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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[®]
I CLASS[™]

Corporate Headquarters
4501 Parkway
Commerce Boulevard
Orlando, Florida USA 32808
(407) 578-8007
Fax (407) 578-8377
<http://www.datamaxcorp.com>

Datamax International
Herbert House
Elizabeth Way, Pinnacles
Harlow, Essex CM19 5FE UK
+44 1279 772200
Fax +44 1279 424448

Datamax Latin America
4501 Parkway
Commerce Boulevard
Orlando, Florida USA 32808
(407) 523-5520
Fax (407) 578-8377

Asia-Pacific Sales
19 Loyang Way
#01-01 CILC Building
Singapore 508724
+65 542-2611
Fax +65 542-3611

DMX-I-4206™ PRODUCT SPECIFICATIONS



PRINTER TYPE	Direct Thermal, Optional Thermal Transfer
PRINT SPEED	2" – 6" per second (51mm – 152mm)
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
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, Postnet, Code 128 MOD 43, PDF 417, UPS MaxiCode (mode 2 & 3), Datamatrix, Telepen
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	1MB Downloadable Flash Program Memory 8MB DRAM memory
INTERFACES	Centronics® Parallel port (IEEE 1284 compliant), RS232 at 300 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 50/60Hz; 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 W/ TRAY	Maximum Thickness .005" (.127mm)
REVOLVING MEDIA HUBS	Available in 1.5" and 3.0" options
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	8" (203mm) maximum OD capacity (full supply roll)
PASSPORT	Portable keyboard/display terminal provides interface for stand-alone printing
LABEL PRESENT SENSOR	Used for on-demand label dispensing
NETWORK CONNECTIVITY	Micro Print Server 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
ILPC FIRMWARE	International Language Print Capabilities firmware allows printing of non-English character sets in over 40 languages

