

**DMX-I-4212™ PRODUCT SPECIFICATIONS**

Engineered as the product to redefine the industry's 4" thermal printing market, the DMX-I-4212 boasts a print speed up to 12 inches per second (304mm/sec). Not only is this the fastest printer in the Datamax I-Class Series, it also provides the fastest label through put of any like product. By combining high speeds with the I-Class' rugged precision crafted die-cast aluminum frame, the I-4212 is the ideal choice for your high volume, mission critical printing applications, either on-demand or in batches.

The I-Class supports a 4.65-inch(118mm) maximum label width making the product ideal for labeling applications in industrial, commercial, business and clinical environments. A field installable flash/font expansion card allows for storage of label formats, graphics,downloadable fonts and international language print capabilities, thus minimizing formatting download time and maximizing printer output.

**STANDARD FEATURES:**

- A powerful 32-bit multi-tasking processor and an industry leading 16MB of addressable RAM;
- An easy-to-read front LCD display;
- Color coded operator cues;
- Embossed media loading diagrams
- Easily accessible printhead mechanism;
- A unique collapsible ribbon hub that Makes loading and unloading a snap.

**ENGINEERED TO PROTECT YOUR INVESTMENT :**

- Modular design facilities adding and/or changing options.
- Easy to upgrade and reconfigure for business growth.
- Extremely easy to maintain-change the printhead and the platen roller in less than 5 minutes.
- Standard bi-directional parallel and high-speed serial interfaces allow easy integration into your system.
- Optional Ethernet and Twinax/Coax support allows the printer to connect to virtually any host system environment.

The Datamax I-Class Series has what it takes to work with your computer system. When it comes to high-speed, large volume, mission critical applications, there is just one choice – the **Datamax I-Class I-4212**. It's the industry's answer to your high-performance printing needs.

# DMX-I-4212™ PRODUCT SPECIFICATIONS



<b>PRINTER TYPE</b>	Direct Thermal, Optional Thermal Transfer
<b>PRINT SPEED</b>	2" – 12" per second (51mm – 304mm) in .5" programmable increments
<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>REVOLVING MEDIA HUBS</b>	Available in 1.5" and 3.0" options
<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>	2MB Downloadable Flash Program Memory 16MB DRAM memory
<b>INTERFACES</b>	Centronics® Parallel port (IEEE 1284 compliant), RS232 at 2,400 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</b>	Maximum Thickness .005" (.127mm)
<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>I/O EXPANSION CARD</b>	Featuring 8MB Flash, general purpose I/O, time and date battery back up
<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>	Internal Ethernet Adapter 10/100 mbps 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>FONT/FLASH EXPANSION</b>	Features 4MB font memory and 4MB addressable Flash memory expansion
<b>INTERNATIONAL LANGUAGE PRINT CAPABILITY</b>	Consisting of the Font/Flash expansion card plus one of the following: CG Triumvirate™ Scalable Bold, Condensed font and CG-Times Scalable font or; simplified Chinese GB Scalable font or; Kanji Gothic B Scalable font

