

PD45S

Industrial Label Printer

The PD45S is an industrial label printer tailor-made by Honeywell's printer team for the industries of manufacturing, retail, logistics, medical treatment, hospitals and government sector. With the sturdy and durable performance and excellent quality, PD45S aims to provide customers with high-quality printing effect, stable process experience, simple cleaning and maintenance, and user-friendly operation settings. The PD45S is available in 3.5" full-touch color LCD screen and 2.36" keypad LCD.

With the all-metal frame structure, PD45S is sturdy and durable. The unique design of minimizing internal mechanical parts, with a tough appearance, reduces the size of the printer and offers a beautiful and generous appearance on the premise of satisfying various functions. The large transparent window design facilitates the observation of consumables; the side-opening ribbon and paper loading method also support the recycling of bottom paper, saving more space.

It runs on Arm Cortex-A7 / 800Mhz processor, 128M memory and 128M DDR3 SDRAM and features with advanced industrial print head, which supports thermal and heat transfer printing modes, high printing quality and good durability. Honeywell's patented dual-sensor positioning technology supports the dynamic positioning function, ensuring the minimum label height of 5mm and vertical position accuracy of 0.5mm. And double adjustable pressure bars and double platen rollers contribute to stable paper feeding, free of ribbon wrinkles and printing dirt.

Thanks to the more ergonomic design, the print head are smoother to switch on and off and easier to use. The modular design of the front sensor facilitates the cleaning and replacement of rubber roll. At the same time, it supports multiple printer command languages such as FP/DP/IPL/ZPL/DPL, one-key installation of printer driver and windows configuration and one-to-one management.

PD45S has a rich selection of accessories and supports wireless network interface card, parallel interface card, labeling machine interface card, industrial GPIO and serial interface card, peeling & rewind assembly and cutter to easily cope with complex scenarios.



FEATURES & BENEFITS



Rugged and Durable

Suitable for harsh working environment with all-metal frame structure



Excellent performance

Advanced industrial head ensures high printing quality and durable.



Patented Dual-sensor Positioning Technology

Ensuring the minimum width of 5mm and the position accuracy of ± 0.5 mm with the dynamic positioning function



Easy to operate

Supporting one-key driver installation and facilitating printer cleaning and parts replacement



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.

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PD45S Technical Specification

GENERAL SPECIFICATION

Product style:

PD45S0F: 3.5" color touch control LCD

PD45S0C: 2.36" keyed LCD

Printing modes:

Heat transfer printing and thermal printing

Processors:

Arm Cortex®-A7, 800MHz

128 MB flash memory

128 MB DDR3 SDRAM

Multi-GB USB storage device (FAT16/FAT32)

Built-in real-time clock

PRINT SPECIFICATIONS

Printing resolution:

203 dpi: 8 dots/mm

300 dpi: 11.8 dots/mm

Printing speed:

203 dpi: 50 - 250 mm/s (2-10 ips)

300 dpi: 50 - 200 mm/s (2-8 ips)

Maximum width:

203 dpi: 108 mm (4.25 inches)

300 dpi: 105.7 mm (4.16 inches)

Maximum roll capacity:

203 dpi: 4.8 m (15.75 inches)

300 dpi: 2.2 m (7.22 inches)

MECHANICAL

PD45S0F/PD45S0C

Dimensions (L x H x W):

L: 438 mm x 270 mm x 249 mm

(17.24 in x 10.63 in x 9.80 in)

Weight: 10.82 kg (23.85 lbs)

OPTIONS AND ACCESSORIES

Wireless network interface card(optional)

Parallel interface card

Labeling machine interface card

Industrial GPIO interface card

Peeling and rewind assembly

Cutter



For more information

www.honeywellaidc.com.cn

Honeywell Safety and Productivity Solutions

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National Service Hotline: 400 639 6841

RIBBON SPECIFICATIONS

Ribbon supporting:

Inner carbon or outer carbon

Maximum roll diameter:

80 mm (3.15 inches), about 450 m (1,476 feet)

Roll core ID:

25.4 mm (1 inch)

Max. /Min. Width (ribbon and roll core):

110/51 mm (4.33/2.0 inches)

Type:

Wax base, mixed base and resin base

Honey's genuine media:

www.honeywellaidc.com/media

MEDIA SPECIFICATIONS

Non-continuous label paper, black label paper, tag paper, guide hole paper, notch paper or continuous label paper

Maximum/minimum width (label and liner):

114/20 mm (4.5/0.79 in)

Minimum label length:

Paper tearing mode: 5.0 mm (0.197 inches)

Self-peeling mode: 12.7 mm (0.5 inches)

Thickness (label and liner):

3 mil to 10 mil

Configuration:

External roll paper or folding paper

Maximum diameter of label roll:

203.2 mm (8.0 inches)

Label roll core:

76 mm (3.0 inches)/25.4mm (1.0 inches)

PRINT INTERFACES

Standard:

USB 2.0 host interface

USB 2.0 device interface

Ethernet interface, transmission rate: 10/100

Mbps

RS-232, transmission rate up to 115.2 KB/s

It supports the following serial port protocols:

Fingerprint/Direct Protocol: XON/XOFF,

ENQ/ACK, RTS/CTS

IPL: XON/XOFF, Honeywell Std. Protocol

OPERATING ENVIRONMENT

Operating temperature:

+5°C ... +40°C (+41°F ... +104°F)

Storage temperature

-20°C ... +70°C (-4°F ... +158°F)

Humidity

20% ... 85%, non-condensing

BARCODES/FONTS/GRAPHICS

Barcodes:

Supporting all main 1D and 2D symbols

Supporting standards:

UPC/EAN Shipping Container, UCC/EAN 128,

Serial Shipping Container, MH10.8 Shipping

Label, AIAG (shipping parts label, OGMARS,

POSTNET, HIBCC, ISBT 128, GM1724, UPS

Shipping Label and Global Transport Label

Font:

Monotype font engine; non-Latin fonts can be

supported through WTLE, and customers can

also download (Truetype) fonts by themselves.

Graphics:

It supports PCX, PNG, GIF and BMP file formats.

Other formats can be supported by Label

Generation Tools.

SOFTWARE

Printer command languages:

Fingerprint (FP), Direct Protocol (DP), IPL, ZSim2

(ZPL-II), DPL; XML can be enabled for SAP® All

and Oracle® WMS;

Application programs /Driver programs:

InterDriver Windows® printer drive and one-key

installation driver, CUPS driver for Linux,

program packages for Honeywell device type for

SAP and Honeywell label design and printing

SMART PRINTING languages:

Honeywell's special C# languages for printers:

Smart Printing Developer Resource Kit; write

application in the development environment

compatible with .NET.

Configuration and equipment management support:

Printset supports Windows to configure

printers; the mature Web interface is used for

configuration and one-to-one management

USER INTERFACE LANGUAGES

Color CNC LCD and WEB interface:

English, Italian, French, Spanish, Portuguese,

German, Russian, Traditional Chinese, Simplified

Chinese, Korean, Japanese and Thai

POWER SUPPLY

PFC power supply with the rated power of 100W

AC voltage: 100V AC to 240V AC, 50Hz to 60Hz

APPROVALS

CB \ CE ; for more compliance information, please

contact your local sales representative.

THE
FUTURE
IS
WHAT
WE
MAKE IT

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