



INDUSTRIAL

# PX940 Industrial Printer

## PX940 Industrial Printer

## Overview



**The PX940 series takes industrial printing to a new level of accuracy and simplicity by providing customers with error-free precision printing, increasing production efficiency and reducing operational costs.**

- Extremely precise printing of up to  $\pm 0.2$  mm (0.0079 in) virtually eliminates poor-quality, unreadable labels and barcodes.
- Integrated label verification technology checks and ensures that barcodes are accurate every time: instantly notifies you of pass/fail status and ANSI grade.
- Easy to use and maintain, with a color multilingual touchscreen interface and quick side-loading design.
- Smart printing capability allows users to configure and print without the need for a host computer.
- Operational Intelligence software provides predictive analytics and data on printer health to help managers oversee their entire printer fleet and proactively prevent issues, ensuring maximum uptime.

**The PX940 family of high-performance industrial printers with integrated label verification technology provides error-free printing. Developed for companies that are subjected to fines levied for non-compliance to regulatory standards, and returned shipments due to unreadable barcodes, the PX940 series prints barcodes that are defect-free and 100% accurate every time. The fully integrated verifier allows for quick setting up even when printing and verifying different labels. With pass/fail and ANSI grades from 1 to 4, bad labels that do not meet an established threshold are voided and a new label is reprinted. The PX940 printer has print registration of up to  $\pm 0.2$  mm (0.0079 in). The trend toward miniaturization requires printing on smaller and smaller labels. The PX940 will print accurately on small labels, edge to edge with little error tolerance. The PX940 printers are suited for transportation and logistics, pharmaceuticals and healthcare, shipping and distribution centers, industrial manufacturing, automotive parts suppliers, and applications that are regulated and require high precision and error-free printing. The PX940 printer is available in two versions: one with the integrated verifier, and an option without the integrated verifier. Both versions are available with standard features such as Bluetooth® and smart printing capability, in which users can configure and fine-tune settings without the need for a host computer. With a Honeywell firmware platform that supports multiple print languages, the PX940 printer is an easy replacement for competitive printers. A rugged all-metal print mechanism, and easy printhead and tool-free platen roller replacement, help minimize downtime and maintenance needs. The PX940 printer can support a wide range of media – including ink-in and ink-out ribbons with one-inch core size – enabling maximum time between media resupply. Fast time-to-label and print speeds of up to 350 mm/s (14 ips) ensure that the PX940 printer can scale with the changing needs of dynamic operations.**

## Specifications

# FEATURES

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**Application**

- Automotive
- DC/Warehouse
- Healthcare
- Manufacturing

**Features**

- Edge Intelligence Providing Customers with Predictive Analytics
- Integrated Label Verification Technology Providing Error-free Printing
- Precision Printing with Registration of +/-0.2 mm

**Compatible Software**

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

**Compatible Drivers**

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

# DIMENSIONS

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**Overall Dimensions**

- 50.6 x 39.87 x 26.1 cm (19.92 in x 15.70 in x 10.28 in)

**Weight**

- PX940 with Verifier: 23.5 kg (51.81 lbs)
- PX940: 23 kg (50.71 lbs)

# SOFTWARE & FIRMWARE

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**Linear Barcodes**

- All major 1D barcodes

**2D Barcodes**

- All major 2D barcodes

**Downloadable Font Type**

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

**Printer Command Language**

- C# Smart Printing
- DPL
- Fingerprint (FP)
- Intermec Printer Language (IPL)

- PDF
- WMSDirect Protocol (DP)
- 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

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Print Speeds

- 50-350mm/s (2-14 ips)

Resolutions

- 203 dpi
- 300 dpi
- 600 dpi

Print Method

- Direct Thermal
- Thermal Transfer

## MEDIA

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Printer Media Type

- Label
- RFID
- Ribbon
- Tag

Maximum Ribbon Length

- 450 m (1476 ft) foot

Maximum Media Roll Diameter

- 213 mm (8.38 in) inch

## NETWORK

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Wireless Communication

- Bluetooth LE
- NFC

Network Specifications

- Ethernet 10/100 Mbps

Bluetooth Specifications

- Bluetooth LE (for Print Set MC only)

MEMORY & DATA

Flash Memory

- 256 MB megabyte

RAM Memory

- 1 GB megabyte

Memory

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

HARDWARE

Printer Connection Interface

- Applicator Interface
- Industrial interface
- Parallel Interface (IEEE 1284)
- RS-232
- USB 2.0 Host x2

ELECTRICAL

Operating voltage

- 100 - 240 V 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 Temperature

- -20°C to +70°C (-4°F to +152°F)

Storage Humidity

- 20 - 85 % non-condensing

SERVICE TERMS

Warranty Duration

- One year factory warranty

# ERP

Brand

- Honeywell

# PRINTED BARCODE VERIFICATION

Verifier Scan Width

- 108mm (4.25 in)

Verifier Scan Resolution

- 600 dpi

Verified Linear Barcodes

- Code 128
- Code 39
- EAN-128
- EAN-13
- EAN-8
- GS1 Databar Expanded
- GS1-128
- HIBC 128
- HIBC 39
- ISBT 128
- ITF-14
- Interleaved 2 of 5
- RSS14E
- SCC-14
- UPC-A
- UPC-E

Verification Standard

- ISO 15415/15416

Verified 2D Barcodes

- Data Matrix
- ISBT Data Matrix
- QR code

Verifier Light Source Wavelength

- 660 nm

# OTHERS

Platform

- Honeywell Printer Edge

# Product Number

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PX940A00100000202	Without Verifier,Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Media Core 3 inch, Direct Thermal and Thermal Transfer, 203 DPI, US power cord
PX940A00100000302	Without Verifier,Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Media Core 3 inch, Direct Thermal and Thermal Transfer, 300 DPI, US power cord
PX940A00100000600	‘Without Verifier, Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Media Core 3 inch, Direct Thermal and Thermal Transfer, 600 DPI, No power cord ’
PX940A00100000602	Without Verifier, Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Media Core 3 inch, Direct Thermal and Thermal Transfer, 600 DPI, US power cord
PX940A00100060200	‘Without Verifier, Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Internal Rewinder, Peel off, Label Taken Sensor, Media Core 3 inch, Direct Thermal and Thermal Transfer, 203DPI, No power cord ’
PX940A00100060202	Without Verifier, Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Internal Rewinder, Peel off, Laber Tear Sensor, Media Core 3 inch, Direct Thermal and Thermal Transfer, 203 DPI, US power cord
PX940A00100060302	Without Verifier, Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Internal Rewinder, Peel off, Laber Tear Sensor, Media Core 3 inch, Direct Thermal and Thermal Transfer, 300 DPI, US power cord
PX940A00100060600	‘Without Verifier, Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Internal Rewinder, Peel off, Label Taken Sensor, Media Core 3 inch, Direct Thermal and Thermal Transfer, 600DPI, No power cord ’
PX940A00100060602	Without Verifier, Full Touch Display, Universal firmware, Ethernet, USB, Serial, Low Power Bluetooth, Ribbon Ink IN/OUT, Internal Rewinder, Peel off, Laber Tear Sensor, Media Core 3 inch, Direct Thermal and Thermal Transfer, 600 DPI, US power cord
PX940V00100000300	ROW,VERIFIER,INK-IN/OUT,3IN.CORE,300DPI



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**Honeywell**

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