

I-Class printers are ideal for applications such as:

- Compliance Labeling
- Shipping & Receiving
- Product Identification
- Pharmacy Labeling
- Asset Tracking
- Inventory Control
- High Resolution Labeling



PRODUCT SPECIFICATIONS

I-CLASS

I-4208

I-4308

I-4212

I-4406

I-4604



The Datamax I-Class family of printers are the most comprehensive, cost-effective line of industrial thermal label printing products available in the marketplace today.

Engineered with quality and leading-edge technology, the foundation of this printer family is constructed upon a precision-crafted die-cast aluminum frame affording a durable yet lightweight modular design that increases the printer's reliability as well as its longevity. All models are equipped with a 32-bit processor with 8 or 16 MB of standard memory for accelerated formatting and fast first-label outputs.

With available printing resolutions up to 600 dots per inch and print speeds up to twelve inches per second, all printers in the I-Class family offer more standard ease-of-use features than any other printer in their class. These standard features include a front panel user interface with color-coded cues for operator control, an embossed loading diagram for media and ribbon, and a unique collapsible ribbon hub and wide-access print mechanism for effortless loading. Moreover, with its revolutionary modular design, most I-Class accessories and options are field installable, allowing the printer to grow with your changing business needs while increasing both the value and versatility of your technology investment.

The I-Class is ideal for a wide array of mission critical bar code labeling applications found in industries such as manufacturing, warehousing, and shipping. In fact, where intricate two-dimensional bar coding is required for compliance labeling, small parts tracking, or product identification, the I-Class has emerged as the printer of choice by large, multinational operations. Yet, its remarkably sophisticated design and the resulting ease-of-use makes the I-Class the printer of choice among facilities of all sizes in all parts of the world.

When it comes to reliability, simplicity, and performance there is just one choice—the Datamax I-Class family of printers. They are the most affordable, mission critical, industrial thermal printers available.





PRODUCT SPECIFICATIONS I-CLASS

	I-4208	I-4308	I-4212	I-4406	I-4604	
PRINT SPEED	8 IPS	8 IPS	12 IPS	6 IPS	4 IPS	
RESOLUTION	203 DPI	300 DPI	203 DPI	406 DPI	600 DPI	
PRINT WIDTH	4.10" (104 mm)	4.16" (105.7 mm)	4.10" (104 mm)	4.10" (104 mm)	4.16" (105.7mm)	
PRINT LENGTH*	0.25" - 99" (6.35mm - 2475.6mm)	0.25" - 99" (6.35mm - 2475.6mm)	0.25" - 99" (6.35mm - 2475.6mm)	0.25" - 84" (6.35mm - 2133.6mm)	0.25" - 55" (6.35mm - 1397.0mm)	
MEMORY	1MB Flash; 8MB SDRAM	2MB Flash; 16MB SDRAM	2MB Flash; 16MB SDRAM	2MB Flash; 16MB SDRAM	2MB Flash; 16MB SDRAM	
* Print length values	vary with printer configuration					
PRINTER TYPE Direct		Direct Thermal, Optional Thermal Transfer				
BAR CODE MODULIUS		mil to 150 mil (203 dpi); 3.3 mil to 150 mil (300 dpi); 2.5 mil to 150 mil (406 dpi); 1.6 mil to 150 mil (600 dpi) "X" dimension in cket fence or ladder orientations				

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PRINTER TYPE	Direct Thermal, Optional Thermal Transfer			
BAR CODE MODULUS	5 mil to 150 mil (203 dpi); 3.3 mil to 150 mil (300 dpi); 2.5 mil to 150 mil (406 dpi); 1.6 mil to 150 mil (600 dpi) "X" dimension in picket fence or ladder orientations			
MEDIA WIDTH	1" – 4.65" (25.4mm – 118.11mm)			
MEDIA TYPE	Roll-fed or fan-fold materials, die-cut or continuous labels; perforated or continuous tag/ticket stock			
MEDIA THICKNESS	.0025"0100" (.0635mm254mm)			
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	Standard 3" and 1.5" hubs, optional 40mm			
LABEL BACKFEED	For use with optional cutter			
RIBBONS	Industry standard ribbon widths; 1" (25mm) ribbon core, 1968' (600M) in length			
CABINET	Metal construction, clear side window to easily monitor media supply levels			
BAR CODES	Code 3 of 9, UPC-A, UPC-E, Interleaved 2 of 5, Code 128, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC 2 and 5 digit addendums, Code 93, Postnet, UCC/EAN Code 128, Telepen, UPS MaxiCode, FIM, PDF417, USD-8, Datamatrix, QR Code, Aztec, TLC 39, Micro PDF417			
RESIDENT FONTS	Ten alphanumeric fonts from .035" (.89mm) to .64" (16.26mm) including OCR-A, OCR-B, CG Triumvirate™, CG Triumvirate Bold Condensed™ scalable font from AGFA®.			
DOWNLOADABLE FONT TYPES	True-Type, AGFA [®] Intellifont™, Bitmap			
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 SUPPORTED	.PCX, .BMP and .IMG files			
REVERSE FIELDS/MIRROR IMAGE	Any font or graphic field can be printed as a normal or reverse image			
INTERFACES	Centronics® Parallel port, IEEE 1284 compliant and RS232 at 2,400 to 38,400 BPS; optional Ethernet, USB, and Twinax/Coax			
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 − 204 VAC @ 47 − 63 Hz; specify appropriate power cord when ordering			
OPERATING TEMPERATURE	32°F to 100°F (0°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			

DATAMAX I-CLASS OPTIONS:



- THERMAL TRANSFER
- LIGHT DUTY CUTTER
- STANDARD CUTTER • INTERNAL REWIND
- LABEL PRESENT SENSOR
- PEEL AND PRESENT
- FONT EXPANSION CARD
- ILPC CG TIMES™ FIRMWARE
- I/O EXPANSION CARD
- LINEAR SCANNER

- DMXNet ETHERNET CONNECTIVITY
- USB INTERFACE
- RS-422 INTERFACE*
- TWINAX / COAX INTERFACE
- HANGUL, SIMPLIFIED CHINESE, AND KANJI FONT SUPPORT

^{*} Not available for the I-4208