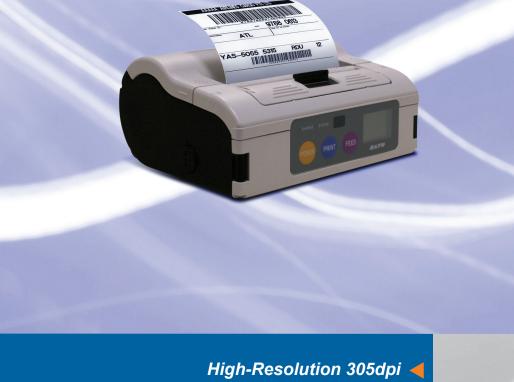


# Mobility and Performance



 High-Resolution 305dpl

 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

### www.satoasiapacific.com

#### **General Specifications**

PRINTER MODEL         MB400i         MB410i           PRINTING SPECIFICATIONS          Direct Thermal           Printing Method         Direct Thermal            Printing Method         104mm (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           Genda Size         Width         500 - 111mm (1.97' ~ 4.37') With backing paper: 28 - 300mm (1.1" ~ 11.8'')           Max. external diameter         67mm (2.63'')         Thickness         0.064 ~ 0.19mm (0.003' ~ 0.007')           Max. external diameter         f7mm (2.63'')         FONTREARCODE SYMBUCGIES         FONTREARCODE SYMBUCGIES           FONT         XU, XS, XM, XB, XL, POP, OCR-A/B, GG font, XS, XM, XB, PO, Kanji: 163/16, 22422, 24424, Gothic (J15-1, J1S-20)         JAN8/13, UPC-F/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-144           2D Barcode         JAN8/13, UPC-F/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-144         SOGMUNICATION INTERFACE           Interleave         Sandard         RS-232C, USB, Infrared
PRINTING SPECIFICATIONS           Direct Thermal           Print Resolution           Max. Print Area         Width         10 dots/mm (203dpi)         12 dots/mm (305dpi)           Max. Print Area         Width         10 dots/mm (203dpi)         12 dots/mm (305dpi)           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         Reflective I-mark, Transmissive gap. Dispenser sensor           Media Size         Width         50 - 297mm (0.08° - 11.69') With backing paper: 28 ~ 300mm (1.1° ~ 11.8')           Thickness         0.064 - 0.19mm (0.003° - 0.007')           Max. external diameter           Fort         XU, XS, XM, XB, XL, POP, OCR-ArB, GG font, XS, XM, XB, PO, Max, external diameter           Thickness         0.064 - 0.19mm (0.003° - 0.007')           Max. external diameter         XU, XS, XM, XB, XL, POP, OCR-ArB, GG font, XS, XM, XB, PO, Max, External diameter           Fort         XU, XS, XM, XB,
Print Resolution         8 dots/mm (203dpl)         12 dots/mm (305dpl)           Max. Print Area         Width         104mm (4.1')           Length         297mm (1.7')           Max. Print Speed         Up to 103mm/sec (4ips)           CONSUMABLES SPECIFICATIONS (Recommended to use printer supplies manufactured or certified by SATO)           Sensor Type         Reflective Imark, Transmissive gap, Dispenser sensor           Media Type         Reflective Imark, Transmissive gap, Dispenser sensor           Media Size         Width         50 ~ 211mm (1.9'' ~ 4.37') With backing paper: 53 ~ 114mm (2.0'' ~ 4.50')           Length         25 ~ 225rm (0.9'' ~ 4.37') With backing paper: 53 ~ 114mm (2.0'' ~ 4.50')           Media Size         Width         50 ~ 011mm (0.93'' ~ 11.6'') With backing paper: 28 ~ 300mm (1.1'' ~ 11.8'')           Thickness         0.064 ~ 0.19mm (0.003'' ~ 0.007')         Max. external diameter           Font         XU, XS, XM, XB, XL, POP, OCR-A/B, CG font, XS, XM, XB, PO, Kanji: 16x16, 22x22, 24x24, Gdhic (1.91-1, 1.9:-20)           ID Barcode         XU, XS, XM, XB, XL, POP, OCR-A/B, CG font, XS, XM, XB, PO, POSTNET, RSS-14           2D Barcode         QR Ver.8.1 (incl. Micro-QR), PDF417 Ver.2.4 (Micro PDF is supported only by SPL 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         Standard
Max. Print Area         Width         104mm (4.1°)           Length         297mm (11.7°)           Max. Print Speed         Up to 103mm/sec (4)ps)           CONSUMABLES SPECIFICATIONS (Recommended to use printer supplies manufactured or certified by SATO)           Sensor Type         Reflective I-mark, Transmissive gap, Dispenser sensor           Media Type         Reflective I-mark, Transmissive gap, Dispenser sensor           Media Size         Width         50 ~ 111mm (1.97 ~ 4.37°) With backing paper: 53 ~ 114mm (2.08° ~ 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         VU, 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         VU, XS, XM, XB, XL, POP, OCR-A/B, CG font, XS, XM, XB, PO, YCB, TR, RSS-14           2D Barcode         VD QV re.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         ViceBar A S-232C, USB, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOBEX)           Option (Bileetooth)         Bileetooth, RS-232C, USB, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOBEX)
Length         297m (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         Reflective I-mark, Transmissive gap, Dispenser sensor           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 SYMBC/GES         XU, XS, XM, XB, XL, POP, OCR-A/B, CG font, XS, XM, XB, PO,           Kanji: 16x16, 22x22, 24x24, Gothic (JIS-1, JIS-20)         JAN8/13, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTINET, RSS-14           2D Barcode         JAN8/13, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTINET, 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         Forton (Biuetooth)           Interface         Standard         RS-232C, USB, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOBE
