DMX-I-4308™ PRODUCT SPECIFICATIONS

The DMX-I-4308 printer, engineered with a precision-built printer mechanism and state-of-the-art electronics, is perfect for applications utilising very small labels, intricate graphics, or two-dimensional bar codes. The 300 dpi (12 dots/mm) printhead, coupled with the capability to accurately maintain critical print registration, enables the I-4308 to produce labels for applications such as small parts tracking and identification of wiring harnesses. The I-4308 is also an excellent product for generating intricate DataMatrix or PDF-417 bar code labels. The die-cast aluminium frame and metal cover provide a rugged, reliable platform that stands up to the harshest industrial environments.

With print speeds up to 8 inches per second (203mm/sec), the DMX-I-4308 won't keep you waiting for high-resolution labels. 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 precise registration, intricate graphics and high performance, there is just one choice – the **Datamax I-Class I-4308**. It's the industry's answer to your high-resolution printing needs.

DATAMAX®
I CLASS™

DMX-I-4308™ PRODUCT SPECIFICATIONS

DATAMAX®
I CLASS™

PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
PRINT SPEED	2" – 8" per second (51mm – 203mm) in .5" programmable increments
RESOLUTION	300 dpi (12 dots/mm)
BAR CODE MODULUS	5 mil to 110 mil "X" dimension in picket fence or ladder orientations
MAXIMUM PRINT WIDTH	4.16" (105.6mm)
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, QR Code, UCC/EAN Code 128, Postnet, Code 128 MOD 43, PDF 417, 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 115, 230 VAC 50/60 Hz; specify appropriate power cord when ordering
OPERATING TEMPERATURE	40°F to 95°F (4°C to 35°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
OPTIONS	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

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