



INDUSTRIAL

# PD45S/PD45

PD45S/PD45 Honeywell's new commercial industrial printer is suited for manufacturing, retail, logistics, healthcare and government applications. With Honeywell print platform, PD45S/PD45 can be alternative to the competing printers in the market.

## Overview



Feedback

Uniquely designed using minimum internal mechanical parts and an all-metallic frame structure, PD45S/PD45 is sturdy and durable. This gives our printer a tough, compact, and sleek appearance, suitable for use in a wide range of settings & applications.

The PD45S/PD45 runs on Arm Cortex-A7 / 800Mhz processor, 128M memory and 128M DDR3 SDRAM. It features a sophisticated industrial print head which supports both direct thermal and thermal transfer printing modes. Honeywell's patented dual sensor positioning technology supports a dynamic positioning function that ensures a minimum label height of 5mm and vertical position accuracy of 0.5mm(PD45S) and 0.75mm(PD45). Two sets of adjustable pressure bars and double media guides ensures accurate paper feeding and help to avoid ribbon wrinkles & printing dirt.

To enhance user experience, PD45S comes with a 3.5" full-touch color LCD screen and 2.36" keypad LCD, and PD45 comes with a 2.36" keypad LCD and LED Feed button. Thanks to a very ergonomic design, the print head can be easily switched out and replaced. The front sensor that ensures accurate printing can also be easily removed to facilitate cleaning and replacement of the rubber roller. The PD45S/PD45 supports multiple printer command languages such as FP/DP/IPL/ZPL/DPL, one-key installation of printer driver and easy windows configuration.

PD45S comes with a rich selection of accessories and supports wireless network interface card, parallel interface card, labeling machine interface card, industrial GPIO and serial interface card. It also has peeling, rewinding and cutting assemblies to cope with a wide range of application scenarios.

## Specifications

# FEATURES

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## Compatible Software

- Operational Intelligence
- PrintSet

## Compatible Drivers

- CUPS driver for Linux
- InterDriver Windows printer drive and one-key installation driver
- program packages for Honeywell device type for SAP and Honeywell label design and printing

## Application

- health care
- manufacturing,
- retail
- transportation & logistics

## Features

- Complete after-sales services. Honeywell Global Service Support can provide customers and partners with the best support and visiting service in the industry. Honeywell's services can improve the production efficiency, equipment reliability and uptime indicators.
- Easy to operate. Supporting one-key driver installation and facilitating printer cleaning and parts replacement.
- Excellent performance. Advanced industrial print head ensures high printing quality and durable.
- Patented Dual-sensor Positioning Technology. Ensuring the minimum width of 5mm and the position accuracy of  $\pm 0.5$ mm with the dynamic positioning function.
- Rugged and Durable. Suitable for a large variety of working environments with all-metal frame structure.

# DIMENSIONS

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## Overall Dimensions

- (L x H x W):NEWLINE438 mm x 270 mm x 249 mmNEWLINE(17.24 in x 10.63 in x 9.80 in)

# SOFTWARE & FIRMWARE

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## Downloadable Font Type

- Monotype font engine
- customers can also download (Truetype) fonts by themselves
- non-Latin fonts can be supported through WTLE

## Linear Barcodes

- major 1D barcodes

## 2D Barcodes

- major 2D barcodes

## Printer Command Language

- DPL
- Direct Protocol (DP)
- Fingerprint (FP)
- IPL
- XML can be enabled for SAP AII and Oracle WMS
- ZSim2 (ZPL-II),

## Image File Format

- BMP
- GIF
- PCX
- PNG

## PRINTING SPECIFICATIONS

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### Print Method

- Direct Thermal
- Thermal Transfer

### Resolutions

- 300 dpi

## MEDIA

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### Printer Media Type

- Label

## MEMORY & DATA

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### Memory

- External Multi-GB USB memory device (FAT16/FAT32)

### Flash Memory

- 256 MB megabyte

## HARDWARE

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### Printer Connection Interface

- Ethernet interface, transmission rate: 10/100 Mbps
- RS-232, transmission rate up to 115.2 KB/s
- USB 2.0 device interface
- USB 2.0 host interface

## ELECTRICAL

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### Operating Voltage

- 100V AC to 240V AC

## ENVIRONMENTAL

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### Operating Temperature

- +5°C to +40°C (+41°F to +104°F)

### Operating Humidity

- 20% to 85%, non-condensing

**Storage Temperature**

- -20°C to +70°C (-4°F to +152°F)

**Storage Humidity**

- 20 - 80 % non-condensing

## SERVICE TERMS

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**Warranty Duration**

- 1 year Factory Warranty

## NETWORK

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**Network Specifications**

- Ethernet 10/100 Mbps
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