

# Honeywell H-4212 / H-4310

Direct Thermal/Thermal Transfer Label Printer



## Standard Features

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



## 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 at 2400 BPS 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 emis-  
 sions 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.

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## Part Number/Price

Part #	Description	Est. Weight	Price
<b>H-4212</b>			
96885	Label printer, H-4212X, direct/thermal transfer, internal rewind 203 dpi	47 lb	Consult
<b>H-4310</b>			
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 internal rewinder)	Consult
96942	Basic peel and 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	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
64889	I/O expansion Kanji	Consult
<b>Label Stock/Ribbon (W x L)</b>		
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
<b>Print Head</b>		
96957	Print head 203 dpi (H-4212x)	Consult
96958	Print head 300 dpi (H-4310x)	Consult
<b>Cables</b>		
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