Honeywell

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

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

Compatible Drivers

- CUPS Driver for Linux

- Certified Device Types for SAP

- InterDriver Windows

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 ±0.5mm with the dynamic positioning function.

- Rugged and Durable. Suitable for a large variety of working environments with all-metal frame structure.

Compatible Software

- BarTender

- Nicelabel

- Operational Intelligence

- SOTI Connect

Application

- Manufacturing

- health care

- retail

- transportation & logistics

DIMENSIONS

Overall Dimensions

- L x H x W: 438 mm x 270 mm x 249 mm(17.24 in x 10.63 in x 9.80 in)

PRINTING SPECIFICATIONS

Resolutions

- 203 dpi

- 300 dpi

Print Speeds

- 50-250mm/s (2-10 ips)

Print Method

- Direct Thermal

- Thermal Transfer

SOFTWARE & FIRMWARE

2D Barcodes

- All major 2D barcodes

Downloadable Font Type

- Bitmap Font
- OpenType Font (TrueType based)
- TrueType Font

Linear Barcodes

- All major 1D barcodes

Printer Command Language

- C# Smart Printing
- DPL
- Direct Protocol (DP)
- Fingerprint (FP)
- Intermec Printer Language (IPL)
- PDF
- XML-enabled for SAP AII and Oracle WMS
- ZSim2 (ZPL-II)

Image File Format

- BMP
- GIF
- PCX
- PNG

Font Engine

- Monotype Font Engine
- WTLE for Global Language Support

MEDIA

Printer Media Type

- Label

Maximum Ribbon Length

- 450 m (1476 ft) foot

Maximum Media Roll Diameter

- 203.2 mm (8.0 in) inch

NETWORK

Wireless Communication

- IEEE 802.11 a/b/g/n/ac

Network Specifications

- Ethernet 10/100 Mbps

MEMORY & DATA

Memory

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

Flash Memory

- 256 MB megabyte

RAM Memory

- 256 MB megabyte

HARDWARE

Printer Connection Interface

- RS-232, up to 115.2 KB/s

ELECTRICAL

Operating voltage

- 100V AC to 240V AC

Operating Frequency

- 50 - 60 Hz

ENVIRONMENTAL

Operating temperature

- +5°C to +40°C (+41°F to +104°F)

Operating Humidity

- 20 - 85 % non-condensing

Storage Humidity

- 20 - 80 % non-condensing

Storage Temperature

- -20°C to +70°C (-4°F to +152°F)

SERVICE TERMS

Warranty Duration

- One year factory warranty

OTHERS

Platform

- Honeywell Printer Edge

Honeywell

Industrial Automation

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PD45S/PD45

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