DATAMAX® I-4308 Direct Thermal/Thermal Transfer Label Printer

Applications

- Electronic labeling
- High-resolution graphics
- Two-dimensional bar codes

Standard Features

- 300 dpi print resolution
- Thermal transfer and direct thermal printing of bar codes, text, and graphics on demand and batch printing
- Thin film printhead with Sequential Energy Adjustment for Quality (SEAQ)
- Datamax Programming Language (DPL)
- 32-bit multi-tasking processor
- 16MB RAM memory, 2MB Flash downloadable program memory
- Serial RS-232 port, IEEE 1284 compliant bi-directional parallel ports
- Gap, notch and reflective top of form media sensing
- Five-button, two-line, 20-character back-lit Liquid Crystal Display (LCD)
- Configuration settings via front panel menu
- Menus in English, French, Italian, German, and Spanish
- Configuration label makes set-up easy to understand
- Die-cast aluminum frame
- Simple ribbon and media loading
- Clear window in media cover makes it easy to view supplies
- Media tear bar
- Fan-fold media handling from bottom or rear of printer
- Datamax printer driver for Windows® 3.1, Windows® 95/98, and Windows NT® operating systems

NEW! Product

PART #	DESCRIPTION	EST. SHIP WEIGHT	SUGGESTED LIST PRICE
64883	I-4308 Direct Thermal Label Printer, 115/230 VAC	50 lb	$1,995.00

OPTIONS/ACCESSORIES

PART #	DESCRIPTION		SUGGESTED LIST PRICE
64884	Thermal transfer upgrade kit		100.00
53909	Peel mechanism and present sensor		195.00
53911	Internal rewinder		200.00
53910	Present sensor only option		95.00
53913	Font/Flash Expansion PCB without fonts, includes 4MB addressable flash memory storage		195.00
64888	ILPC Font Kit - CG Times plus Flash/Font PCB		485.00
64889	Kanji Font Kit - includes Flash/Font Expansion PCB		195.00
64890	Simplified Chinese Font Kit - includes Flash/Font Expansion PCB		195.00
53914	Twinax interface kit		1,295.00
53915	Coax interface kit		1,295.00
64908	DMX-100 internal ethernet interface kit		495.00
64892	RS-422 interface option		95.00
53918	Standard cutter kit for 10 mil stock		795.00
53921	Light-duty cutter, designed for 5 mil stock		595.00
64895	Media tray for cutter		90.00
64786	Wireless transmitter receiver for printers, 2.46 GHz, includes RS-232 cable, power supply & software (requires a set of two or more)		495.00
64898	Additional programmers manual		50.00
64896	Additional maintenance manual		95.00
37107	Windows® driver		40.00

DATAMAX I-4308 SPECIFICATIONS

PRINT CHARACTERISTICS
Resolution: 300 dpi print resolution (11.8 dots/mm)
Nominal Print Head Dot Size: 0.0027" W x 0.0043" L (0.07 x .11 mm)
Print Speeds: programmable from 2" (51 mm)/sec through 8" (203mm)/sec in 1/2" (12mm) increments
Print Length Range: 0.25" to 99.99" programmable
Maximum print width: 4.16" (105.6mm)
Maximum label length: 99.99" (2.54m)

MEDIA SPECIFICATIONS
Maximum media width (label plus liner): 4.65" (118mm)
Media Width Range: 1" to 4.65" (25 to 118mm)
Media Core ID Range: 1.5" (38mm) - 3.0" (76.2mm)
Minimum label length:
Tear Off Mode: 0.25" (6.35mm)
Peel Mode: 1" (25mm)
Rewind mode: 0.25" (6.35mm)
Cutter mode: 1" (25mm)
Media Thickness (label& liner): 0.0025" to 0.010" (0.06 to 0.25mm)
Maximum Full-Width Media Thickness For Cutter: 0.010" (0.25mm)
Maximum Media Roll Size: 8.0" (203mm)
Fan Fold Media: Loads through rear of printer

Gap and Notch Sensing Standards:
Interlabel Gap: 2 to 4mm, 3mm standard
Sensing Notch: 0.25" W x 0.12" L (6 x 3mm)
Sensing hole: 0.125" (3mm) diameter
Black Mark on Back of Label: minimum length of 2mm (0.08") L and 12mm (0.47") W

RIBBON
Ribbon width range: 1" (25m) to 4.5" (1 14mm)
Standard ribbon lengths: 300m (984'), 450m (1476') & 600m, (1969') Standard ribbon wound coated side in, optional field installable thermal transfer mechanism supports ribbons wound coated side out.

INTERFACING
One EIA RS-232/DB-25 serial connector. 2400, 4800, 9600, 19.2K and 38.4K baud supported. One IEEE 1284 Compliant Parallel interface port. One internal connector for use with an external media cutter and present sensor. Optional Internal Ethernet Adaptor supporting 10/100 mbps transfer rate with 10-Base T-connector.

INTERNAL FONT SETS
9-bit-mapped fonts, rotatable 0°, 90° 180°, and 270°
CG-Triumvirate™ Scalable Font

CG Triumvirate™ Condensed Bold Scalable Font

BAR CODES
Codes: Code 39 (used to produce industry standards such as AIAG, HIBC, LOGMARS), Interleaved 2 of 5, Code 128 (Subsets A,B,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, Plessey, Universal Shipping Container Symbology, Code 128 MOD 43, Postnet, USS/EAN-128 random weight, Telepen, UPS MaxiCode, PDF417, Datamatrix, EAN 128 support (with function character support, ITF support

ELECTRICAL
90-132 or 180-264 VAC @ 47-63 Hz, auto ranging.
Power Consumption: typical operating: 90 Watts
Standby: 10 watts

APPROVALS
Built to UL, CSA safety standards, FCC Class A emissions standard, CE mark

WARRANTY
Three year limited warranty on parts. One year or 1 million linear inches on original printhead. 90 days on replacement printhead.