

HealthRFID Mobile Label Printer

**Ultimate Performance and Mobility.
Quick. Durable. Portable.**

HealthRFID mobile label printer is your choice if you need a flexible label printer which can be used stationary on IV trolleys but which is also lightweight and battery powered and with its slim design and belt clip the perfect printer to provide workforce mobility and mobile blood sample collections.

The printer connects wirelessly to our HealthRFID LabelControl mobile application via Bluetooth and comes with an anti-bacterial casing to be the perfect companion for the healthcare environment.

Key features:

- Rugged, Compact & Ergonomical Design
- Industry's Fastest Mobile Printer with Printing Speed up to 4 inch/sec
- LCD Display (with Wireless Connectivity Model)
- Long Lasting Battery Operation Based on Latest Battery Cell Technology
- Environmentally Friendly Linerless Label – No paper wastage
- Durable – Outer Construction of Polycarbonate and Shock-absorbing Mechanism



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Unique Features

- Anti-Bacterial Casing
- Integrated Dispenser
- Easy Media Loading
- Flexible Interfaces
- Large Media Roll Capacity

Industry Verticals

- Food & Beverages
- Manufacturing
- Retail
- Healthcare
- Logistics & Distribution

Applications

- Compliance Labelling
- Retail Labelling
- Product Authentication
- Field Service

Industrial Version Mobile Printers



MB2i and 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		MB200i/201i/400i/MB410i			
PRINTER MODEL		MB200i	MB201i	MB400i	MB410i
PRINTING SPECIFICATIONS					
Print Method		Direct Thermal			
Print Resolution		8dots/mm (203dpi)		8dots/mm (203dpi)	12dots/mm (305dpi)
Max. Print Area	Width	48mm (1.9")		104mm (4.1")	
	Length	160mm (6.3")		297mm (11.7")	
Print Speed		Up to 103mm/sec (4ips)			
CONSUMABLES SPECIFICATIONS (Recommended to use printer supplies manufactured or certified by SATO)					
Sensor Type		I-mark sensor for use with pre-printed marks. See through sensor for die-cut label with gap. Dispenser sensor.			
Media Type		Roll die-cut label with gap or pre-printed label, 2 colour direct thermal. Linerless media, Coreless media			
Media Size	Width	25.4 ~ 55mm (1" ~ 2.17") With backing paper: 28.4 ~ 57.5mm (1.12" ~ 2.26")		50 ~ 111mm (1.97" ~ 4.37") With backing paper: 53 ~ 114mm (2.09" ~ 4.50")	
	Length	13 ~ 160mm (0.51" ~ 6.30") With backing paper: 16 ~ 163mm (0.63" ~ 6.42")		25 ~ 297mm (0.98" ~ 11.69") With backing paper: 28 ~ 300mm (1.1" ~ 11.8")	
	Thickness	0.064 ~ 0.19mm (0.003" ~ 0.007")			
Media Roll Size	Max. External Diameter	67mm (2.63")	58mm (2.28")	67mm (2.63")	
	Inner Diameter	19.05mm (0.75") Core / 25.4mm (1") Core		19.05mm (0.75") Core / 25.4mm (1") Core	
	Winding Direction	8mm (0.32") Coreless Face out			
FONT/BARCODE SYMBOLOGIES					
Font		XU, XS, XM, XB, XL, POP, OCR-A/B		XU, XS, XM, XB, XL, POP, OCR-A/B, CG font	
1D Barcode		EAN 8/13, UPC-A/E, NW-7, RSS-14, Postnet, Inter-leaved 2/5 (ITF), CODE 39, CODE 93, CODE 128			
2D Barcode		PDF417, QR Code, Maxi Code and Data Matrix Code, Composite Symbology			
INTERFACE CHARACTERISTICS					
Interface		Standard: IrDA, RS232C Optional: Bluetooth, Wireless LAN		Standard: IrDA, RS232C, USB Optional: Bluetooth, Wireless LAN	
OPERATING CHARACTERISTICS					
Power Requirements		7.4V (2400mAh) Lithium ion		14.8V (1700mAh) Lithium ion	
Environment	Operating	-15 ~ 50°C, 20 ~ 80% RH, non condensing (Wireless LAN Model: 0 ~ 50°C)		-15 ~ 50°C (Only the wireless LAN Model: 0 ~ 50°C), 20 ~ 80% RH, non condensing	
	Storage	-25 ~ 60°C, 20 ~ 80% RH, non condensing			
Physical Dimensions, Weight		Standard Version: (WxDxH) 128 x 73 x 88 mm, 5.04" x 2.87" x 3.46" 405g (with battery installed)	Standard Version: (WxDxH) 119 x 64 x 88mm, 4.69" x 2.52" x 3.46 390g (with battery installed)	Standard Version: (WxDxH) 170 x 76 x 134 mm, 7.7" 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)	
Regulatory Certifications	Safety	FCC Class B, UL, CE, TÜV, CSA, CCC, CSA, MIC, EK, (AC Adapter only), FCC15B Class B, CE			
	Wireless LAN/ Bluetooth	FCC15C, GB4942, GB9254, GB17625.1, R&TTE, IDATSSSS			
Processor		32-Bit RISC			
ACCESSORIES & OPTIONS					
MB200i / MB201i: AC Adapter, RS232 cable, Battery charger (Single or up to 5 batteries), Battery pack, Water protective case, Shoulder strap, Belt clip					
MB400i / MB410i: Battery pack, AC Adaptor, battery charger (Single slot battery charger), Water Protective Case, Shoulder Strap, RS232C Cable					
OTHERS					
Power-Saving Functions		Auto power save. Power is automatically turned 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, and Bluetooth configuration.			
Water & Dust Resistance		IP54 Compliant when using optional water protective case			
Anti-Bacterial Characteristic		Complies with JIS Z 2801 standard			

