



STANDARD FEATURES

- Peel and present
- Thermal transfer
- Nine bitmapped fonts
- Scalable engine
- Revolving media hub
- Media window
- 16MB RAM (optional)
- 8MB flash ROM
- Options easily field installed
- Datamax-O'Neil CD-ROM (contains Windows® print drivers and manuals)
- MCL Enabled
- Optional R series RFID and RFID ready printers
- Real time clock
- Secure digital input (SDID) card slot-SDID flash memory card

APPROVALS



SPECIFICATIONS

Print Speed:

H-4310(x): 2 in to 10 in per second
 H-4212(x): 2 in to 12 in per second
 (50.8 to 304.8 mm) in 0.5 in (0.01 mm)
 programmable increments

Resolution:

H-4212x-200 DPI
 H-4310x-300 DPI

Maximum Print Width/Length:

Width: 4.10 in (H-4212x) 4.16 in (H-4310x);
 Length: 0.25 in to 99 in (6 to 2475 mm) 0.75 in
 (19 mm) minimum print length with optional
 present sensor

Media Width:

1 in to 4.65 in (25 mm to 118 mm)

Supply Roll:

8 in (203 mm) maximum diameter on 3 in
 (76 mm) core. Fan-fold stock accepted
 from rear & bottom of printer

Ribbons:

Industry standard ribbon widths;
 1 in (25 mm) ribbon core, 1968 ft (600 m)
 in length

MCL:

Macro Command Language allows printer
 to control the printing application

Dimensions:

H-4212: 13.0 H x 12.6 W x 18.9 in D
 H-4310: 16.37 H x 12.51 W x 18.83 in D
 RFID printers
 (Contact Rice Lake)
 CABINET: Metal construction, clear side window

Bar Codes:

Code 3 of 9, Interleaved 2 of 5, Code 128,
 Codabar, UPC-A, UPC-E, UPC 2 & 5 digit
 addendums, EAN-8, EAN-13, EAN 2 & 5 digit
 addendums, Code 93, Plessey, UCC/EAN
 Code 128, Postnet, PDF 417, UPS MaxiCode,
 Datamatrix, FIM, Telepen, HIBC, Aztec, TLC39,
 QR Code, PDF417, USD-8, Micro PDF41, 7,
 RSS, USPS-4

Graphics Support:

.PCX, .BMP and .IMG files

Memory:

8MB Flash Memory; 16MB DRAM memory

Interfaces:

Centronics® Parallel port (IEEE 1284 compliant),
 RS232/422 at 2,400 to 38,400 BPS Ethernet, USB

Power Source:

Auto-sensing 115, 230VAC 50/60 Hz; specify
 appropriate power cord when ordering

Operating Temperature:

32°F to 100°F (0°C to 38°C)

Approvals:

UL listed, CSA certified, CE marked, FCC Class A
 emissions standard, TUV-GS safety standards, RoHS
 and WEE compliant

Weight:

47 lb

Warranty:

One-year limited warranty on parts. One-year or 1
 million linear inches on original print head. 90 days on
 replacement print head.

Datamax-O'Neil® H-4212 / H-4310 Direct Thermal/Thermal Transfer Label Printer

PART NUMBER/PRICE

PART #	DESCRIPTION	WEIGHT	PRICE
H-4212			
96885	Label Printer, H-4212X, Direct/Thermal transfer, internal rewind 203 DPI	47 lb	Consult
H-4310			
96886	Label Printer, H-4310X, Direct/Thermal transfer, internal rewind 300 DPI	54 lb	Consult

OPTIONS/ACCESSORIES

PART #	DESCRIPTION	PRICE
96940	Metal thermal transfer option (coated side in/out)	Consult
96941	HD peel mechanism and present sensor (requires interval rewinder)	Consult
96942	Basic peel & present sensor (requires internal rewinder)	Consult
96943	Powered internal rewinder, full roll	Consult
96952	Present sensor only option	Consult
96954	Internal ILPC font kit-CG Times	Consult
96955	DMXrfNet Internal 802.11b WiFi card	Consult
68517	External rewinder/unrewinder DMX	Consult
96956	Standard cutter kit for 10 mil stock	Consult
53913	Expansion board 8 MB flash	Consult
64889	I/O expansion Kanji	Consult
Label Stock/Ribbon		
21776	Direct thermal, 3 in W x 3 in L, 8 in diameter with perf., 2000/roll	Consult
150921	Direct thermal, 4 in W x 6 in L, 6 in diameter with perf., 460/roll	Consult
25975	Direct thermal, 4.25 in W x 2.5 in L, 6 in diameter with perf., 1095/roll	Consult
21785	Thermal transfer, 2 in W x 1 in L, 8 in diameter, 5500/roll	Consult
21788	Thermal transfer, 4 in W x 6 in L, 8 in diameter, 1000/roll	Consult
20573	Thermal transfer, 4 in W x 6.5 in L, 8 in diameter, 900/roll	Consult
126629	Thermal kit, (4) 4 in labels, (2) 4 in ribbons and 1 cleaning card	Consult
40785	Ribbon (black), 2.5 in, 1,181 feet wax	Consult
34056	Ribbon (black), 4 in, 1,181 feet wax	Consult
Print Head		
96957	Print head 203 DPI (H-4212x)	Consult
96958	Print head 300 DPI (H-4310x)	Consult
Cables		
15547	Blunt end, 25-Pin D-sub male RS-232 serial interface cable (Rice Lake indicators)	Consult
37527	6 ft parallel cable	Consult
41502	PC to printer DB9 AT-style interface cable	Consult
79074	USB cable 6 ft	Consult

Note: The following models are available by special order:

- H-6210= 6 in wide, 203 DPI
- H-6308= 6 in wide, 300 DPI
- H-4408= 4 in wide, 400 DPI
- H-4606= 4 in wide, 600 DPI

DATAMAX-O'NEIL