1 Professional will automatically identify the colour characteristics of the original document and store each individual page accordingly. This increases processing speed and minimizes storage requirements.

• Blank page detection; VRS 4.1 Professional will reliably detect blank pages and delete them, whilst ensuring that pages containing even minimum content are captured and stored.

• Background saturation; Makes the scanned image appear smoother and helps save storage space requirements.

• Advanced clarity; For automatic removal of any patterned background.

Applying VRS 4.1 Professional advanced image enhancement functions to the scanning process might impact the actual scanning speed compared to the rated speed. This is due to processing time needed and does not indicate abnormal product behaviour.

Options

Pre and post imprinters are both available for the fi-4860C2 which enable the printing of up to 40 characters as an index on the front or back of every scanned documents. This additional security method can become of paramount importance in areas such as banking, medical, government and insurance acting as a guarantee that a document has been scanned and this option can be combined with the driver controlled virtual imprinting function.
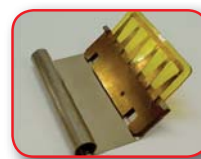

Post Imprinter

Pre Imprinter

Consumables

There are a number of user replaceable parts available for the fi-4860C2, the replacement cycle of these parts are based on a set number of scans or specified time period. Consumables are available through Fujitsu's standard channel.

Brake Roller

Pad Assembly

Pick Roller

Software bundling and configuration

Combined with a SCSI-3 CGA board, the fi-4860C2 also includes a host of software packages including Adobe Acrobat 7.0 Standard and VRS 4.1 Professional.

The fi-4860C2 will operate via a TWAIN or ISIS driver, both of which are provided with the package.

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fi-4860C2 Specifications

Product name		fi-4860C2
Operating method		ADF (automatic document feeder) and MF (manual feed)
Image sensor		CCD (charge-coupled device) image sensor
Light source		White fluorescent lamp
Output format		Bitonal, 8 bit grayscale (256 levels), 24 bit colour
Document size	Minimum	A7 (74 x 105 mm)
	Maximum	A3 (297 x 420 mm)
Output resolution		400/300/240/200/150/100 dpi
Scanning speed	Colour simplex	60 ppm for A4 portrait format at 200 dpi
	Colour duplex	120 ipm for A4 portrait format at 200 dpi
	Mono simplex	60 ppm for A4 portrait format at 200 dpi
	Mono duplex	120 ipm for A4 portrait format at 200 dpi
Halftone patterns		Dither; Error diffusion
Capacity of ADF		Maximum 500 sheets, paper weight: 64 g/m^2, A4
Interface		Ultra-wide SCSI/Third party interface slot
Memory		256 MB
Power requirements		220-240 V AC ±10%, 50/60 Hz
Power consumption		200 W or less
Operating environment	Temperature	15℃ - 35℃
Relative humidity		20% - 80% (non-condensing)
Dimensions (H x W x D)		523 x 520 x 431 mm
Weight		45 kg
Options Imprinter		Pre and Post
Bundled with		Adobe® Acrobat® 7.0 Standard (requires Windows 2000 SP2 / XP, or Mac OS X 10.2.8 and above)
Recommended daily throughput		10,000 sheets (8,500 hours MTBF)

Consumables	Part number	Remarks
Consumable kit	CON-4315-007A	Includes 2 x Pick roller, 2 x Brake roller, 2 x Seperation pad (max lifetime 600,000 documents)
Imprinter ink cartridge	CA00050-0262	4,000,000 characters or 6 months
Cleaning kit	SC-CLE-KIT2	Includes F1 and F2 pump spray cleaner fluids, cleaning sheets and cleaning paper

Options	Part number	Remarks
Pre-Imprinter	PA03296-D207	Pre Scan Endorser
Post-Imprinter	PA03296-D201	Post Scan Endorser

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