Honeywell
THE POWER OF CONNECTED

Printers

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. Honeywell Datamax-O'Neil 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.

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 the long-lasting MPU-400 battery pack accessory.

E-Class Mark III Technical Specifications

MECHANICAL

Dimensions (H x W x D): 187 mm x 203.5 mm x 282 mm (7.4 in x 8.0 in 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

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: 9.5 mm to 2514 mm (0.375 in to 99 in)

Resolution: 8 dots/mm (203 dpi)

Optional Resolution: 12 dots/mm (300 dpi)

Memory: 16 MB SDRAM/8 MB Flash

POWER SOURCE

Electrical: Auto-ranging power converter integration

COMMUNICATION

Communication Ports (Standard): Serial RS-232, USB 2.0, parallel bi-directional, 10/100 Base-T 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:

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		

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

MEDIA

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

Media Type: Label/Tag Roll

Maximum Media Roll Diameter: 127 mm (5 in)

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

Thickness Range: 0.06 mm to 0.25 mm (0.003 in to 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 to 109 mm (1 in to 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

AGENCY APPROVAL

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

BARCODES/FONTS/GRAPHICS

Barcodes:

Linear: Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5 (I 2 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 and shipping bearer bars, 2-digit UPC addendum, 5-digit UPC addendum, Code 93, Postnet, UCC/EAN Code 128, Telepen

2D Symbologies: 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 mm to 6 mm (0.08 in to 0.25 in) including OCR-A, OCR-B, CG Triumvirate smooth font from AGFA

Downloadable Font Types: TrueType, 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, and .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 Managment

NETira LD: Label Design Software

Drivers: Microsoft® Windows® XP, Windows Vista, Windows NT, Windows 7, Windows 8 (32- and 64-bit)

Universal Printer Command Language Support: PL-Z (Zebra), PL-B (Boca), PL-I (Intermec), PL-E (Eltron), XML-Enabled

E-Class Mark III Technical Specifications, continued

OPTIONS

Bluetooth v2.0 (Professional model only)
Cutter w/Sensor Field (not available on Basic)
High Resolution (300 dpi)
Thermal Transfer (includes 1 in ribbon adaptors)
Wireless LAN (Professional model only)

ACCESSORIES

Auto-Loading Chute
Battery Pack
External Media (Large Roll) Holder
External Rewinder

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.

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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