SATO
DCS & Labelling Worldwide

M5900RVe

High Speed Industrial Barcode Printer

Multilingual display

Powerful memory

Low running costs

Robust design, reliable print mechanism and easy maintenance

Easy connectivity

Direct Thermal printing; no ribbon required

M5900RVe

General Specifications

PRINTING SPECIFICATION		
Printing Method		Direct Thermal
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)
Max. Print Area	Width, mm (inch)	112 mm (4.4")
	Pitch, mm (inch)	1249 mm (49.2")
Print Speed, mm/sec (ips)*		Up to 150 mm/sec (6ips)
CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)		
Sensor Type		Reflective sensor for use with pre-printed marks Adjustable see through sensor for die-cut label with gap
Media Type		Roll die-cut label with gap or pre-printed label, plain paper stock, tag stock continue stock
Media Size (with backing paper size)	Width, mm	Label: 37 ~ 128 mm (Label with backing paper: 40 ~ 131 mm)
	Length, mm	Label: 25 ~ 356 mm (Label with backing paper: 28 ~ 359 mm)
	Thickness, mm	0.08 ~ 0.21 mm
Media Roll Size	Max. External Diameter, mm*	Ø 152 mm
	Inner Diameter, mm*	40 mm / 76.2 mm (core)
FONT / SYMBOLOGIES		
Font	Internal	XU, XS, XM, XB, XL, OCR-A/B / Outline fonts / CGTimes, CGTriumvirate
	Downloadable	TrueType Font
Barcode symbologies	1-Dimension	EAN 8/13, UPC - A/E. NW -7, POSTNET, Inter-leaved 2 of 5 (ITF), CODE 39, CODE 93, CODE 128, Bookland
	2-Dimension	PDF417 (ver 2.4), QR Code (ver 8.1), Maxi Code (ver 3.0) and Data Matrix code (ECC 200) ver 2.0, Veri Code
INTERFACE CHARACTERISTICS		
Processor		32-bit RISC
Optional interface		Serial: RS-232C; Parallel: IEEE 1284, Centronics; LAN: 10/100BaseT, WLAN: IEEE 802.11b; USB; RS-422/485
OPERATING CHARACTERISTICS		
Power Requirements		AC Voltage: 115/230 ±10%, Power consumption: peak 150W (Standby 20W)
Environment	Operating	-5 ~ 40ºC / 30 ~ 80% RH (w/out condensation)
	Storage	-5 ~ 60ºC / 30 ~ 90% RH (w/out condensation)
Dimension (W x D x H), weight		W261 x D322 x H285 mm / 10.3kg
OPTIONAL ACCESSORIES		
Cutter, dispenser, expansion memory, PCMCIA add-on memory		
OTHERS		
Function	Useful Features	Hex Dump, Print Custom Character Design, Graphic, Sequential Numbering for Number and Barcode, Form Storage and Recall for Faster Data Retrieving of Complex Formats.
	Self Diagnosis Checking	Head Check, Paper End Detection, Ribbon Near-End/End Detection (remaining 15m-30m detection), Open Cutter-Cover Detention, Auto Sensing for Continuous Forms, Memory Card Error Detection, Test Print.
	Operational Panel	16 x 2 line Alphanumeric. Two buttons: LINE, FEED.
	DIP Adjustment	Print Position Adjustment, Cutting/Tear-off Position Adjustment, Print Darkness Adjustment, LCD Contrast Adjustment.

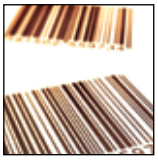
* Measurements are approximate values

Recommended applications

Postal
For speed and reliability efficiency increase. Faster label printing and read rates of 99.9% accuracy means packages are handled promptly and correctly. Overheads are also reduced. Not only is the M5900RVe very economical in its use of materials, but after its installation, costly incorrect deliveries and the need to re-route parcels are significantly reduced.

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

Transportation / Logistics
Where large numbers of cartons and items are concerned, some kind of tracking & tracing system needs to be in place. The SATO system takes charge from goods arrival to storage, picking/packing and to delivery without missing a beat.



Work-In-Process and Materials Tracking
Picking labels, work-in-process labels, inventory control labels, ad-hoc production order labels

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