# bematech

## Features

- Fast printing up to of 9.8" per second

- Large drop-in paper roll with 410' capacity

- Variable paper width

- Proven reliability and performance

- Windows Spooler drivers, OPOS drivers

- Proprietary features: Quick system error recovery and modular interface electronics

- User Software: allows for the user to try the printer capabilities

# MP4200

## Thermal Printer

MP4200 optimizes the checkout process and helps accelerate business at the Point of Sale. While the USB interface is aligned with current industry standards, the second, optional interface enables it to comply with traditional standards (RS232), or with Ethernet and Wi-Fi for special applications. This flexibility allows retailers to keep their printers in pace with the POS System throughout the product life cycle, simply by changing the interface.

MP4200 is built with Bematech's' Easy Recovery System (ERS) that enhances reliability and Modular Cartridge System (MCS) that makes it to repair and minimizes down-time. If a paper jam occurs, ERS restores the printer's functionality simply by lifting the printer cover, then lifting and putting back the paper roll. MCS holds all the electronic parts of the printer, allowing for the change of either the mechanism or the cartridge to be completed in store in a few minutes. These features optimize the ease of service and reduce the costs of printer down-time and maintenance. The MP4200 housing is designed with an easy to clean, non-fading material which makes it ideal for demanding environments.

The wide range of MP4200 software tools makes it one of the easiest printers to integrate with commercial applications. To allow a quick and easy installation in any environment, the MP4200 offers a wide range of point-of-sale protocols, such as OPOS, spooler drivers for either Windows or Linux (CUPS). Furthermore the USB interface presents itself to the host system as a virtual COMM port, allowing legacy software to use it with almost zero effort. Local area network users may also take advantage of Ethernet interface by using the embedded LPD printer server.

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# MP4200 THERMAL PRINTER SPECIFICATIONS

## PRINTING

| | |
|---|---|
| Method | Direct thermal line printing |
| Printing Speed | Up to 9.84"/s (250 mm/s), configurable |
| Paper Feed Speed | 59 lps |
| Dot Density | 0.32 dots/in (203 dpi x 203dpi) |
| Printing Details | |

| Paper Width | Printing Width |
|---|---|
| 2.28" (58 mm) | 1.89" (48 mm or 384 dots) |
| 2.99" (76 mm) | 2.83" (72 mm or 576 dots) |
| 3.15" (80 mm) | 2.99" (76 mm or 608 dots) |
| 3.25" (82,5 mm) | 3.15" (80 mm or 640 dots) |

| | |
|---|---|
| Characters per Line | 24, 32, 48, 64 or 21, 28, 42, 56 |
| Character Set | Code pages 437 (USA/ Standard Europe), 850 (Multilingual "Latin-1" – Western European Languages), 858 (Multilingual with Euro symbol), 860 (Portuguese), 862 (Hebrew), 864 (Arabic) and 866 (Cyrillic). |

## FEATURES

| | |
|---|---|
| Paper cutter | Total or partial cut configurable, panel or software application control |
| Bar Codes | EAN-8, EAN-13, CODE 39, CODE 93, CODE 128 (A, B and C), ITF, CODABAR, UPC-A, UPC-E, ISBN, MSI, Plessey and PDF-417 |
| Selectable font styles | Normal, Double High, Double Wide, Double High & Wide, Emphasized, Bold, Underscore, Italic, Inverted, superscript, underscript |
| Sensors | End of Paper Sensor, Near End Paper Sensor, Top Cover Sensor, Print Head Sensor |
| Buttons | Paper feed & Paper cut |
| Indicators | Power & Information LEDs |
| Cash Drawer Driver | 01 driver (RJ-12 connector) |
| Easy paper loading | Drop in and easy paper loading |
| Firmware | Downloadable |
| Logos and character font table | Downloadable |
| Buzzer | Under software application control |
| Bitmap Image Buffer | 16KB for volatile memory and 256KB for non-volatile memory |

## MECHANICAL

| | |
|---|---|
| Dimension (W x H x D) | 5.90" x 5.75" x 8.58"<br>150 x 146 x 218 (mm) |
| Weight | 2.6 lbs (1.2 kgs) |
| Operating temperature | 32 to 122°F (0 to 50 °C) |
| Operating Humidity | 10 to 90% RH (non condensing) |

## DRIVERS

Spooler for Microsoft Windows XP, Vista, and 7  (32 and 64-bit)
Spooler for Linux (CUPS)
OPOS for Windows
Virtual Serial Drivers (32 and 64 bits)

## COMMUNICATION INTERFACES

| | |
|---|---|
| Communication Interfaces | USB 2.0<br>Serial DB25<br>Ethernet |

## MEDIA

| | |
|---|---|
| Type | Single-ply thermal paper roll |
| Width | 2.28" to 3.25" (58 to 82.5 mm) |
| Diameter | Up to 4" (102 mm) |
| Thickness | 56 to 107 microns |

## ACCESSORIES

Power Supply, Communication Cable, Paper Roll

## POWER SUPPLY

100 -240 VAC 50/60Hz to 24VDC ± 10%, 2.5A (external)

## CERTIFICATION

ROHS compliant, FCC, UL, CE

bematech

FC CE