

DMX-E-4304™ PRODUCT SPECIFICATIONS



Datamax brings high resolution to the E-Class with the addition of the 300 dpi, DMX-E-4304 Label Printer.

The E-4304 is a small, compact, thermal printed designed for a variety of on-demand printing applications requiring more definition than 203 dpi. In addition to a 4.1" print width, serial and parallel communication interfaces, the E-4304 includes a 300 dpi printhead, 4 inch per second (ips) print speed, and casework to accommodate a 5" outside diameter (OD) roll of labels. A three button, LED control panel provides maximum configuration flexibility and printer status indication. A see-through media window provides for immediate assessment of label stock status.

The Datamax E-4304 can print a wide variety of labels ranging from small office shipping labels to postal and transportation labels. Medical and research facilities, walk-in shipping, and mail centers are all typical examples of the types of businesses that can benefit from the E-4304. With 300 dpi, the E-4304 can also print complex two dimensional bar code symbologies including PDF417, Datamatrix, MaxiCode, and QRCode.



The E-4304 is the perfect choice for desk-top labeling applications.

The E-4304, developed in response to customer requirements, includes all the features needed to make it a perfect choice for your high resolution, low to medium volume labeling needs.



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PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
PRINT SPEED	4" per second (101.6mm)
RESOLUTION	300 dpi (11.8 dots/mm)
BAR CODE MODULUS	3.3 mil to 110 mil "X" dimension in picket fence or ladder orientations
MAXIMUM PRINT WIDTH	4.1" (104mm)
MEDIA WIDTH	1" - 4.3" (25 - 109mm)
MAXIMUM PRINT LENGTH	12" (304.8mm) – with default settings, 24" (609.6mm) –with reconfigured memory
MEDIA TYPE	Roll-fed or fan-fold materials, die-cut or continuous labels. Perforated or continuous tags.
MEDIA THICKNESS	.0025" - .0100" (.0635 - .254mm)
MINIMUM LABEL WIDTH	1" (25mm)
MEDIA SENSING	"See through" for liner backed die cut labels and tags. Left bias reflective sensor for black mark label media.
SUPPLY ROLL	5" (127mm) maximum outside diameter. Fanfold stock accepted from back of printer.
RIBBONS	Industry standard ribbon widths; .5" (13mm) ribbon core; 361' (110M) in length
CABINET	Plastic construction
BAR CODES	Code39, Interleaved 2 of 5, Code128, (subsets A, B, and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC2 and 5 digit addendums, EAN-8, EAN-13, EAN 2 & 5 digit addendums, UPC random weight, Code93, MSI Plessey, Universal Shipping Container Symbology, UCC/EAN Code128, Postnet, Code128 MOD 43, PDF417, UPS MaxiCode, DataMatrix, QR Code
RESIDENT FONT	Nine alphanumeric fonts from .08" (2mm) to .25" (6mm) and OCR-A, OCR-B, CG Triumvirate, from AGFA® in both portrait and landscape orientations (4point to 24 point).
CHARACTER SET	Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries.
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°. A scalable font engine is resident for user-downloadable fonts.
GRAPHICS SUPPORT	.PCX, .BMP, .IMG files
REVERSE FIELDS/MIRROR IMAGE	Any font or graphic field can be printed as a normal or reverse image.
MEMORY	2MB DRAM, 1MB Flash
INTERFACES	Centronics parallel, RS232 at 600 to 38,400 BPS
WINDOWS® DRIVER	95/98/NT/2000 supported
POWER SOURCE	115, 230 VAC 60/50Hz available; specify appropriate power cord when ordering
OPERATING TEMPERATURE	40°F to 95°F (4°C to 35°C)
DIMENSIONS	7.05"(179mm)H x 8.77"(223mm)W x 10"(254mm)D
WEIGHT	Printer: 5.2 lbs. (2.4kg) TT, Standard AC Adapter: 10 oz (284g), optional heavy duty AC adaptor; 2.2lbs (1kg)
AGENCY LISTINGS	Built to UL safety standards, FCC emissions standard and CE Mark
OPTIONS	
THERMAL TRANSFER	Factory or user installed
PRESENT SENSOR	User installed
CUTTER	User installed, heavy duty (.002" - .0065") rotary media cutter; or light duty (.002" - .0047") cutter
MEMORY KIT	User installed 3MB Downloadable Flash Program Memory module.
EXTERNAL KEYBOARD	Portable keyboard/display terminal provides interface for stand-alone printing.
NETWORK CONNECTIVITY	Micro Print Server MPS1T allows multiple users on various platforms to share the same printer
ILPC FIRMWARE	International Language Print Capability firmware allows printing of non-English character sets in over 40 countries. User installable plug-in modules as defined below:
	<ul style="list-style-type: none"> • CG Times (Western Language Support) • Kanji Gothic B • Simplified Chinese GB • Korean Hangul
NOTE	Only one (1) memory module can be used at a time



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