PRODUCT SPECIFICATIONS

H-CLASS



- H-4212X
- H-4310X

The Datamax H-Class family of printers revolutionizes thermal and RFID label printing. Providing outstanding performance, sound durability, and accurate print quality, the H-Class family is the most flexible labeling solution offered in the industry today. Designed for high-volume, mission-critical, and specialty labeling applications, the H-Class features a patented cast metal modular construction that combines rugged strength with easy expandability to allow the printer to grow as your labeling needs grow. Other standard features include an intuitive user interface, multiple connectivity methods, host device ports, and megabytes of memory and heavy-duty processing power for fast first label times and quick throughputs.

Your return on investment is also ensured with our proprietary IntelliSEAQ™ technology, which monitors hardware performance to maximize print head service life. While robust enough for demanding manufacturing, shipping, and processing environments, yet precise enough for high-resolution graphics and small electronic labeling applications, the innovative H-Class family moves you into a new era of automatic identification.

H-CLASS PRINTERS

are ideal for applications such as:

- Compliance Labeling
- Shipping & Receiving
- Product Identification
- Inventory Control
- Asset Tracking
- Manufacturing

- A direct-powered eight-inch internal rewinder option allows the winding of complete label rolls with backing.
- A large graphic display provides optimum viewing and control of all printer functions.
- A high-speed 32 bit / 200 MHz multi-tasking processor decreases processing times to increase data throughput.
- Standard 16MB DRAM and 8MB FLASH memory assures the space needed for seamless processing of the most demanding applications.
- Standard Ethernet, USB, Parallel and Serial interfaces ensure easy host connectivity across multiple platforms.
- Standard SDIO and USB Host device ports provide support for additional memory and application versatility.

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PRODUCT SPECIFICATIONS

H-CLASS

	H-4212X	H-4310X
PRINT SPEED	12 IPS	10 IPS
RESOLUTION	203 DPI	300 DPI
PRINT WIDTH	4.10" (104 mm)	4.16" (105.7 mm)
PRINT LENGTH*	0.25" – 99" (6.35mm – 2475.6mm)	0.25" – 99" (6.35mm – 2475.6mm)
MEMORY	8MB Flash; 16MB SDRAM	8MB Flash; 16MB SDRAM

** Print length values vary with printer configuration*

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) "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" (.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 3" (76mm) core. Fan-fold stock accepted from rear and bottom of printer
REVOLVING MEDIA HUB	Standard 3"
LABEL BACKFEED	For use with optional Cutter and Peel & Present
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
FRONT PANEL DISPLAY	240X320 pixel graphic display with back light, providing EFIGS and user defined language support including Unicode characters
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, RSS
RESIDENT FONTS	Nine alphanumeric fonts from .08" (2mm) to .25" (6mm) including OCR-A, OCR-B, and ten CG Triumvirate(tm) smooth fonts from AGFA®. All are expandable 24x.
DOWNLOADABLE FONT TYPES	True-Type and Bitmap
CHARACTER SET	Modified IBM® Code Page 850; includes characters for English and most European, Scandinavian and Spanish speaking countries. Scalable fonts can be used with over 50 resident character sets.
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, .IMG, and Datamax ASCII Format files
REVERSE FIELDS/MIRROR IMAGE	Any font or graphic field can be printed as a normal or reverse image
REAL TIME CLOCK	Printer stores time and date with battery backup; Time stamp at print capability
INTERFACES	Centronics® Parallel port (IEEE 1284 compliant); RS232/422 (2,400 to 38,400 BPS); Ethernet; USB
USB HOST PORTS	Two USB Host Ports for connection of USB peripherals
SDIO INTERFACE	The Secure Digital Input Output (SDIO) Card Slot accepts SDIO Flash Memory Cards for additional storage of label formats, templates, fonts, and graphics.
WINDOWS® DRIVER	Provides printer interface to virtually any Windows®-based program. Included on Datamax Accessories CD, or via our web site at www.datamaxcorp.com
POWER SOURCE	Auto-sensing 90 – 132 or 180 - 264 VAC @ 47 – 63 Hz, auto-ranging; specify appropriate power cord when ordering
OPERATING TEMPERATURE	32°F to 100°F (0°C to 38°C)
DIMENSION	16.37" H x 12.51" W x 18.83" D (415.8mm H x 317.8mm W x 478.3mm D)
WEIGHT	46.6 lbs., 21.1Kg

DATAMAX H-CLASS OPTIONS:

- THERMAL TRANSFER
- STANDARD PEEL AND PRESENT
- HEAVY DUTY PEEL AND PRESENT
- STANDARD CUTTER
- WIRELESS ETHERNET CONNECTIVITY
- SELF-POWERED INTERNAL REWIND
- MCL ENABLED
- LABEL PRESENT SENSOR
- LINEAR SCANNER
- RFID
- GPIO INTERFACE
- ILPC - CG TIMES™ FONT
- HANGUL, SIMPLIFIED CHINESE, AND KANJI FONT SUPPORT



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Rev. 3/06

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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

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Label printers



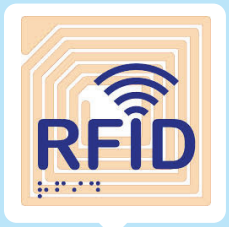
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

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