



# 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
<b>PRINTING SPECIFICATIONS</b>			
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")	
<b>FONT/BARCODE SYBLOGIES</b>			
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)	
<b>COMMUNICATION INTERFACE</b>			
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)	
<b>OPERATING CHARACTERISTICS</b>			
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)	
<b>ACCESSORIES &amp; OPTIONS</b>			
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			
<b>MISCELLANEOUS</b>			
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	

**Contact Us:** If you have further enquiries, please contact us for more information & discussion.

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