

## H-8308p™

### High-Performance PCL Industrial Printer

The H-8308p™ printer was engineered for wide-width label/thermal printing customers, who are looking for a high-quality printer that is easy to integrate, user friendly and designed to reduce printing costs. The H-8308p delivers the power of the PCL print language, LINUX® operating system and Managed Print Service (MPS) support - to create a laser replacement thermal printer. Increasing your label options and improving your productivity while reducing cost - that's the mission of the H-8308p.

The H-8308p is a rugged and versatile printer that offers rich solutions for dynamic enterprise applications, and is extremely fast. It's intuitive color touchscreen makes set up and performance enhancements as simple as 1-2-3.

The H-8308p is ideal for high-volume label printing in pharmaceuticals, manufacturing, warehouse, transportation and high-resolution labeling. The high-quality features, performance and rugged reliability make the H-8308p a great value in the premium-printer class.

Thermal printing saves money on energy bills. It is four to five times more energy efficient than laser. Faster print time makes your operation more efficient. Contact us to find out more about the ROI of thermal printing.



*The Performance Series offers PCL, a globally adopted standard/laser-compatible printer language that allows easy integration into SAP® and other network environments.*

## FEATURES & BENEFITS



Touch screen display with an intuitive menu flow making the user interface and navigation seamless.



Die-cast frame and metal covers designed specifically for harsh work environments.



High-resolution printhead with better text, images and barcodes at a 203-dpi printhead price.



Reduce operating costs with seamless integration of true PCL5 & PCL6 devices.



MPS thermal printer can monitor labels and ribbon stock by percentage with public and private MIB.

# Technical Specifications

## PHYSICAL CHARACTERISTIC

### Dimensions (HxWxD):

**101.6 mm (4 in) standard:** 330 x 321 x 480mm  
(13.0 x 12.6 x 18.9 in)

**101.6 mm (4 in) X series:** 415 x 321 x 489 mm  
(16.4 x 12.6 x 19.3 in)

**152.4 mm (6 in) standard:** 330 x 381 x 480mm  
(13.0 x 15.0 x 18.9 in)

**152.4 mm (6 in) X series:** 415 x 381 x 489mm  
(16.4x 15.0x 19.3 in)

**203.2 mm (8 in) X series:** 415 x 433 x 489mm  
(16.4 x 17.0 x 19.3 in)

**Weight:** 18.2 kg (40 lbs); 21.4 kg (47 lbs); 24.1 kg (53 lbs); 26.8 kg (59 lbs)

**Clock:** On-board, real-time clock,  
64 MB of Flash and 64 MB of SDRAM

Large 320 x 240 color touchscreen display

**Construction:** Die-cast aluminum frame with metal cover, clear side window to easily monitor media supply levels

## USER ENVIRONMENT

**Operating Temperature:** 0°C to 38°C  
(32°F to 100°F)

**Storage Temperature:** -17°C to 60°C  
(0°F to 140°F)

**Humidity:** 10% - 95% non-condensing

## PRINT TECHNOLOGY

**Printer Type:** Direct thermal, optional thermal transfer

**Print Length Range:** (6 mm (0.25 in) to 2539.75 mm (100 in)

**Print Speed:** 203 mm/s (8 ips)

*Values vary with printer configuration*

## POWER SOURCE

**Electric:** Auto-sensing 90-132 or 180-264  
VAC @ 47-63Hz

## COMMUNICATION

**Communication Ports (Standard):** USB 2.0 Device, 10/100 Base-T Ethernet, 2 USB Host connections

**Communication Ports (Optional):** Applicator GP I/O & Serial (RS-232C)

**Security Protocols:**

	WEP	WPA	WPA2
<b>Modes</b>		PSK/Enterprise	
<b>Security/Encryption</b>	64/128	TKIP/RC4	CCMP/AES
<b>Authentication</b>	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP, IPv4		

## MEDIA

### Media Type:

Roll-fed: 203.2 mm (8.0 in) max O.D. on a 76.2mm (3.0 in) core

Fan-fold stock: accepted from rear and bottom of printer

Die-cut or continuous labels

Perforated or continuous tag/ticket stock

### Media Width Range:

203.2 mm (8 in) models: 76.2 mm (3.0 in) to 228.9 mm (9.0 in)

Print width is 76.2 mm (3.0 in) to 216.4 mm (8.5 in)

### Minimum Media Length:

Tear-off and rewind modes: 6.35 mm (0.25 in)

