

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
Modes		PSK/Enterprise	
Security/Encryption	64/128	TKIP/RC4	CCMP/AES
Authentication	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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