



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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