

## M-Class™ Mark II Compact Industrial Printers

M-Class™ Mark II is a compact-industrial printer that 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 or retail applications. The modular design of the M-Class 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 reduces the total cost of ownership with easy-to-maintain components. It offers 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, it is 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 M-Class Mark II a better value than most printers on the market.

M-Class Mark II printer can be used in a wide variety of applications with a range of media compatibility, connectivity, emulation support and options, including RFID support. It is easy on the budget, while providing industrial printing performance in a small footprint.



*M-Class Mark II 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 die-cast aluminum frame.



Five-button, 128x64 LCD graphical backlit display is easy to read, enabling user-friendly label configuration setup.



Integrate easily into existing applications. Our language emulation programs allow users to seamlessly replace competitive printers.



Utilizes widely used DPL and supports PL-Z and PL-I printer-language for easy emulations.



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

# Technical Specifications

## PHYSICAL CHARACTERISTIC

**Dimensions (HxWxD):** 259 x 257 x 462 mm (10.21 x 10.10 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:** Metal cabinet, 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

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

## 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 Potocols**

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

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