

THE I-CLASS PRINTER FROM DATAMAX

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 throughput of any like product. By combining high speeds with the I-Class' rugged precision-crafted die-cast aluminium 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 labelling 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 minimising formatting download time and maximising printer output.

STANDARD FEATURES:

- A powerful 32-bit, 90 MHz Motorola Coldfire™ multi-tasking processor and an industry-leading 16MB of addressable RAM
- An easy-to-read front LCD display
- Colour-coded operator cues
- Embossed media loading diagrams
- Easily accessible printhead mechanism
- A unique collapsible ribbon hub that Makes loading and unloading a breeze

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.

DATAMAX
I CLASS™

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DMX-I-4212™ PRODUCT SPECIFICATIONS



PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
PRINT SPEED	2" – 12" per second (51mm – 304mm) in .5" programmable increments
RESOLUTION	203 dpi (8 dots/mm)
BAR CODE MODULUS	5 mil to 110 mil "X" dimension in picket fence or ladder orientations
MAXIMUM PRINT WIDTH	4.094" (104mm)
MEDIA WIDTH	1" – 4.65" (25mm – 118mm)
PRINT LENGTH	0.25" – 99" (6mm – 2475mm) .75"(19mm) minimum print length with optional present sensor
MEDIA WINDOW	Clear side door panel to easily monitor media supply levels
MEDIA TYPE	Roll-fed or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock
MEDIA THICKNESS	.0025" – .0100" (.0635mm – .254mm)
MEDIA SENSING	Adjustable sensor detects "see through" for liner-backed die-cut labels and tags or reflective sensing for media with black stripe sensing
SUPPLY ROLL	8" (203mm) maximum diameter on 1.5" – 3" (38mm – 76mm) core. Fan-fold stock accepted from rear of printer
REVOLVING MEDIA HUBS	Available in 1.5" and 3.0" options
LABEL BACKFEED	For use with optional cutter
RIBBONS	industry-standard ribbon widths; 1" (25mm) ribbon core, 1968' (600M) in length
CABINET	Metal construction
BAR CODES	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, QR Code, Postnet, Code 128 MOD 43, PDF 417, Micro PDF, UPS MaxiCode (mode 2 & 3), Datamatrix, Telepen, Aztec
RESIDENT FONTS	Ten alphanumeric fonts from .035" (.89mm) to .64" (16.26mm) including OCR-A, OCR-B, CG Triumvirate™ scalable font from AGFA®
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 SUPPORT	.PCX, .BMP and .IMG files
REVERSE FIELDS/MIRROR IMAGE	Any font or graphic field can be printed as a normal or reverse image
MEMORY	2MB Downloadable Flash Program Memory 16MB DRAM memory
INTERFACES	Centronics® Parallel port (IEEE 1284 compliant), RS232 at 2,400 to 38,400 BPS, optional Ethernet
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 90-264 VAC @ 47-63 Hz; specify appropriate power cord when ordering
OPERATING TEMPERATURE	40°F to 100°F (4°C to 38°C)
DIMENSIONS	12.70" H x 12.62" W x 18.60" D (322.6mm H x 320.6mm W x 472.5mm D)
WEIGHT	45 lbs., 20.5Kg
<u>OPTIONS</u>	ALL OPTIONS ARE EASILY INSTALLED IN THE FIELD OR CAN BE ORDERED AS FACTORY INSTALLED
THERMAL TRANSFER	Simple ribbon loading featuring collapsible ribbon hub
STANDARD MEDIA CUTTER W/ TRAY	Maximum Thickness .010" (.254mm)
LIGHT DUTY CUTTER	Maximum Thickness .005" (.127mm)
INTERNAL REWIND	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)
EXTERNAL REWIND/UNWIND	12" (300mm) maximum OD capacity, 7.5" (237.5mm) wide
I/O EXPANSION CARD	Featuring 8MB Flash, general purpose I/O, time and date battery backup
PASSPORT	Portable keyboard/display terminal provides interface for stand-alone printing
LABEL PRESENT SENSOR	Used for on-demand label dispensing
NETWORK CONNECTIVITY	Internal Ethernet Adapter 10/100 mbps allows multiple users on various platforms to share the same printer
Hosts Supported:	• Novell NetWare • UNIX • Windows NT • LAN Manager • AppleTalk • DEC
Protocols Supported:	• IPX • TCP/IP • LPR • LAT • NetBIOS/NetBEUI
INTERNAL TWINAX/COAX INTERFACE	Supports printing from IBM® midrange or mainframe computers
FONT/FLASH EXPANSION	Features 4MB font memory and 4MB addressable Flash memory expansion
INTERNATIONAL LANGUAGE PRINT CAPABILITY	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

AGFA | Monotype



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