Max. Print Speed         Up to 103mm/sec (4ips)           CONSUMABLES SPECIFICATIONS (Recommended to use printer supplies manufactured or certified by SATO)         Sensor Type           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 SYMBUCOGIES         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         XU, XS, XM, ZB, ZL, 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, Muti-row symbol (UPC-A/E, JAVEAN, UCC/EAN-128, RSS-14 is compatible with CC-A/B/C)           COMMUNICATION INTERFACE         Standard         RS-232C, USB, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOBEX)           Option (Bluetooth)         Bluetooth, RS-232C, USB, In
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")           Max. external diameter         67mm (2.63")           FONT/BARCODE SYMBOL-OGIES         Font (2.63")           FONT/BARCODE SYMBOL-OGIES         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 Vers 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           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 (Bluetooth)         Wireless LAN(602.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOB
Sensor Type         Reflective I-mark, Transmissive gap, Dispenser sensor           Media Type         Roll (face-out wound), Coreless Linefless 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: 53 ~ 300mm (1.1" ~ 11.8")           Thickness         0.064 ~ 0.19mm (0.003" ~ 0.007")           Max. external diameter         67mm (2.63")           FONT/BARCODE SYMBU-U         With (2.32")           Font         XU, XS, XM, XB, XL, POP, OCR-A/B, CG font, XS, XM, XB, PO, kanji: 16x16, 22x22, 24x24, Cothic (JIS-1, JIS-20)           1D Barcode         JANB/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         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         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)
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")           Max. external diameter         67mm (0.03" ~ 0.007")           FONT/BARCODE SYMBOLOGIES         67mm (2.63")           FONT/BARCODE SYMBOLOGIES         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         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 (Bluetooth)         Bluetooth, RS-232C, USB, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOBEX)           OPERATING CHARACTERISTICS         Vireless LAN (802.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, Standard Protocol, BHT Protocol, IrCOMM, IrOBEX)           OPERATING CHARACTERISTICS         Either SBPL 4.0 or MB400 compatible command set <tr< td=""></tr<>
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         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         RS-232C, USB, Infrared (IrDA Ver.1.2, BHT protocol, IrCOMM, IrOBEX)           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)           OPERATING CHARACTERISTICS         Processor         32-bit RISC           Command set         Either SBPL 4.0 or MB400 compatible command set         14.8 V (Lithium ion), 1700mAh           Operating Environent         Usage         -15 to 50°C (Only the Wirteess LAN Model : 0 to 50°C)           Storage         -25
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 SYMBUCIES           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 INTEFACE           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)           OPERATING CHARACTERISTICS           Processor           32-bit RISC           Command set           Power Requirements           OPERATING CHARACTERIS           Processor           32-bit RISC           Command set           Processor <t< td=""></t<>
Thickness         0.064 ~ 0.19mm (0.003" ~ 0.007")           Max. external diameter         67mm (2.63")           FONT/BARCODE SYMBUUGIES         57mm (2.63")           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         JAN8/13, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-14           2D Barcode         JAN8/13, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-14           2D Barcode         JAN8/13, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-14           2D Barcode         JAN8/14, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-14           2D Barcode         JAN8/14, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-14           2D Barcode         JAN8/14, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-14           2D Barcode         Standard           2D Barcode         JAN8/14, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code128, Code93, POSTNET, RSS-14           2D Barcode         Standard (IPC-A/E, JAN/EAN, UCC/EAN-128, RSS-14 is compatible with CC-A/B/C)           COMMUNICATION INTERFECT         Vireless LAN(802.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, BHT Protocol, IrCOMM, IrOBEX)
Max. external diameter         67mm (2.63")           FONT/BARCODE SYMBOLOGIES         VI, 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 (EC200) 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)           2D MUNICATION INTEFACE         JAN/EAN, UCC/EAN-128. RSS-14 is compatible with CC-A/B/C)           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)           Option (Wireless LAN)         Wireless LAN(802.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, Standard Protocol, BHT Protocol, IrCOMM, IrOBEX)           OPERATING CHARACTERSTICS         S2-bit RISC           Command set         Either SBPL 4.0 or MB400 compatible command set           Power Requirements         14.8 V (Lithium ion), 1700mAh           Operating Environment         Usage         -25 to 60°C (Non-condensing)           Physical Dimension, Weijt-t         Standard
