

[I-4210](#)

[I-4308](#)

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Datamax I-Class printers are the most comprehensive, cost-effective line of industrial thermal label printing products available in the marketplace today. Now the I-Class RFID (Radio Frequency IDentification) printer provides the capability to read and write data and print labels that incorporate an embedded radio frequency identification (RFID) transponder into smart labels. These transponders contain integrated circuits that can be read, programmed, and re-programmed throughout a defined life cycle without adhering to the line-of-sight or glare limitations of traditional bar coding.

Revolutionary RFID technology enables users to change and update data repeatedly throughout the life of the smart label. RFID also provides reliable data transmission by reducing reliance on human intervention in most processes virtually eliminating data-entry errors. The simple and inspired I-Class RFID printer from Datamax facilitates the evolution from simple bar coding to more advanced data capture and tracking methodologies. RFID used in conjunction with human readable text or machine readable bar codes will enable real-time visibility within many different applications, transforming processes, increasing efficiencies and reducing the threat of erroneous delivery or counterfeit goods. Extra data provided by RFID technology revolutionizes automatic identification and data collection (AIDC) processes, progressing from step by step updates to streaming, real time data management.



Engineered with quality and leading edge technology, the foundation of the I-Class 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. The I-Class is ideal for a wide array of mission critical bar coding and RFID applications found in industries such as manufacturing, warehousing, and shipping. The remarkably sophisticated design and resulting ease-of-use makes the I-Class RFID printer the optimal 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 RFID printers. Now capable of printing and encoding simultaneously, they are the most affordable, mission critical, innovative thermal printers available.

The I-Class RFID Solution from Datamax is ideal for many applications:

- Logistics Management
- Baggage Tags
- Retail/Apparel
- Inventory Control
- Library Systems
- Asset/People Tracking
- Anti-Theft



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	I-4210rfid	I-4308rfid	I-4212rfid	I-4406rfid	I-4604rfid
<i>All I-Class rfid printers support both Texas Instruments Tag-IT and Philips I-Code transponders</i>					
<b>PRINT SPEED</b>	10 IPS	8 IPS	12 IPS	6 IPS	4 IPS
<b>RESOLUTION</b>	203 DPI	300 DPI	203 DPI	406 DPI	600 DPI
<b>PRINT WIDTH</b>	4.10" (104 mm)	4.16" (105.7 mm)	4.10" (104 mm)	4.10" (104 mm)	4.16" (105.7mm)
<b>PRINT LENGTH*</b>	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)
<b>MEMORY</b>	2MB Flash; 16MB SDRAM	2MB Flash; 16MB SDRAM	2MB Flash; 16MB SDRAM	2MB Flash; 16MB SDRAM	2MB Flash; 16MB SDRAM

<b>PRINTER TYPE</b>	Direct Thermal, Optional Thermal Transfer
<b>BAR CODE MODULUS</b>	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
<b>MEDIA WIDTH</b>	1" – 4.65" (25.4mm – 118.11mm)
<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>	Standard 3" and 1.5" hubs, optional 40mm
<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, clear side window to easily monitor media supply levels
<b>BAR CODES</b>	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
<b>RESIDENT FONTS</b>	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®.
<b>DOWNLOADABLE FONT TYPES</b>	True-Type, AGFA® Intellifont™, Bitmap
<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 SUPPORTED</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>INTERFACES</b>	Centronics® Parallel port, IEEE 1284 compliant and RS232 at 2,400 to 38,400 BPS; optional Ethernet, USB, and Twinax/Coax
<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 90 – 204 VAC @ 47 – 63 Hz; specify appropriate power cord when ordering
<b>OPERATING TEMPERATURE</b>	32°F to 100°F (0°C to 38°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

**DATAMAX I-CLASS OPTIONS:**

- THERMAL TRANSFER
- PEEL AND PRESENT
- DMXNet ETHERNET CONNECTIVITY
- LIGHT DUTY CUTTER
- FONT EXPANSION CARD
- USB INTERFACE
- STANDARD CUTTER
- ILPC - CG TIMES™ FIRMWARE
- RS-422 INTERFACE\*
- INTERNAL REWIND
- I/O EXPANSION CARD
- TWINAX / COAX INTERFACE
- LABEL PRESENT SENSOR
- HANGUL, SIMPLIFIED CHINESE, AND KANJI FONT SUPPORT

\* Not available for the I-4208



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