

PRODUCT SPECIFICATIONS

H-CLASS



H-CLASS PRINTERS OFFER:

- **Superior Performance**

Up to twice as fast in total throughput

- **Lowest Total Cost of Ownership**

Modular design minimizes service down time while increasing user productivity

- **Rugged and Reliable**

Only gear driven industrial printer giving you 24 x 7 mission critical service

- **Unprecedented ease of use**

Largest graphics display makes menu navigation flawless

- H-4212 ■ H-4310 ■ H-4408 ■ H-4606 ■ H-6210 ■ H-6308
- H-4212X ■ H-4310X ■ H-4606X ■ H-6212X ■ H-6310X ■ H-8308X

The Datamax H-Class family is the most advanced and feature-rich printer solution designed for today's dynamic enterprise applications. H-Class printers provide throughput that is up to twice as fast as other printers in its class, and its gear-driven design provides rugged and reliable performance for 24x7 mission critical service. Modular construction increases up-time for the highest levels of user productivity, and the industry's largest graphical display provides an easy-to-read view for quick navigation and printer notifications.

- **Reduced total cost of ownership** with an easy to maintain modular design
- **Heavy duty components** to support 24 x 7 mission critical applications
- **High-performance** 32 bit/ 200MHz multi-tasking processor for maximum print throughput for the most demanding applications
- **Rugged and reliable** solid cast metal chassis for challenging environments
- **Flexible connectivity** with largest range of interfaces
- **Designed for any level user** to navigate the large graphic display for optimum viewing and control of all printer functions
- **Superior Batch Printing** using a direct powered internal rewinder for complete eight-inch label rolls with backing



www.datamaxcorp.com



CORPORATE HEADQUARTERS

4501 Parkway Commerce Blvd.
Orlando, Florida USA 32808
Phone (407) 578-8007
Fax (407) 578-8377
customer care@datamaxcorp.com

DATAMAX LABELS AND RIBBONS

Phone (800) 321-2233
Fax (800) 436-8920
dmxmedia@datamaxcorp.com

DATAMAX LATIN AMERICA

Phone (407) 523-5520
Fax (407) 578-8377
tdelgado@datamaxcorp.com

DATAMAX INTERNATIONAL

Phone +44 1279 772200
Fax +44 1279 424448
rbyrne@datamaxcorp.com

DATAMAX ASIA-PACIFIC REPRESENTATIVE OFFICE

Phone +65-6542-2611
Fax +65-6542-3611
datamax@pacific.net.sg

DATAMAX CHINA REPRESENTATIVE OFFICE

Phone +86 10 6496931
datamax_cn@china.com

PRODUCT SPECIFICATIONS

H-CLASS

	H-4212/H-4408	H-4310/ H-4606	H-6210	H-6308	H-4212X	H-4310X/H-4606X	H-6212X	H-6310X	H-8308X
PRINT SPEED	12/8 IPS	10/6 IPS	10 IPS	8 IPS	12 IPS	10/6 IPS	12 IPS	10 IPS	8 IPS
RESOLUTION	203/406 DPI	300/600 DPI	200 DPI	300 DPI	200 DPI	300/600 DPI	200 DPI	300 DPI	300 DPI
PRINT WIDTH	4.09" (103.9 mm)	4.16" (105.7 mm)	6.61" (167.9 mm)	6.40" (162.6 mm)	4.09" (103.9 mm)	4.16" (105.7 mm)	6.61" (167.9 mm)	6.40" (162.6 mm)	8.52" (216.4 mm)
WEIGHT	40lbs (18.2kg)	40lbs (18.2kg)	47lbs (21.4kg)	47lbs (21.4kg)	47lbs (21.4kg)	47lbs (21.4kg)	53lbs (24.1kg)	53lbs (24.1kg)	59lbs (26.8kg)
DIMENSIONS	13.0" h x 12.6" w x 18.9" d (330h x 321w x 480d)	13.0" h x 12.6" w x 18.9" d (330h x 321w x 480d)	13.0" h x 15.0" w x 18.9" d (330h x 381w x 480d)	13.0" h x 15.0" w x 18.9" d (330h x 381w x 480d)	16.4" h x 12.6" w x 19.3" d (415h x 321w x 489d)	16.4" h x 12.6" w x 19.3" d (415h x 321w x 489d)	16.4" h x 15.0" w x 19.3" d (415h x 381w x 489d)	16.4" h x 15.0" w x 19.3" d (415h x 381w x 489d)	16.4" h x 17.0" w x 19.3" d (415h x 433w x 489d)

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	4" Printers: 1" – 4.65" (25.4mm – 118.11mm); 6" Printers: 1" – 6.70" (25.4mm – 170mm); 8" Printers: 1" – 9.0" (25.4mm – 229mm)
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)
PRINT LENGTH	.025" – 99" (6.35mm – 2475.6mm) * <i>Print length values vary with printer configuration</i>
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	128X64; ("X" Models: 240X320) 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	ILPC CG-Times, 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	UTF8 (Unicode Standards 4.0 / 5.0) with access to entire Unicode 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
MEMORY	8MB Flash; 16MB SDRAM
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)

DATAMAX H-CLASS OPTIONS:

- THERMAL TRANSFER
- BASIC PEEL AND PRESENT
- HEAVY DUTY PEEL AND PRESENT
- CUTTER
- WIRELESS ETHERNET CONNECTIVITY
- INTERNAL REWIND (*non "X" models*)
- SELF-POWERED INTERNAL REWIND ("*X" models*")
- LARGE DISPLAY (*non "X" models*)
- SDIO/USB HOST INTERFACE (*non "X" models*)
- MCL ENABLED
- LABEL PRESENT SENSOR
- LINEAR SCANNER
- RFID - (UHF & HF)
- RFID READY - (UHF only)
- GPIO INTERFACE
- HANGUL, SIMPLIFIED CHINESE, AND KANJI FONT SUPPORT

Built to international safety standards and meets FCC & CE requirements. This data sheet is for informational purposes only. DATAMAX MAKES NO WARRANTIES, EXPRESSED OR IMPLIED IN THIS SUMMARY. Specifications are subject to change without notice. All trademarks are the property of their respective owners. ©2007 DATAMAX BAR CODE PRODUCTS CORPORATION. All rights reserved. Datamax is an ISO 9001 registered company.

Rev. 6/07

DATAMAX®
A DOVER COMPANY

www.datamaxcorp.com



www.logiscenter.com
902 050 030



www.logiscenter.it
02 479 216 97



www.logiscenter.de
info@logiscenter.de



www.logiscenter.pt
308 800 842

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

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

Largest stock. We have a permanent stock of more than 12,000 products.

Same-day shipping. For all orders placed and confirmed before 16:00 on working days.

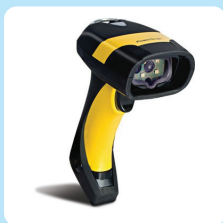
Best prices. With Logiscenter, you can be sure that you are paying a fair price for your products we will not overcharge you.

Easy returns. Damaged or defective products can be returned easily, for an exchange or reimbursement.

Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



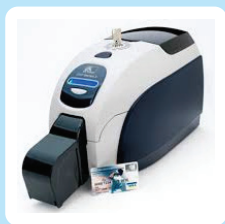
Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

Our Brands



MOTOROLA



Intermec®

Honeywell®

DATALOGIC™



datamax • o'neil

Metrologic

LXE

EPSON®

elo

star

unitech

PRINTRONIX

symbol®



All Brands
Technical Service