

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 SYBLOGIES			
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	

OUR PRESENCE IN ASIA PACIFIC

HEADQUARTERS

SATO Corporation
1-7-1 Shimomeguro, Meguro-ku, Tokyo
153-0064, Japan
TEL: +81 3 6665 0600
www.satoworldwide.com

OFFICES

Australia
SATO Australia Pty Ltd
TEL: +61 3 8814 5330
www.satoaustralia.com

SATO Vicinity Pty Ltd
TEL: +61 2 9562 9800
www.satovicinity.com

China (PRC)

SATO Shanghai Co. Ltd
TEL: +86 21 3252 2777
www.satochina.com

India

SATO Auto-ID India Private Limited
TEL: +91 124 4498555
www.satoindia.com

Indonesia

PT. SATO Nagatomi
TEL: +62 21 652 2752
www.satonagatomi.com

Malaysia

SATO Auto-ID Malaysia Sdn Bhd
TEL: +60 3 7620 8901
malaysia.satoworldwide.com

New Zealand

SATO New Zealand Ltd
TEL: +64 9 477 2222
www.satonezland.com

Singapore

SATO Asia Pacific Pte Ltd
TEL: +65 6271 5300
www.satoasiapacific.com/singapore

Thailand

SATO Auto-ID (Thailand) Co., Ltd
TEL: +66 2 736 4460
www.satothailand.co.th

Vietnam

SATO Vietnam Solutions Co. Ltd
TEL: +84-08-3910 1350/1
www.satovietnam.com

REPRESENTATIVE OFFICES

Korea
SATO Asia Pacific Pte Ltd
Korea Representative Office
TEL: +82 2 761 5072
www.satokorea.com

Philippines

SATO Asia Pacific Pte Ltd
Philippines Representative Office
TEL: +63 2 464 7118
www.satoasiapacific.com

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