

## PRODUCT SPECIFICATIONS

# M-4306



### M-4306 PRINTERS

are ideal for applications such as:

- Pharmacy
- Shipping
- Product Labeling
- Postal Services
- Asset Tracking
- Small Business
- Inventory Control

### ▪ M-4306

Datamax is poised to revolutionize the thermal printing industry again with the M-Class printer line. The M-Class offers users a durable, technologically advanced thermal printer with the design principles that have proven successful in other Datamax printers, in a smaller footprint for use in emerging market applications.

Thermal printing is expanding to more vertical market and industry applications, and Datamax is maintaining a leadership position in printer design and performance with the M-Class. The M-Class is built on a uni-frame, die-cast aluminum chassis, increasing the printer's durability throughout a lifetime of high performance output. The truly modular design of the M-Class, unique to Datamax printers, allows options to be installed and removed in the field. Datamax printers offer versatility that is unparalleled in the thermal printing industry. Datamax builds products that provide value and cost savings to users, and the M-Class continues this legacy.

While a printer's design and construction is key to its durability, the ability to interface with an existing or new system is what enables truly seamless integration into any application. Standard connectivity interfaces for the M-Class include an RS-232 serial port, an IEEE 1284 compliant, bi-directional parallel port, and a USB port. Network users have many options, including a fully integrated, highly functional internal Ethernet card, or a more economical external Ethernet port. Datamax also offers DMXConfig, a desktop configuration tool that allows users to retrieve, modify, and update the printer's configuration without entering the printer's menu. Printer settings can be saved and sent to multiple printers if the application requires.

The M-Class is designed to address emerging markets for thermal printers, including healthcare, light industrial, retail and shipping applications. The printer's advanced menu system and durable features are the finishing touches in creating the most value-oriented printer for these emerging market users. The M-Class is the most feature-rich printer available to address the desktop/light industrial marketplace with the performance and value required in these applications.



[www.datamaxcorp.com](http://www.datamaxcorp.com)



#### CORPORATE HEADQUARTERS

4501 Parkway Commerce Blvd.  
Orlando, Florida USA 32808  
Phone (407) 578-8007  
Fax (407) 578-8377  
[customer-care@datamaxcorp.com](mailto:customer-care@datamaxcorp.com)

#### DATAMAX LABELS AND RIBBONS

Phone (800) 321-2233  
Fax (800) 436-8920  
[dmxmedia@datamaxcorp.com](mailto:dmxmedia@datamaxcorp.com)

#### DATAMAX LATIN AMERICA

Phone (407) 523-5520  
Fax (407) 578-8377  
[tdelegado@datamaxcorp.com](mailto:tdelegado@datamaxcorp.com)

#### DATAMAX INTERNATIONAL

Phone +44 1279 772200  
Fax +44 1279 424448  
[rbyrne@datamaxcorp.com](mailto:rbyrne@datamaxcorp.com)

#### DATAMAX ASIA-PACIFIC REPRESENTATIVE OFFICE

Phone +65-6542-2611  
Fax +65-6542-3611  
[datamax@pacific.net.sg](mailto:datamax@pacific.net.sg)

#### DATAMAX CHINA REPRESENTATIVE OFFICE

Phone +86 10 64969313  
[datamax\\_cn@china.com](mailto:datamax_cn@china.com)

➤ PRODUCT SPECIFICATIONS

# M-4306

M-4306

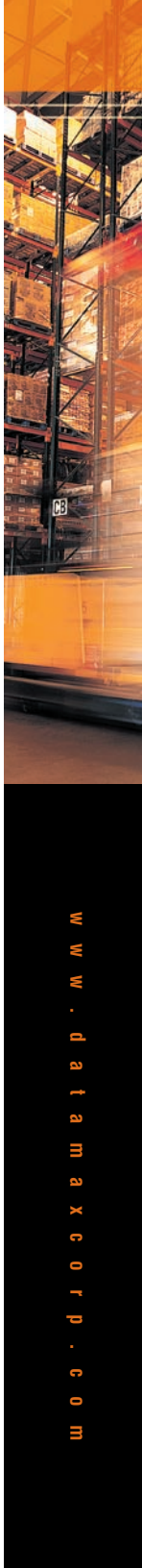
PRINT SPEED	6 IPS
RESOLUTION	300 DPI
PRINT WIDTH	4.16" (106 mm)
MEDIA WIDTH	.75" - 4.65" (19mm - 118 mm)
MEMORY	8MB DRAM; 2MB Flash
SUPPLY ROLL CAPACITY	8" (203 mm) O.D. on a 3.0" (76.2 mm) core; 7" (178mm) on a 1.5" (38mm) core. Fanfold stock accepted from rear and bottom of printer.
PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
BAR CODE MODULUS	3.3 mil to 40 mil; "X" dimension in picket fence or ladder orientations
MEDIA TYPE	Roll-fed or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock
PRINT LENGTH	.25" – 99" (6mm – 2475mm)
MEDIA THICKNESS	.0025" – .0100" (.0635mm – .254mm)
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
RIBBONS	Industry standard ribbon widths; 1" (25mm) ribbon core, 1476' (450M) in length
CABINET	Metal construction, clear side window to easily monitor media supply levels
BAR CODES	Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Code 128, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC 2 and 5 digit addendums, Code 93, Postnet, UCC/EAN Code 128, Telepen, UPS MaxiCode, FIM, PDF417, USD-8, Datamatrix, QR Code, Aztec, TLC 39, Micro PDF417, RSS
RESIDENT FONTS	Ten alphanumeric fonts from .03" (0.9mm) to .25" (6mm) including OCR-A, OCR-B, CG Triumvirate® smooth font from AGFA®. Resident scalable fonts
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. Scalable fonts can be used with over 50 resident character sets.
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
REVERSE FIELDS/MIRROR IMAGE	Any font or graphic field can be printed as a normal or reverse image
INTERFACES	USB, Centronics® IEEE 1284 parallel port, RS232 at 1200 to 38,400 BPS
WINDOWS® DRIVER	Used for creating label formats using virtually any Windows®-based program. Included on Datamax Accessories CD, or via our web site at <a href="http://www.datamaxcorp.com">www.datamaxcorp.com</a>
REAL TIME CLOCK	On-board real time clock maintains the printers hours of use, inches printed, and time and date.
POWER SOURCE	Auto-sensing 90 - 132 or 180 - 264 VAC @ 47-63 Hz; specify appropriate power cord when ordering
OPERATING TEMPERATURE	40°F to 95°F (4°C to 35°C)
DIMENSIONS	10.3" H x 9.8" W x 18.06" D (262mm H x 249mm W x 459mm D)
WEIGHT	27.0 lbs. (12.2kg)

DATAMAX M-4306 OPTIONS:

- THERMAL TRANSFER
- LABEL PRESENT SENSOR
- PEEL AND PRESENT
- INTERNAL REWIND
- MEDIA CUTTER
- FLASH MEMORY EXPANSION
- MCL ENABLED
- INTERNAL ETHERNET PRINT SERVER
- DMX100 ETHERNET PRINT SERVER

Built to UL, Canadian, and European safety standards, FCC Class A emissions standard and CE Mark. This data sheet is for informational purposes only. DATAMAX MAKES NO WARRANTIES, EXPRESSED OR IMPLIED IN THIS SUMMARY. Specifications are subject to change without notice. All trademarks are the property of their respective owners. ©2007 DATAMAX BAR CODE PRODUCTS CORPORATION. All rights reserved. Datamax is an ISO 9001 registered company.

Rev. 9/07



www.datamaxcorp.com