

## DMX-I-4206™ PRODUCT SPECIFICATIONS



For applications ranging from desktop to industrial settings, Datamax Corporation offers the ultimate price and performance leader for your printing needs ... the DMX-I-4206™ thermal printer. Engineered as the product to re-define the industry's 4" thermal printing market, the DMX-I-4206 incorporates a number of standard features, all designed to protect your investment.

The DMX-I-4206 features a modular design that enables the operator to add or change an option at any time. The printer can easily be upgraded and reconfigured to meet future opportunities or growing applications.

The foundation of the printer is a precision crafted die-cast aluminum frame. Engineered for quality, this durable yet lightweight design increases the printer's longevity and reliability.

More ease-of-use features are standard throughout this product than any other printer in its class. Standard features include an easy-to-read front LCD display, color coded operator cues, embossed media loading diagrams, wide access to the printhead, plus a unique collapsible ribbon hub that makes loading and unloading a snap.

The decision is easy - for reliability, ruggedness, and performance choose Datamax's new DMX-I-4206 thermal printer. It's the industry's answer to your 4" industrial printing needs.



### DATAMAX® I-CLASS™ FEATURES:

- **Fast Label Throughput** - Featuring a powerful 32-bit processor and an amazing 8MB of addressable RAM, the DMX-I-4206 provides first label throughput at 6 ips - the fastest label in its class.
- **Simple to Use** - Most features can be easily configured through the deluxe LCD front panel display.
- **International Features Built In** - The front LCD features selectable language support for English, French, Italian, German and Spanish. International Language Print Capabilities are available for over 40 international languages.
- **Easy to Use** - Unique ribbon and media supply and take up hubs make loading a snap.
- **Feature Loaded** - The I-4206 is built with standard features that are normally expensive options on competitive model products.

**DATAMAX**<sup>®</sup>  
**I** CLASS™

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# DMX-I-4206™ PRODUCT SPECIFICATIONS



<b>PRINTER TYPE</b>	Direct Thermal, Optional Thermal Transfer
<b>PRINT SPEED</b>	2" – 6" per second (51mm – 152mm)
<b>RESOLUTION</b>	203 dpi (8 dots/mm)
<b>BAR CODE MODULUS</b>	5 mil to 110 mil "X" dimension in picket fence or ladder orientations
<b>MAXIMUM PRINT WIDTH</b>	4.094" (104mm)
<b>MEDIA WIDTH</b>	1" – 4.65" (25mm – 118mm)
<b>PRINT LENGTH</b>	0.25" – 99" (6mm – 2475mm) .75"(19mm) minimum print length with optional present sensor.
<b>MEDIA WINDOW</b>	Clear side door panel to easily monitor media supply levels
<b>MEDIA TYPE</b>	Roll-fed or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock
<b>MEDIA THICKNESS</b>	.0025" – .0100" (.0635mm – .254mm)
<b>MEDIA SENSING</b>	Adjustable sensor detects "see through" for liner-backed die-cut labels and tags or reflective sensing for media with black stripe sensing
<b>SUPPLY ROLL</b>	8" (203mm) maximum diameter on 1.5" – 3" (38mm – 76mm) core. Fan-fold stock accepted from rear of printer
<b>LABEL BACKFEED</b>	For use with optional cutter
<b>RIBBONS</b>	Industry standard ribbon widths; 1" (25mm) ribbon core, 1968' (600M) in length
<b>CABINET</b>	Metal construction
<b>BAR CODES</b>	Code 39, Interleaved 2 of 5, Code 128 (subsets A,B and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC 2 & 5 digit addendums, EAN-8, EAN-13, EAN 2 & 5 digit addendums, UPC random weight, Code 93, MSI Plessey, Universal Shipping Container Symbology, UCC/EAN Code 128, Postnet, Code 128 MOD 43, PDF 417, UPS MaxiCode (mode 2 & 3), Datamatrix, Telepen
<b>RESIDENT FONTS</b>	Ten alphanumeric fonts from .035" (.89mm) to .64" (16.26mm) including OCR-A, OCR-B, CG Triumvirate™ scalable font from AGFA®.
<b>CHARACTER SET</b>	Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries
<b>FONT EXPANSION/ROTATION</b>	All fonts expandable vertically and horizontally up to 24x; fonts and graphics can be printed in four directions: 0°, 90°, 180° and 270°
<b>GRAPHICS SUPPORT</b>	.PCX, .BMP and .IMG files
<b>REVERSE FIELDS/MIRROR IMAGE</b>	Any font or graphic field can be printed as a normal or reverse image
<b>MEMORY</b>	1MB Downloadable Flash Program Memory 8MB DRAM memory
<b>INTERFACES</b>	Centronics® Parallel port (IEEE 1284 compliant), RS232 at 300 to 38,400 BPS, optional Ethernet
<b>WINDOWS® DRIVER</b>	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>
<b>POWER SOURCE</b>	Auto-sensing 115, 230 VAC 50/60Hz; specify appropriate power cord when ordering
<b>OPERATING TEMPERATURE</b>	40°F to 95°F (4°C to 35°C)
<b>DIMENSIONS</b>	12.70" H x 12.62" W x 18.60" D (322.6mm H x 320.6mm W x 472.5mm D)
<b>WEIGHT</b>	45 lbs., 20.5Kg
<b>OPTIONS</b>	<b>ALL OPTIONS ARE EASILY INSTALLED IN THE FIELD OR CAN BE ORDERED AS FACTORY INSTALLED</b>
<b>THERMAL TRANSFER</b>	Simple ribbon loading featuring collapsible ribbon hub
<b>STANDARD MEDIA CUTTER W/ TRAY</b>	Maximum Thickness .010" (.254mm)
<b>LIGHT DUTY CUTTER W/ TRAY</b>	Maximum Thickness .005" (.127mm)
<b>REVOLVING MEDIA HUBS</b>	Available in 1.5" and 3.0" options
<b>INTERNAL REWIND</b>	6" (125mm) OD capacity; label backing rewound in peel and present mode and liner rewound in batch mode with present sensor used for on-demand label dispensing (factory or field installed)
<b>EXTERNAL REWIND</b>	8" (203mm) maximum OD capacity (full supply roll)
<b>PASSPORT</b>	Portable keyboard/display terminal provides interface for stand-alone printing
<b>LABEL PRESENT SENSOR</b>	Used for on-demand label dispensing
<b>NETWORK CONNECTIVITY</b>	Micro Print Server allows multiple users on various platforms to share the same printer.
<b>Hosts Supported:</b>	• Novell NetWare • UNIX • Windows NT • LAN Manager • AppleTalk • DEC
<b>Protocols Supported:</b>	• IPX • TCP/IP • LPR • LAT • NetBIOS/NetBEUI
<b>INTERNAL TWINAX/COAX INTERFACE</b>	Supports printing from IBM® midrange or mainframe computers
<b>ILPC FIRMWARE</b>	International Language Print Capabilities firmware allows printing of non-English character sets in over 40 languages

