

Mobility and Performance



High-Resolution 305dpi ◀

Large Media Capacity ◀

Large LCD ◀

High Speed & Throughput ◀

Power Management ◀

MB4i Series

UNIQUE FEATURES

- Anti-Bacterial Casing
- Easy Media Loading
- High print speed & throughput
- Flexible Interfaces
- Power Saving
- Large Media Roll Capacity
- Integrated Dispenser

INDUSTRY VERTICALS

- Retail
- Logistics & Distribution
- Healthcare

APPLICATIONS

- Incoming Goods Labelling
- Picking & Packing
- Inventory Management
- Process Control & Traceability
- Patient Identification
- Mobile Queue Busting
- Goods Return / Transfer
- Field Service

Industrial Version Mobile Printers



MB4i series are equipped with factory-installable sturdy rubber housing. The ruggedized design makes these printers ideal for high-usage, high-impact applications.

- Impact-resistant
Extra protection against shock, drops and mishandling
- Durable
Withstands even harshest conditions of outdoor labelling environment

* Available as factory-installable option

General Specifications

MB400i, MB410i



PRINTER MODEL		MB400i	MB410i
PRINTING SPECIFICATIONS			
Printing Method		Direct Thermal	
Print Resolution		8 dots/mm (203dpi)	12 dots/mm (305dpi)
Max. Print Area	Width	104mm (4.1")	
	Length	297mm (11.7")	
Max. Print Speed		Up to 103mm/sec (4ips)	
CONSUMABLES SPECIFICATIONS (Recommended to use printer supplies manufactured or certified by SATO)			
Sensor Type		Reflective I-mark, Transmissive gap, Dispenser sensor	
Media Type		Roll (face-out wound), Coreless Linerless media, Coreless label	
Media Size	Width	50 ~ 111mm (1.97" ~ 4.37") With backing paper: 53 ~ 114mm (2.09" ~ 4.50")	
	Length	25 ~ 297mm (0.98" ~ 11.69") With backing paper: 28 ~ 300mm (1.1" ~ 11.8")	
	Thickness	0.064 ~ 0.19mm (0.003" ~ 0.007")	
	Max. external diameter	67mm (2.63")	
FONT/BARCODE SYMBOLOGIES			
Font		XU, XS, XM, XB, XL, POP, OCR-A/B, CG font, XS, XM, XB, PO, Kanji: 16x16, 22x22, 24x24, Gothic (JIS-1, JIS-20)	
1D Barcode		JAN8/13, UPC-E/UPC-A, NW-7, CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-14	
2D Barcode		QR Ver.8.1 (incl. Micro-QR), PDF417 Ver.2.4 (Micro PDF is supported only by SBPL ver.4.0) Datamatrix code (ECC200) Ver.2.0, MAXI Code Ver.3.0, Multi-row symbol (UPC-A/E, JAN/EAN, UCC/EAN-128. RSS-14 is compatible with CC-A/B/C)	
COMMUNICATION INTERFACE			
Interface	Standard	RS-232C, USB, Infrared (IrDA Ver.1.2, BHT protocol, IrCOMM, IrOBEX)	
	Option (Bluetooth)	Bluetooth, RS-232C, USB, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOBEX)	
	Option (Wireless LAN)	Wireless LAN(802.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, Standard Protocol, BHT Protocol, IrCOMM, IrOBEX)	
OPERATING CHARACTERISTICS			
Processor		32-bit RISC	
Command set		Either SBPL 4.0 or MB400 compatible command set	
Power Requirements		14.8 V (Lithium ion) , 1700mAh	
Operating Environment	Usage	-15 to 50°C (Only the Wireless LAN Model : 0 to 50°C)	
	Storage	-25 to 60°C (Non-condensing)	
Physical Dimension, Weight		Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed) Industrial Version: (WxDxH) 202 x 99 x 165mm, 8.0" x 3.9" x 6.5", 910g (with battery installed)	
ACCESSORIES & OPTIONS			
Standard : Battery, Quick guide, Shoulder strap compatible with MB20Xi			
Option : Spare battery, AD adaptor, 1ch battery charger (single slot battery charger), Shoulder bag with raintight cover, Belt bag			
MISCELLANEOUS			
Power Management		Auto power saving, power is automatically off with operation interval longer than 5 minutes (default) which may be set by command to other length of time. Auto power-off is disabled by default for Wireless LAN, Bluetooth configuration.	
Self Diagnostics		Print head check/ Battery check/Paper End detection/Cover Open detection, Test Print : status identified with different color signals	
Regulatory Approvals		CSA (CSA22.2 NO.60950-1-03), CCC (GB4943-(2001)), SS337:2001, MIC, EK(AC adapter only), FCC15B Class B, GB9254-1998, GB17625.1 (2003), EN55022, EN55024, FCC15C, GB4943, GB9254, GB17625.1, R&TTE (EN300 328 V1.4:2003-04), (EN301 489 V1.4.1:2002-08), IDATSSSS, FCC47 CFR2.1093, Bluetooth logo certified	



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