Peel and cutter modes: 25.4 mm (1.0 in)

**Media Thickness Range:** 0.0635 mm (0.0025 in) to 0.254 mm (0.01 in)

**Media Sensing:** "See through" for liner-backed die-cut labels and tags; Reflective sensor for black -mark label media

**Label Backfeed:** For use with optional cutter and peel-and-present

### Ribbon Width Range:

203.2 mm (8 in) models: 76.2 mm (3.0 in) to 228.9 mm (9.0 in)

**Ribbon Core:** 25.4 mm (1.0 in)

**Ribbon Length:** 600 m (1968 in)

### Coated-Side-In and Coated-Side-Out

*For optimum print quality and printer performance, use certified Honeywell media supplies*

## AGENCY APPROVAL

*Contact your Honeywell sales representative for the most recent list of agency approvals.*

## BARCODES/FONTS/GRAPHICS

### Bar Codes:

Aztec, Codabar, Code 128 Autoswitch, Code 128 Code Set A, Code 128 Code Set B, Code 128 Code Set C, Code 3 of 9, Code 93, DataMatrix, EAN-13, EAN-8, Extended Code 3 of 9, FIM, GS1 Databar (RSS), GS1-128(UCC/EAN Code 128), HIBC, Interleaved 2 of 5 with a module 10 checksum, & shipping bearer bars, MicroPDF417, PDF-417, Planet, Plessey, Postnet, QR Code – Auto format, Telepen, UPC-A, UPC-E, UPS MaxiCode

### Fonts:

50 Standard resident scalable fonts: Albertus Medium, Albertus Extra Bold, Antique Olive, Antique Olive Italic, Antique Olive Bold, Arial, Arial Italic, Arial Bold, Arial Bold Italic, Clarendon Condensed Bold, Coronet, Courier, Courier Italic, Courier Bold, Courier Bold Italic, Garamond Antiqua, Garamond Kursiv, Garamond Halbfett, Garamond Kursiv Halbfett, Letter Gothic, Letter Gothic Italic, Letter Gothic Bold, Marigold, CG Omega, CG Omega Italic, CG Omega Bold, CG Omega Bold Italic, CG Times, CG Times Italic, CG Times Bold, CG Times Bold Italic, CG Triumvirate Bold, CG Triumvirate Bold Condensed, Times New Roman, Times New Roman Italic, Times New Roman Bold, Times New Roman Bold Italic, Univers Medium, Univers Medium Italic, Univers Bold, Univers Bold Italic, Univers Condensed Medium, Univers Condensed Medium Italic, Univers Condensed Bold, Univers Condensed Bold Italic, Symbol, Wingdings, OCR-B, OCR-A

## Downloadable Font Types:

True-Type, PCL

Bitmap (300-dpi)

**PCL Macros:** Multiple PCL macros can be stored in flash; overlay macros can be used and stored in flash.

**Graphics:** Full support of PCL5e, PCL6 and GL/2 graphics capability is provided. (Support of various host based file formats such as .pcx, .bmp are not part of the PCL5e standard but are supported and converted by standard applications). Industry standard printer language HP PCL, HP PCL 5e, PCL6, HP GL/2 and HP XL, printer languages with auto language select in addition to extensions for barcode. Also provides standard bi-directional communications capabilities.

## SOFTWARE/FIRMWARE

DHCP, TCP/IP, UDP, DNS, BOOTP, NTP, SSH, SNMP Robust MIB

**Embedded Configurator:** Resident printer configuration tool, embedded network web pages

**Drivers:** Windows® XP, 7 and 8; network management is done with your standard HP compatible network management tools.

Works with HP Openview®, Tivoli® and others.

**Apple®:** Works in MacBook Pro® with the HP Laserjet® Series PCL4/5 driver; SAP® printer vendor program.

**Encryption Protocol:** AES 256 for secure data transmission for healthcare, pharmaceutical and retail applications.

## ACCESSORIES

External Rewinder

Serial Data Cable

## OPTIONS

Basic Peel and Present

Cutter Tray

Fan-Fold Tray

GPIO Interface and Serial

Rewinder

Standard Cutter

Wireless Card 802.11

## WARRANTY

**Standard Printer Warranty\*:** 1 year (including platen roller and installed options)

**Standard Printhead Warranty\*:** 1 year or 25,400,000 mm (1,000,000 in), whichever comes first

**Extended Warranty:** Contact your Honeywell sales representative for extended warranty options available through Honeywell Repair Services

*\*When used with approved supplies*



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