Honeywell | SAFETY AND PRODUCTIVITY SOLUTIONS

INDUSTRIAL

PX45 Industrial Printer

The PX45 and PX65 Series industrial printers are flexible, compact, and programmable, enabling customers to optimize their printing operations, streamline deployment, and achieve quick return on investment.

Overview

The rugged, all-metal PX45 and PX65 printers deliver outstanding performance – up to 12 inches per second from first label to last – and incorporate features that reduce downtime and minimize maintenance costs. Both versions are available with 203 or 300 dpi resolution, and the PX45 also offers 406 dpi, for precision labeling without any loss of speed. This is ideal for compliance labeling applications with variable data requiring immediate results.

The PX45 and PX65 printers' smart design features support increased productivity in demanding environments. As Smart Printers, they can host stand-alone applications, developed through the Fingerprint and C# programming languages, helping reduce errors and streamline operational processes.

The printers' device management and diagnostic capabilities – provided in web-based PrintSet 5 Configuration Management tool, configuration tool PrintSet MC for mobile devices and cloud-based Operational Intelligence– reduce downtime and simplify deployment. Replacing printheads is fast and easy, thanks to the magnetic QuickMount™ printhead design. The PX45 and PX65 printers are co-engineered and tested with Honeywell labels and other media products, optimizing performance when used with genuine Honeywell media.

Specifications

FEATURES

Compatible Software

- BarTender
- Nicelabel
- Operational Intelligence
- SOTI Connect
- Teklynx Labelview

Compatible Drivers

- CUPS Driver for Linux

Feedback

- Certified Device Types for SAP
- InterDriver Windows

Application

- DC/Warehouse
- Healthcare
- Manufacturing

Features

- Compact Size
- Seamless Connectivity

DIMENSIONS

Overall Dimensions

- L x H x W: 482 mm x 238 mm x 335mm / (19.0 in x 9.4 in x 13.2 in)

Weight range

- 12.6 kg / 31.12 lbs pound

SOFTWARE & FIRMWARE

Downloadable Font Type

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

Linear Barcodes

- All major 1D barcodes

2D Barcodes

- All major 2D 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

PRINTING SPECIFICATIONS

Print Speeds

- 100–300mm/s (4–12 ips)

Print Method

Feedback

- Direct Thermal
- Thermal Transfer

Resolutions

- 203 dpi
- 300 dpi
- 406 dpi

MEDIA

Maximum Ribbon Length

- 450 m / 1476 ft foot

Printer Media Type

- Label
- Linered
- Linerless
- RFID
- Tag

Maximum Media Roll Diameter

- 213 mm / 8.38 in inch

NETWORK

Wireless Communication

- IEEE 802.11 a/b/g/n/ac
- WEP, WPA, WPA2, 802.11x (EAPTTLS,LEAP, PEAP, FAST)
- Wi-Fi Certified

Network Specifications

- Ethernet 10/100 Mbps,

RFID Specifications

- RFID

MEMORY & DATA

Memory

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

Flash Memory

- 512 MB megabyte

RAM Memory

- 256 MB megabyte

HARDWARE

Printer Connection Interface

- Industrial Interface: 8 digital in/out
- Parallel: IEEE 1284
- RS-232, up to 115.2 KB/s
- USB 2.0 Device High Speed
- USB 2.0 Host High Speed

Feedback

ELECTRICAL

Operating Frequency

- 45 - 65 Hz

Operating Voltage

- 100 - 240 V AC

ENVIRONMENTAL

Operating Temperature

- +5°C to +40°C / +41°F to +104°F

Operating Humidity

- 20 - 80 % non-condensing

Storage Temperature

- -20°C to +70°C (-4°F to +152°F)

Storage Humidity

- 20 - 80 % non-condensing

SERVICE TERMS

Warranty Duration

- One year factory warranty

OTHERS

Platform

- Honeywell Printer Edge

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Feedback