Honeywell | INDUSTRIAL AUTOMATION

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INDUSTRIAL PRINTERS

PX45

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

Overview



High-Speed Printing

The all-metal PX45 and PX65 printers deliver exceptional performance, printing at speeds of up to 12 inches per second from the first label to the last. Available in 203, 300, and 406 dpi resolutions (PX45 only), these printers ensure precision labeling without sacrificing speed—perfect for compliance labeling tasks requiring immediate results.

Smart Design for Enhanced Productivity

Designed for demanding environments, the PX45 and PX65 function as Smart Printers capable of hosting standalone applications built with Fingerprint and C# programming languages. This capability minimizes errors and streamlines operational processes, enhancing overall productivity.

Advanced Device Management

Simplifying deployment and reducing downtime, the printers come equipped with web-based PrintSet 5 Configuration Management, mobile device configuration via PrintSet MC, and cloud-based Operational Intelligence. These tools empower users to manage device settings efficiently.

Easy Maintenance

With an innovative magnetic QuickMount™ printhead design, replacing printheads is quick and hassle-free. The PX45 and PX65 printers are co-engineered and tested with Honeywell labels and media, optimizing performance when used with genuine Honeywell products.

Reliable and Efficient

Engineered for robustness and reliability, the PX45 and PX65 printers minimize maintenance costs while maximizing productivity in any tough application.

Specifications

FEATURES

Features

- Compact Size
- Seamless Connectivity

2D Barcodes

- All major 2D barcodes

APPLICATIONS & COMPATIBILITY

Compatible Software

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

Application

- DC/Warehouse
- Healthcare
- Manufacturing

TECHNICAL SPECIFICATIONS

Compatible Drivers

- CUPS Driver for Linux
- Certified Device Types for SAP
- InterDriver Windows

Resolutions

- 203 dpi
- 300 dpi
- 406 dpi

Print Speeds

- 100–300mm/s (4–12 ips)

Print Method

- Direct Thermal
- Thermal Transfer

Linear Barcodes

- All major 1D barcodes

Downloadable Font Type

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

Printer Media Type

- Label
- Linered
- RFID
- Tag

Wireless Communication

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

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)

RAM Memory

- 256 MB

Memory

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

Image File Format

- BMP
- GIF
- PCX
- PNG

Flash Memory

- 512 MB

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

Operating Frequency

- 45 - 65 Hz

RFID Specifications

- RFID

Platform

- Honeywell Printer Edge

Network Specifications

- Ethernet 10/100 Mbps,

Font Engine

- Monotype Font Engine
- WTLE for global language support

DIMENSIONS & WEIGHT

Weight range

- 12.6 kg / 31.12 lbs

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)

Maximum Ribbon Length

- 450 m / 1476 ft

Maximum Media Roll Diameter

- 213 mm / 8.38 in

ELECTRICAL SPECIFICATIONS

Operating Voltage

- 100 - 240 V AC

OPERATING CHARACTERISTICS

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

OVERVIEW

Warranty Duration

- One year factory warranty

OTHERS

Print Width

- 4 inch

Print Volume

- Up to 10,000

Print Technology

- Thermal Transfer

Print Resolution

- 203 dpi
- 300 dpi
- 406 dpi

Industry

- Logistics & Warehouses
- Manufacturing

Connectivity

- Ethernet
- Wi-Fi

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Search

PART NUMBER	DESCRIPTION	ORDER ONLINE
1-776290-00	Label Roll Retainer	SIGN IN
3008-1399-001FRE	FRE, PX4565, LCD ASSEMBLY	SIGN IN
50138067-003FRE	FRE, PX4565, PCB SA, CONSOLE BOARD	SIGN IN
50176215-001FRE	FRE, PX4565, CABLE, LCD DISPLAY	SIGN IN
PX45A00000000200	PX45A, ETH, T203, US&EU PC	SIGN IN
PX45A00000000300	PX45A, ETH, T300, US&EU PC	SIGN IN
PX45A00000000400	PX45A, ETH, T406, US&EU PC	SIGN IN
PX45A00000020200	PX45A, ETH, LTS+S, T203, US&EU PC	SIGN IN
PX45A00000020300	PX45A, ETH, LTS+S, T300, US&EU PC	SIGN IN
PX45A00000020400	PX45A, ETH, LTS+S, T406, US&EU PC	SIGN IN

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Product Number

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PART NUMBER	DESCRIPTION
1-776290-00	Label Roll Retainer
1-776290-00	Label Roll Retainer
3008-1399-001FRE	FRE,PX4565,LCD ASSEMBLY
3008-1399-001FRE	FRE,PX4565,LCD ASSEMBLY
50138067-003FRE	FRE,PX4565,PCB SA,CONSOLE BOARD
50138067-003FRE	FRE,PX4565,PCB SA,CONSOLE BOARD
50147009-002	KIT, RFID, 915MHZ, PX45 REFRESH, NA
50147009-002	KIT, RFID, 915MHZ, PX45 REFRESH, NA
50147010-002	KIT, RFID, 869MHZ, PX45 REFRESH,EU
50147010-002	KIT, RFID, 869MHZ, PX45 REFRESH,EU
50176215-001FRE	FRE,PX4565,CABLE,LCD DISPLAY
50176215-001FRE	FRE,PX4565,CABLE,LCD DISPLAY
PX45A00000000200	PX45A,ETH,T203,US&EU PC
PX45A00000000200	PX45A,ETH,T203,US&EU PC
PX45A00000000206	PX45A,ETH,T203,INPC

PX45A00000000300	PX45A,ETH,T300,US&EU PC
PX45A00000000300	PX45A,ETH,T300,US&EU PC
PX45A00000000306	PX45A,ETH,T300,INPC
PX45A00000000306	PX45A,ETH,T300,INPC

Complete Your Solution

Honeywell Operational Intelligence

Intelligence data insights, asset management and automation for specific pain points to improve functionality and increase ROI.

LEARN MORE

Honeywell Support Services

Maximize the value of your printers with complete support throughout the full lifecycle.

LEARN MORE

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Product name

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