FONT/BARCODE SYMBOLOGIES         Yul, XS, XM, XB, XL, POP, OCR-A/B, CG font, XS, XM, XB, PO, Kanji: 18x16, 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)         Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)       Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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-EAUPC-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)       -25 to 60°C (Non-condensing)         Physical Dimension, Weijkt       Standard Version: (WXDXH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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 INTERACE       Na/Kan, UCC/EAN-128. RSS-14 is compatible with CC-A/B/C)         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       Vireless LAN (802.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, Standard Protocol, BHT Protocol, IrCOMM, IrOBEX)         Processor       32-bit RISC       Standard Protocol, BHT Protocol, IrCOMM, IrOBEX         Power Requirements       14.8 V (Lithium ion), 1700mAh       Vireless LAN Model : 0 to 50°C)       14.8 V (Lithium ion), 1700mAh         Operating Environment       Usage       -15 to 50°C (Non-condensing)       -25 to 60°C (Non-condensing)       7.5 to 30° x 5.3°, 750g (with battery installed)
1D Barcode       JAN8/13, UPC-E/UPC-A, NW-7. CODE39, Interleaved 2 of 5, Code 128, 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         S2-bit RISC         Command set         Power Requirements         OV Listing Environment         Usage       -15 to 50°C (Only the Wireless LAN Model : 0 to 50°C)         Operating Environment       Usage       -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)
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         S2-bit RISC         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, Weijkt       Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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)         Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)       Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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       Vireless LAN(802.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, Standard Protocol, BHT Protocol, IrCOMM, IrOBEX)         OPERATING CHARACTERISTICS       Stable Standard         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, Weijt         Physical Dimension, Weijt       Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
JAN/EAN, UCC/EAN-128. RSS-14 is compatible with CC-A/B/C)         COMMUNICATION INTERACE         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         Power Requirements         Power Requirements         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, Weijt       Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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           OPERATING CHARACTERISTICS         32-bit RISC         32-bit RISC         Standard version: (Wab400 compatible command set         Standard Version: (Vababab 1, 100 mAh         Standard Version: (Vababab 1, 000 mAb         Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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         Vireless LAN(802.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, Standard Protocol, BHT Protocol, IrCOMM, IrOBEX)           OPERATING CHARACTERISTICS         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)         25 to 60°C (Non-condensing)           Physical Dimension, Weijtt         Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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         IrCOMM, IrOBEX)           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           Storage         -25 to 60°C (Non-condensing)           Physical Dimension, Weijt         Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
Option (Wireless LAN)       Wireless LAN(802.11b/g), RS-232C, USB, Infrared (IrDA Ver.1.2, Standard Protocol, BHT Protocol, IrCOMM, IrOBEX)         OPERATING CHARACTERISTICS       IrCOMM, IrOBEX)         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         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)
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, WeiJt     Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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         Storage       -15 to 50°C (Only the Wireless LAN Model : 0 to 50°C)         Storage       -25 to 60°C (Non-condensing)         Physical Dimension, Weijłt       Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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, Weijt       Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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, Weijt       Standard Version: (WxDxH) 170 x 76 x 134mm, 9.7" x 3.0" x 5.3", 750g (with battery installed)
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)
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)
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)
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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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We Create [Value]<sup>2</sup>

MB400i, MB410

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