

## E-Class™ Mark III Desktop Barcode Printers

The E-Class™ Mark III is a family of compact desktop thermal printers designed for a wide variety of industries and applications that require a reliable and cost-effective barcode printer.

Datamax-O'Neil by Honeywell applied its industrial printer expertise to provide customers with an entry level printer that has the features and reliability normally found in more expensive printers. The E-Class Mark III is affordable to own, easy to use and economical to operate.

We've made the E-Class Mark III easy to use, with quick-loading media and an interactive LCD screen. Users can also notice a substantial reduction in their daily operational costs thanks to the E-Class Mark III's larger media and ribbon-roll capacity. The E-Class Mark III is one of the best values on the market.

Why pay for features you don't need? The E-Class is available in three distinct models that offer the features necessary to meet the broadest range of customer requirements. A breakdown of features for each model is provided in the table on the next page.

The E-Class Mark III was carefully designed to maximize your investment value by offering a competitive purchase price, a battery pack option for mobility, a double-walled construction for increased durability and a proven design for long-term reliability.



*The E-Class™ Mark III can reduce daily operational costs by minimizing power consumption, and reducing the costs associated with printer consumables such as labels and ribbons.*

### FEATURES & BENEFITS



The horizontal split cabinet with a rear hinge allows for easy ribbon and label loading.



Double-walled construction and concentric hinges provide rugged structural integrity.



Larger one-inch core standardized ribbons cost less than the typical smaller desktop ribbons.



Allows for quick and easy changes and provides visual status indication (Professional models only).



Go mobile with long-lasting MPU-400 battery pack accessory.

# Technical Specifications

## PHYSICAL CHARACTERISTICS

**Dimensions (HxWxD):** 187 x 203.5 x 282 mm (7.4 x 8.01 x 11.1 in)

**Weight:** 2.4 kg (5.3 lbs)

**Color:** Pantone® warm gray

**Construction:** Split case with rear concentric hinge; double-walled high-strength thermoplastic; clear wraparound media window

## USER ENVIRONMENT

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

## PRINT TECHNOLOGY

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

**Print Length Range:** 9.5 mm (0.375 in) to 2514 mm (99 in)

**Resolution:** 8 dots/mm (203 dpi)  
Optional 12 dots/mm (300 dpi)

## POWER SOURCE

**Electric:** Auto-ranging power converter integration

## COMMUNICATION

**Communication Ports (Standard):** Serial RS232, USB 2.0, Parallel Bi-directional, 10/100 BaseT Ethernet, USB Host

**Communication Ports (Optional):** 802.11 a/b/g, Bluetooth® v2.0

**802.11 a/b/g:** Network standard: IEEE 802.11 a/b/g; wireless access modes: infrastructure and ad-hoc

## 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		

**Network Support:** DHCP, TCP/IP, UDP, DNS, BOOTP

## MEDIA

**Media Type:** Label/Tag Roll

**Width Range:** 19 mm (0.8 in) to 112 mm (4.4 in)

**Thickness Range:** 0.06 mm (0.003 in) to 0.25 mm (0.01 in)

**Winding:** Wound in or out

## Ribbon:

Maximum outside diameter: 65 mm (2.6 in)

Core diameters: 13 mm (0.5 in) or 25 mm (1 in)

- requires provided adaptors

Minimum core widths: 109 mm (4.3 in) for 0.5 in diameter or 25 mm (1 in) for 1 in diameter

Maximum core width: 109 mm (4.3 in)

Width range: 25 mm (1 in) to 109 mm (4.3 in)

Winding: coated-side-in or coated-side-out

## Index Sensor Range:

Transmissive (top and bottom sensor combination): gap, hole or notch:

Basic: 5 mm (0.2 in) right of CL

Adv/Pro: 42 mm (1.7 in) left of CL to

34 mm (1.3 in) right of CL

Reflective (bottom sensor only) bar, hole or notch:

Basic: 5 mm (0.2 in) right of CL,

Adv/Pro: 58 mm (2.3 in) left of CL to

34 mm (1.33 in) right of CL

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

## AGENCY APPROVAL

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

## BARCODES/FONTS/GRAPHICS

**Barcodes:** Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5 (1 of 5), Code 128, EAN-13, EAN-8, HBIC, Codabar, Interleaved 2 of 5 with a module 10 checksum, Plessey, Interleaved 2 of 5 with a module 10 checksum & shipping bearer bars, 2-digit UPC addendum, 5-digit UPC addendum, Code 93, Postnet, UCC/EAN Code 128, Telepen; 2D Symbolologies: UPS MaxiCode, FIM, PDF-417, DataMatrix, QR Code, Aztec, Code 128 with auto Subset Switching, GS1 Databar (replaced RSS), TCIF Linked Bar Code 3 of 9 (TLC39), MicroPDF 417

**Resident Fonts:** Ten alphanumeric fonts from 2 (0.08 in) mm to 6 mm (0.25 in) including OCR-A, OCR-B, CG Triumvirate™ smooth font from AGFA®

**Downloadable Font Types:** True-Type, AGFA® Intellifont™, Bitmap

**Character Set:** Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish-speaking countries; 50 Resident Code Pages

**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, .img format files

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

## SOFTWARE/FIRMWARE

NETira™ CT: Configuration tool; NETira™ RM: Remote Management; NETira™ LD: Label Design Software; Drivers: Windows® XP, Windows® Vista, Windows® NT, Windows 7®, Windows 8 (32- & 64-bit)

## Universal Printer Command Language

**Support:** PL-Z (Zebra), PL-B (Boca), PL-I (Intermec), PL-E (Eltron), XML-Enabled

## ACCESSORIES

Auto-Loading Chute

Battery Pack

External Media (Large Roll) Holder

External Rewinder

## OPTIONS

Bluetooth™ v2.0 (Professional model only)

Cutter w/Sensor Field (Not Available on Basic)

High Resolution (300 dpi)

Label (Peeler) Dispenser w/Sensor Field

Thermal Transfer (Includes 1 in Ribbon Adaptors)

Wireless LAN (Professional Model Only)

## WARRANTY

**Standard Printer Warranty\*:** 1 year (including platen roller and installed options)

**Standard Printhead Warranty\*:** 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

*\*When used with approved supplies*

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