

# 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 the total cost of ownership with easy-to-maintain components. They offer you a broad range of connectivity to meet diverse application requirements and easily integrates 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.

And you can use M-Class Mark II printers 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 cut back on downtime and improve efficiency.*

## FEATURES & BENEFITS



- Rugged construction features a precision diecast aluminum frame.



- Five-button, 128x64 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

## PHYSICAL CHARACTERISTICS

### Dimensions (HxWxD):

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)

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

**Clock:** On-board real-time clock  
(M-4210 & 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.

## USER ENVIRONMENT

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

## PRINT TECHNOLOGY

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

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

### Print Speed:

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

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

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

## POWER SOURCE

**Electrical:** Auto-sensing 90-132 or  
180-264 VAC @ 47-63 Hz

## COMMUNICATION

### Communication Ports (Standard):

Serial RS232, parallel bi-directional,  
USB 2.0 compatible

### Communication Ports (Optional):

Ethernet-wired LAN 10/100,  
wireless 802.11b/g

### Security Protocols:

	WEP	WPA	WPA2
<b>Modes</b>		PSK/Enterprise	
<b>Security/ Encryption</b>	64/128	TKIP/ RC4	CCMP/ AES
<b>Authentication</b>	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP, IPV4		

## MEDIA

**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 (0.75 in) to  
118.1 mm (4.65 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 (0.0025 in)  
to 0.254 mm (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

(1.0 in) to 114.3 mm (4.5 in);

**Standard Ribbon Lengths:** 300 m (984 ft),  
450m (1476 ft);

**Coated-Side-In and Coated-Side-Out**

## AGENCY APPROVAL

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

## BARCODES/FONTS/GRAPHICS

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

**Linear Symbologies:** 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 Symbologies:** MaxiCode, PDF417, USD-8,  
Datamatrix, QR Code, Codeablock, 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 & CG  
Times with Cyrillic, Greek Arabic  
and Hebrew character support

**Downloadable Font Types:** True-Type, Bitmap

**Character Set:** More than 50 resident  
character sets; Unicode/UTF8 support

**Font Expansion/Rotation:** All fonts  
expandable vertically and horizontally up  
to 24x; fonts and graphics can be printed  
in four directions: 0°, 90°, 180° and 270°

**Graphics Supported:** .pcx, .bmp and .img 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, Windows® Drivers - NT, XP, Vista

**Firmware:** Universal

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

## ACCESSORIES

External Rewinder

Serial Data Cable

## OPTIONS

Ethernet-Wired LAN 10/100

Font Support

ILPC (Hangul, Simplified Chinese, and Kanji)

Internal Rewinder

Label-Present Sensor

MCL Enabled (M-4210 and M-4308 only)

Peel-and-Present 38 mm (1.5 in) min. label  
length)

Revolving Convertible Hub

76 mm (3 in)/40 mm

(1.5 in) (M-4206 only)

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

Standard Cutter

Thermal Transfer (field or factory installed)

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

Wireless 802.11b/g

## WARRANTY

**Printer:** 1 year\*

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

**Extended Warranty:** Contact your Honeywell  
representative for extended warranty

\*When used with approved supplies

## For more information

www.honeywellaidc.com

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