

**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 utilizing 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 aluminum 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 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 Data-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.

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# DMX-I-4308™ PRODUCT SPECIFICATIONS



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| <b>PRINTER TYPE</b>                            | Direct Thermal, Optional Thermal Transfer  |
| <b>PRINT SPEED</b>                             | 2" – 8" per second (51mm – 203mm) in .5" programmable increments   |
| <b>RESOLUTION</b>                              | 300 dpi (12 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>                     | 4.16" (105.6mm)  |
| <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<br>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   |

