

Honeywell H-4212 / H-4310

Direct Thermal/Thermal Transfer Label Printer



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 mm 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 and bottom
 of printer

Ribbons:

Industry standard ribbon widths; 1 in (25 mm)
 ribbon core, 1,968 ft (600 m) in length

MCL:

Macro Command Language allows printer to control
 the printing application

Dimensions:

H-4212: (H x W x D): 13.0 x 12.6 x 18.9 in
 H-4310: (H x W x D): 16.37 x 12.51 x 18.83 in
 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 and 5 digit
 addendums, EAN-8, EAN-13, EAN 2 and 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:

8 MB Flash Memory; 16 MB DRAM memory

Interfaces:

Centronics® parallel port (IEEE 1284 compliant),
 RS232/422 (DB-9F) at 2400 to 38400 BPS
 Ethernet, USB

Power Source:

Auto-sensing 115, 230 VAC 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.

Standard Features

- Peel and present
- Thermal transfer
- Nine bitmapped fonts
- Scalable engine
- Revolving media hub
- 16 MB RAM (optional)
- Media window
- 8 MB flash RAM
- Options easily field-installed
- Honeywell 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



Honeywell H-4212 / H-4310

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Part Number/Price

Part #	Description	Est. 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
96955	Honeywell rfNet Internal 802.11b Wi-Fi card	Consult
68517	External rewinder/unrewinder DMX	Consult
96956	Standard cutter kit for 10 mil stock	Consult
53913	Expansion board 8 MB flash	Consult
Label Stock/Ribbon (W x L)		
21776	Direct thermal, 3 x 3 in, 8 in diameter with perf., 2,000/roll	Consult/roll
150921	Direct thermal, 4 x 6 in, 6 in diameter with perf., 460/roll	Consult/roll
25975	Direct thermal, 4.25 x 2.5 in, 6 in diameter with perf., 1,095/roll	Consult/roll
21785	Thermal transfer, 2 x 1 in, 8 in diameter, 5,500/roll	Consult/roll
21788	Thermal transfer, 4 x 6 in, 8 in diameter, 1,000/roll	Consult/roll
20573	Thermal transfer, 4 x 6.5 in, 8 in diameter, 900/roll	Consult/roll
126629	Thermal kit, (4) 4 in labels, (2) 4 in ribbons and 1 cleaning card	Consult
34056	Ribbon (black), 4 in, 1,181 ft wax	Consult/roll
Print Head		
96957	Print head 203 dpi (H-4212x)	Consult
Cables		
15547	Blunt end, 25-Pin D-sub male RS-232 serial interface cable (Rice Lake indicators)	Consult
41502	PC to printer DB9 AT-style interface cable	Consult
79074	USB-A (male) to USB-B (male) cable, 6 ft	Consult
64794	RS-232 DB9FM/M null modem	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