

M-4206



Datamax is poised to revolutionize the thermal printing industry again with the introduction of the M-4206 printer. The M-4206 is the first in a series of printers in the new Datamax M-Class product 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-4206 is a feature-rich printer built with a modular design and die-cast construction, creating a desktop/light industrial performance printer at a value price.

As thermal printing expands to use within more industry applications, Datamax is maintaining a leadership position in printer design with the M-4206. The M-4206 is built on a uni-frame, die-cast aluminum chassis to increase the printer's durability throughout a lifetime of high performance output. The truly modular design of the M-4206, unique to Datamax printers, allows for options to be installed and removed in the field. The versatility offered by Datamax printers is unparalleled in the thermal printing industry. Datamax builds products that provide value and cost savings to our customers, and the M-4206 continues this legacy.

While the design and construction of a thermal printer is key to its durability, the ability to interface the printer to an existing or new system is key to a seamless integration into any application. Standard connectivity interfaces for the M-4206 include an RS-232 serial port, an IEEE 1284 compliant, bi-directional parallel port, and a USB port. Ethernet users have the option of installing an external Ethernet connection to the printer's parallel port. Datamax also offers DMXConfig, a desktop configuration tool that allows users to set the printer's configuration and send it to the printer without entering the printer's menu. Printer settings can be saved and sent to multiple printers if the application requires. Users on Windows 98 and above systems can also query the printer with DMXConfig to extrapolate the printer's current configuration via the bi-directional parallel port.

The M-4206 was designed to address emerging markets for thermal printers, including healthcare, light industrial, retail and shipping applications. The printer's advanced menu system and durable plastic cover are the finishing touches in creating the most value-oriented printer for this market. The M-4206 is the most feature-rich printer available to address the desktop/light industrial marketplace with the performance and value required in these applications.

M-Class printers are ideal for applications such as:

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



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PRINT SPEED	2 - 6 IPS (50 - 152 mm/s)
RESOLUTION	203 DPI
SUPPLY ROLL CAPACITY	8" (203 mm) O.D. on 1.5 - 3.0" (38 - 76.2 mm) cores. Fanfold stock accepted from rear and bottom of printer.
PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
BAR CODE MODULUS	5 mil to 55 mil "X" dimension in picket fence or ladder orientations
MEDIA WIDTH	1" - 4.65" (25.4mm - 118mm)
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. Left bias reflective sensor for black mark label media
LABEL BACKFEED	For use with optional cutter
RIBBONS	Industry standard ribbon widths; 1" (25mm) ribbon core, 1476' (450M) in length
CABINET	Plastic 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
RESIDENT FONTS	Ten alphanumeric fonts from .08" (2mm) to .25" (6mm) 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
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
MEMORY	4MB DRAM; 2MB Flash
INTERFACES	USB, Centronics® Parallel port, RS232 at 600 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
POWER SOURCE	Auto-sensing 90 - 132 or 180 - 264 VAC @ 47-63 Hz; specify appropriate power supply and 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	21.5 lbs. (9.77kg)

DATAMAX M-CLASS OPTIONS:

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

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