

PRODUCT SPECIFICATIONS

M-CLASS



M-CLASS PRINTERS

are ideal for applications such as:

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

- M-4206
- M-4208
- 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. The M-Class consists of the M-4206, an entry-level industrial printer for value-conscious customers, and the M-4208 and M-4306, high performance models with LCD display and expanded option sets.

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.

DATAMAX®

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

DATAMAX LABELS AND RIBBONS

Phone (800) 321-2233
Fax (800) 436-8920
dmsmedia@datamaxcorp.com

DATAMAX LATIN AMERICA

Phone (407) 523-5520
Fax (407) 578-8377
tdelegado@datamaxcorp.com

DATAMAX INTERNATIONAL

Phone +44 1279 772200
Fax +44 1279 424448
rbyrne@datamaxcorp.com

DATAMAX ASIA-PACIFIC REPRESENTATIVE OFFICE

Phone +65-6542-2611
Fax +65-6542-3611
datamax@pacific.net.sg

DATAMAX CHINA REPRESENTATIVE OFFICE

Phone +86 21 64952882
datamax_cn@china.com

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	M-4206	M-4208	M-4306
PRINT SPEED	6 IPS	8 IPS	6 IPS
RESOLUTION	203 DPI	203 DPI	300 DPI
PRINT WIDTH	4.25" (108mm)	4.25" (108mm)	4.16" (106 mm)
MEDIA WIDTH	.75" - 4.65" (19mm - 118 mm)	.75" - 4.65" (19mm - 118 mm)	.75" - 4.65" (19mm - 118 mm)
MEMORY	4MB DRAM; 2MB Flash	8MB DRAM; 2MB Flash	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	5 mil to 55 mil (203dpi); 3.3 mil to 40 mil (300dpi); "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	Plastic construction, (M-4206); Metal construction, (M-4208/M-4306); 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 (M-4208 and M-4306)		
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® Parallel port (IEEE 1284 parallel port on M-4208/M-4306), 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 www.datamaxcorp.com		
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	M-4206: 21.0 lbs. (9.5kg); M-4208/M-4306: 27.0 lbs. (12.2kg)		

DATAMAX M-CLASS 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

* Not available for the M-4206

GEORGE R. DOUGLAS
ASSOCIATES, LLC *Since 1930*

3261 Commercial Parkway • Memphis, TN 38116
Tel: (901) 332.6735 • Toll Free: 1-866-804-5291
Fax: (901) 332.1834

E-mail: grdouglas@grdouglas.com
Visit: grdouglas.com

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