

A4/A3 Document Scanner



# M4097D

50 ppm, Duplex Scanner with ADF and Flatbed

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- Options:**  
IPC - 4D Board

**Fujitsu's M4097D Scanner provides unsurpassed functionality and superior performance for the mid volume scanning environment.**

The M4097D is probably the most versatile Scanner Fujitsu have produced, being perfectly suited to a wide variety of applications. Aimed at volumes of up to 7,500 documents a day the M4097D scans at an impressive 50 pages a minute, and 90 images per minute in duplex. It also has a flatbed for scanning bound or delicate documents. Offering probably the best "mixed document" feeding in its class the M4097D is

ideally suited for general purpose document management/archival applications where different types of documents up to A3 size need to be captured.

The M4097D also offers great price/performance ratios for "data capture" applications where the need to capture for example tick box information from pre-designed forms is paramount.

The M4097D is available with an optional IPC4D board, developed for the scanning of particularly poor quality documents. IPC-4 enhances the image quality obtained from all types of documents, and can reduce markedly overheads in the presorting of documents for scanning. Custom IPC-4 settings can also assist in obtaining the highest possible recognition rates in OCR applications.

**M4097D Specifications**

<b>Operating method</b>		Flatbed and ADF (automatic document feeder) (duplex)
<b>Image sensor</b>		CDD (charge-coupled device) image sensor x 2
<b>Light source</b>		xenon discharge tube (green)
<b>Document size</b>	Minimum	A8 (portrait, 127g/m <sup>2</sup> (34 lbs))
	Maximum	A3 or double letter (11 in. x 17 in.)
<b>Output resolution</b>		600/400/300/240/150/100 dpi (selectable)
<b>Optical resolution</b>		400 dpi
<b>Scanning speed</b>	Simplex scanning	50 ppm for A4 portrait format at 200 dpi
		67 ppm for A4 landscape format at 200 dpi
	Duplex scanning	90 ipm for A4 portrait format at 200 dpi
<b>Flatbed scanning</b>		0.9 sec for A4 portrait format at 200 dpi
<b>Grayscale level</b>	(internal)	10 bits
<b>Halftone patterns</b>		Dither; Error diffusion
<b>Capacity of ADF</b>		Maximum 100 sheets, paper weight: 64 g/m <sup>2</sup> , (17 lbs), A4
<b>Interface</b>		SCSI-2 (half-pitch 50 pin)/Third party slot (RS232C+Video I/F Option)
<b>Video output format</b>		Binary, 8-bit grayscale
<b>Power requirements</b>		100-120 VAC, 50/60 Hz; 220-240 VAC, 50/60 Hz
<b>Power consumption</b>		160 VA or less
<b>Operating environment</b>		Temperature: 5°C - 35°C (50°F-113°F)
<b>Relative humidity</b>		20% - 80% (noncondensing)
<b>Dimensions (WxDxH)</b>		696 x 521 x 234 mm (27.4 x 20.5 x 9.2 in.)
<b>Weight</b>		22 kg (48.4 lbs.)
<b>Options</b>	1. IPC 4D board	(1) IPC Functions: Dither pattern download, Automatic binarization, Automatic separation between photographs and text, Zooming: 25% to 200% by 1% steps, Outline extraction, Image emphasis, Mirror image, Reverse image
		(2) DTC functions: Spot noise removing, Dynamic threshold, Gamma curve correction, Filtering, Threshold curve selection, Smoothing
	2. Video Interface Board	

Specifications are subject to change without notice. For the latest information, contact your local Fujitsu representative.

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