

# M-CLASS MARK II

## Compact Barcode Printers

The M-Class Mark II family of compact industrial printers offers outstanding value with a broad range of features.

The smaller footprint is ideal for users who need the power of industrial printers but must consider space limitations. The M-Class is a perfect solution for warehouse, healthcare, logistics, and retail applications. The printer family's modular design makes maintenance and part replacement easy. And the flexible design allows a variety of options to be upgraded in the field.

M-Class Mark II printers reduce total cost of ownership with easy-to-maintain components. They offer a broad range of connectivity to meet diverse application requirements and easily integrate into most networks. With an easy-to-navigate LCD graphics display for menu and printer function control, they're designed for any level of user. Support of UHF or HF RFID configurations for current or future requirements protects your printer investments. The high-quality features, performance, and rugged reliability make the M-Class Mark II family a better value than most printers on the market.

The M-Class Mark II printers can be used in a wide variety of applications with a range of media compatibility, connectivity, emulation support, and options, including RFID support. They're easy on your budget, while providing industrial printing performance in a small footprint.



*The M-Class Mark II family keeps up with high-label-demand applications, boasting faster performance than many printers in its class. The modular design and field-installable options reduce downtime and improve efficiency.*

## FEATURES AND BENEFITS



Rugged construction features a precision die-cast aluminum frame.



Five-button, 128 x 64 LCD graphical backlit display is easy to read, enabling user-friendly label configuration setup.



Modular design allows for user field-upgradeable options like thermal transfer and internal rewinder.



Utilizes widely used DPL and supports PL-Z (Zebra), PL-I (Intermec), and PL-B (Boca) printer command languages for easy emulations.



Multi-language menu available in English, Spanish, German, Italian, and French.

# M-Class Mark II Technical Specifications

## MECHANICAL

**Dimensions (H x W x D):** 259 mm x 257 mm x 462 mm (10.21 in x 10.10 in x 18.19 in)

**Weight:** 12.2 kg (27.0 lbs)

**Clock:** On-board real-time clock (M-4210 and M-4308)

**Display:** 128 x 64 LCD backlit graphics display

**Construction:** Solid aluminum die-cast frame with a metal cover and large clear side window to easily monitor media supply levels.

## ENVIRONMENTAL

**Operating Temperature:** 4°C to 35°C (40°F to 95°F)

## PRINT TECHNOLOGY

**Printer Type:** Direct thermal, optional thermal transfer

**Print Length Range:** 6.35 mm to 251.6 mm (0.25 in to 99 in)

**Print Speed/Resolution:**

**M-4206:** 152 mms (6 ips), 8 mmps (203 dpi)

**M-4210:** 254 mms (10 ips), 8 mmps (203 dpi)

**M-4308:** 203 mms (8 ips), 12 mmps (300 dpi)

**Memory:** 16 MB DRAM/8 MB Flash

## POWER SOURCE

**Electrical:** Auto-sensing 90–132V AC or 180–264V AC @ 47–63 Hz

## COMMUNICATION

**Communication Ports (Standard):** Serial RS-232, USB 2.0, parallel bi-directional

**Communication Ports (Optional):** Ethernet-wired LAN 10/100, wireless 802.11 b/g

**Security Protocols:**

DETAILS	WEP	WPA	WPA2
MODES		PSK/Enterprise	
SECURITY/ ENCRYPTION	64/128	TKIP/RC4	CCMP/AES
AUTHENTICATION	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP, IPV4		

## MEDIA

*For optimum print quality and printer performance, use certified Honeywell media supplies.*

**Media Type:**

**Roll-Fed:**

203.2 mm (8.0 in) O.D. on a 76.2 mm (3.0 in) core; 177.8 mm (7.0 in) on a 38.1 mm (1.5 in) core

**Fan-Fold Stock:** Accepted from rear and bottom of printer

Die-cut or continuous labels

Perforated or continuous tag/ticket stock

**Media Width Range:** 19 mm to 118.1 mm (0.75 in to 4.65 in)

**Maximum Print Width:** 108 mm (4.25 in)

**Minimum Media Length:**

**Tear-Off and Rewind Modes:** 6.35 mm (0.25 in)

**Peel and Cutter Modes:** 25.4 mm (1.0 in)

**Media Thickness Range:** 0.0635 mm to 0.254 mm (0.0025 in to 0.01 in)

**Media Sensing:** "See through" for liner-backed die-cut labels and tags, reflective sensor for black mark label media

**Label Backfeed:** For use with optional cutter or present sensor

**Ribbon Width Range:** 25.4 mm to 114.3 mm (1.0 in to 4.5 in)

**Ribbon Length:** 300 m (984 ft), 450 m (1476 ft)

Coated-side-in or coated-side-out

## AGENCY APPROVAL

*Contact your Honeywell sales representative for the most recent list of agency approvals.*

## BARCODES/FONTS/GRAPHICS

**Barcodes:**

**Linear Symbolologies:** Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Industrial 2 of 5, Std 2 of 5, Code 11, Code 93, Code 128, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC 2 and 5-Digit Addendums, Postnet, UCC/EAN Code 128, Telepen, Planetcode, FIM, USPS-4 State

**2D Symbolologies:** MaxiCode, PDF417, USD-8, Datamatrix, QR Code, Codablock, Code 16k, Aztec, TLC 39, Micro PDF417, GS1 Databar

**Resident Fonts:** Ten alphanumeric fonts from 2.5- to 23-point size, including OCR-A, OCR-B, CG Triumvirate smooth font from AGFA

**Scalable Fonts:** CG Triumvirate Bold Condensed, CG Triumvirate, and CG Times with Cyrillic, Greek, Arabic, and Hebrew character support

**Downloadable Font Types:** TrueType, Bitmap

**Character Set:**

More than 50 resident character sets  
Unicode/UTF8 support

**Font Expansion:** All fonts expandable vertically and horizontally up to 24x

**Font Rotation:** Fonts and graphics can be printed in four directions: 0°, 90°, 180°, and 270°

**Graphics Supported:** .pcx, .bmp, and .img format files

**Reversible Field/Mirror Image:** Any font or graphic field can be printed as a normal or reverse image

## SOFTWARE/FIRMWARE

**DMX Config:** Complete printer setup utility  
DMX NetManager

Embedded network web pages

**Drivers:** Microsoft® Windows® NT, Windows XP, and Windows Vista

**Firmware:** Universal

**Printer Command Language:** PL-Z (Zebra), PL-I, (Intermec), PL-B (Boca)

## OPTIONS

Ethernet-Wired LAN 10/100

Wireless 802.11 b/g

USB Host Interface (M-4210 and M-4308 only)

**RFID (M-4210 and M-4308 only):** UHF and HF

**ILPC (International Language Print Capability):** Hangul, Simplified Chinese, and Kanji

**Peel-and-Present:** 38 mm (1.5 in) minimum label length

**Revolving Convertible Hub (M-4206 only):**

76 mm (3 in)

40 mm (1.5 in)

Standard Cutter

Internal Rewinder

Label-Present Sensor

**Thermal Transfer:** Field- or factory-installed

## ACCESSORIES

External Rewinder

Serial Data Cable

## WARRANTY

**Standard Warranty:** Covers platen roller, printhead, and installed options when used with approved supplies

**Printer:** 1 year

**Printhead:** 1 year or 25,400,000 mm (1,000,000 in), whichever comes first

**Extended Warranty:** Contact your Honeywell sales representative for extended warranty options available through Honeywell Repair Services.

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

For a complete listing of all supported barcode symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

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### For more information

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FUTURE  
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