



MB2i

ULTIMATE PERFORMANCE
AND MOBILITY

FEATURES

- // Fast Speed Printing
- // Durability
- // Enduring
- // Anti-microbial Casing
- // 2-Colour Printing

APPLICATIONS

- // Logistics
- // Warehouse
- // Retail
- // Mobile Printing
- // Field Service

TECHNICAL INFORMATION

MB200i / MB201i

PRINTING SPECIFICATION		MB200i	MB201i
Printing Method		Direct Thermal	
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)	
Max. Print Area	Width, mm (inch)	48mm (1.89")	
	Length, mm (inch)	160mm (6.3")	
Print Speed, mm/sec (ips)		Up to 103mm/sec (4ips)	
CPU		32 bit RISC	
CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)			
Sensor Type		I-Mark Sensor (Reflective), Label Gap Sensor (Transmissive)	
Media Type		Roll die cut labels, Plain paper face stock, Linerless labels, Synthetics and Continuous stock	
Media Thickness		0.08 – 0.18mm (0.003" – 0.007")	
Label Shape	Diameter	Max. outside diameter: Ø 67mm (2.64"), Core diameter: Ø 19mm (0.75") or Ø 25.4mm (1")	Max. external diameter: Ø 58mm (2.28"), Core diameter: Ø 19mm (0.75") or Ø 25.4mm (1")
	Wind Direction	Face-out	
Label Size	Continuous	Width	25.4 – 55mm (1" – 2.17")
		Length	13 – 160mm (0.51" – 6.30")
	Tear-Off	Width	25.4 – 55mm (1" – 2.17")
		Length	13 – 160mm (0.51" – 6.30")
	Dispenser	Width	25.4 – 55mm (1" – 2.17")
		Length	13 – 160mm (0.51" – 6.30")
FONTS / SYMBOLOGIES			
Fonts	Standard Fonts	Bitmap Fonts Alphanumeric and Symbol: XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (15x22 dot), OCR-A (22x23 dot), OCR-B (20x24 dot), OCR-B (30x36 dot)	
Barcode	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128, GS1-128 (UCC /EAN128), Codabar (NW-7), Interleaved 2 of 5, Bookland (2/5 char add-on code), GS1 Databar (RSS14), Composite JAN/EAN-8/13; Composite UPC A/E; Composite GS1 128/CC	
	2D Barcode	PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)	
Print Rotation	Character Data / Barcode	0°, 90°, 180°, 270°	
INTERFACE CHARACTERISTICS			
Interface	Standard Model	RS-232C, Infrared (IrDA Ver.1.2, BHT protocol, IrCOMM, IrOBEX)	
	Bluetooth Model	Bluetooth, RS-232C, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOBEX)	
	Wireless LAN Model	Wireless LAN 802.11b/g, RS-232C, Infrared (IrDA Ver.1.2, Standard Protocol, BHT Protocol, IrCOMM, IrOBEX)	
OPERATING CHARACTERISTICS			
Power Requirements		Input voltage AC100-240V (auto switching)/40W Input voltage printer: 9V/4,4A	
Dimensions w/rubber boot		(W x D x H): 88 x 128 x 73mm (3.46" x 5.04" x 2.87") Industrial version: 158 x 116 x 94mm (6.22" x 4.57" x 3.70")	(W x D x H): 88 x 119 x 64mm (3.46" x 4.69" x 2.52")
Weight		Approx. 405g (0.89 lbs) with battery installed Industrial version: 515g (1.14 lbs)	Approx. 390g (0.86 lbs) with battery installed
Environment	Operating	-15 – 50°C / 20 – 80% RH (without condensation)	
	Storage	-25 – 60°C / 20 – 80% RH (without condensation)	
MISCELLANEOUS			
Certifications		FCC, UL, CSA, CCC, CE, ROHS compliant, Bluetooth® certified	
Function	Useful Features	Auto Power Save. Printer goes to sleep mode when idle for 5 seconds. Printer will power off automatically when idle for another 5 minutes. (Programmable auto power off interval)	
	Self Diagnosis Checking	Head check, Battery check, Paper end detection, Head open, Test print. MB200i has additional overcharge / over discharge protection.	
OPTIONS			
Accessories		AC Adaptor, RS232 Cable, Battery Charger (single or up to 5 batteries), Battery Pack, Water Protective Case, Shoulder Strap, Belt Bag, Belt Clip (Standard), Linerless (Standard) DC/DC Converter, NiceLabel	

SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice. Version 09/10. * Measurements are approximate values.