DCS & Labelling Worldwide

M84Pro

Heavy-Duty Industrial Barcocde Printer For the Most Demanding of Applications

Powerful Memory

Windows™ compatible

Heavy-duty industrial construction

Designed for heavy industrial use

Easy connectivity

Maximum print resolution can be increased using optional swap-in print heads

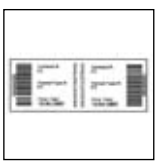
M84Pro

General Specifications

PRINTING SPECIFICATION				
Printing Method		Direct Thermal, Thermal Transfer		
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)	12 dots/mm (305dpi)	24 dots/mm (609dpi)
Max. Print Area	Width, mm (inch)	104 mm (4.1")		
	Length, mm (inch)	1249 mm (49.2")	833 mm (32.8")	356 mm (14")
Print Speed, mm/sec		Up to 254 mm/sec (10 ips)	Up to 203 mm/sec (8 ips)	Up to 152 mm/sec (6 ips)
CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)				
Sensor Type		Reflective sensor for media with I-mark Adjustable see-through sensor for die-cut media		
Media Type		Die-cut labels; Fanfold; Tag Stock or Continuous		
Media Size	Width, mm	22 ~ 125 mm		
	Length, mm	6 ~ 397 mm (9 ~ 400 mm with backing paper)		
	Thickness, mm	0.08 ~ 0.21 mm		
	Core Diameter, mm	76.2 mm		
	Outer Diameter, mm	218.4 mm		
Ribbon	Width, mm	111 mm		
	Length, m	450 m		
FONT / SYMBOLOGIES				
Font	Internal	XU, XS, XM, XB, XL, OCR-A, OCR-B; Outline Font; CG Font: CGTimes, CGTriumvirate		
	Downloadable	TrueType Font		
Barcode symbologies	1-Dimension	UPC-A/E, JAN8/13, EAN8/13, CODE39, CODE93, CODE128, UCC/EAN128, NW-7, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, BookLand, POSTNET, RSS-14		
	2-Dimension	QR Code (Ver. 8.1); PDF417 (Ver. 2.4: Including Micro PDF417); MAXI Code (Ver. 3.0); Data Matrix ECC 200 (Ver. 2.0)		
INTERFACE CHARACTERISTICS				
Processor		32-bit RISC		
Optional interface		Serial: RS-232C ; Parallel: IEEE 1284, Centronics; LAN: 10/100BaseT, IEEE 802.11b; USB		
OPERATING CHARACTERISTICS				
Power Requirements		AC110 / 220V (+/- 10%), 50/60 Hz (+/- 1%)		
Environment	Operating	5 ~ 40ºC / 15 ~ 85% RH (w/out condensation)		
	Storage	-5 ~ 60ºC / 15 ~ 90% RH (w/out condensation)		
	ESD Immunity	8kV		
Regulatory Approvals		FCC (Class B), CE, TÜV, UL, CSA, CCC		
Dimension (W x D x H), weight		W265 x D435 x H341 mm / Approx. 18kg		
ACCESSORIES				
Cutter, Dispenser, Rewinder, Memory Expansion, PCMDCIA Add-on Memory, Real-Time Clock				
OTHERS				
Function	Useful Features	Hex dump, custom character design, sequential numbering, form storage & recall for faster data retrieving of complex format, applicator interface		
	Self Diagnosis Checking	Head Check, Paper End Detection, Ribbon End / Near-End Detection (remaining 15~30m), Auto Sensing for Continuous Forms, Memory Card Error Detection, Auto Print Head Detection, Test Print		

* Measurements are approximate values

Recommended applications



Construction / Industrial
The 203 dpi solution is suitable for printing simple labels with human-readable characters, without the need to print either 2D-code or graphics.

Semiconductor / Electronics
This high resolution 609 dpi solution is ideal for printing tiny label stickers for electronic peripherals such as PCBs, hard disk drives, and other small electronic components in both linear and 2D-code.

Warehousing / Logistics
305 dpi is the standard resolution used for logistics (such as printing shipping labels)
Capable of supporting small barcodes, 2D-code, as well as simple graphics

Manufacturing
Where small & precise printouts, heat tolerance, speed & bulk printing is required, SATO is able to adhere to the most stringent standards.

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