With integrated label verification technology and Operational Intelligence software, the PX940 industrial printer gives customers 100% readable printed barcodes, predictive analytics, and a lower overall cost of ownership.

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 100% readable every time. With pass/fail and ANSI grades from 0.0 (F) to 4.0 (A), 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 +/- 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 high precision.

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® LE used with Print Set MC and smart printing capability. Smart printing allows users to configure printer settings and print 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, easy printhead and tool-free platen roller replacement, and a predictive maintenance system all help to minimize downtime and maintenance. 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.

**FEATURES AND BENEFITS**

- **Integrated label verification technology** checks and ensures that barcodes are accurate every time; instantly notifies you of pass/fail status and ANSI grade.
- **Extremely precise printing** of up to +/- 0.2 mm (0.0079 in) virtually eliminates poor-quality, unreadable labels and barcodes.
- **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.
- **Smart printing capability** allows users to configure and print without the need for a host computer.
- **Easy to use and maintain**, with a color multilingual touchscreen interface and quick side-loading design.
**STANDARD**

Print Method: Thermal Transfer and Direct Thermal

3.5 in color touch LCD

Foldable clear media door

Dual Core 1 GB processor (ARM® Cortex® A9 core)

256 MB Flash memory

1 GB DDR3 SDRAM

256 MB Flash memory

Multi-GB USB memory device (FAT16/FAT32)

Internal real-time clock

**MECHANICAL**

PX940/PX940 Verifier Version:

L x H x W: 506 mm x 398.7 mm x 261 mm

Weight: 23 kg (50.71 lbs)

PX940:

Weight: 23 kg (50.71 lbs)

PX940 Verifier Version:

Weight: 23.5 kg (51.81 lbs)

**PRINT SPECIFICATIONS**

Print Resolution:

- At 203 dpi: 8 dots/mm
- At 300 dpi: 11.8 dots/mm

Print Speed:

- At 203 dpi: 50–350 mm/s (2–14 ips)
- At 300 dpi: 50–300 mm/s (2–12 ips)
- At 600 dpi: 25–150 mm/s (1–6 ips)

Maximum Width:

- At 203 dpi: 108 mm (4.25 in)
- At 300 dpi: 105.7 mm (4.16 in)
- At 600 dpi: 105.6 mm (4.16 in)

Maximum Continuous Print Length:

- At 203 dpi: 4.8 m (15.75 ft)
- At 300 dpi: 2.2 m (7.22 ft)
- At 600 dpi: 0.55 m (1.81 ft)

**BARCODE VERIFIER SPECIFICATION**

(PX940 Verifier Version only)

Scan Resolution: 600 dpi

Maximum Scan Width: 108 mm (4.25 in)

Light Source: 660 nm

Maximum Verification Speed:

- At 203 dpi and 300 dpi: 200 mm/s (8 fps)
- At 600 dpi: 150 mm/s (6 fps)

Barcode Orientation:

Linear (1D) Barcode: Picket or Ladder

2-Dimensional (2D) Barcode: 4 directions

Barcode Verification Modes: Linear (1D) barcode verification conforming to ISO/IEC 15146-2016; 2-Dimensional (2D) barcode verification conforming to ISO/IEC 15415-2011; Read/No Read Barcode verification

Minimum Linear (1D) Bar Width: 10 mils (0.254 mm)

Minimum 2D Cell Size: 15 mils (0.381 mm)

Supported Symbologies: Code 39, HIBC, Intermec Printer Language (IPL) support on 203 dpi and 300 dpi only

**MEDIA SPECIFICATIONS**

Media Type: Wax, mid-range, resin

Type:

- Core: 25 mm (1 in)
- Core ID: 8.375 mm
- Label Roll Core: 212.7 mm
- Label Roll Core: 76 mm (3 in) or 388 mm (1.5 in)

**RIBBON SPECIFICATIONS**

Ribbon Spindle: Both ribbon coated side in and out

Roll Max. Diameter: 80 mm (3.15 in), approximately 450 mm (1.476 ft)

Core ID: 25 mm (1 in)

Maximum/Minimum Width (Ribbons and Core): 110/51 mm (4.33/2.0 in)

Type: Wax, mid-range, resin

Genuine Honeywell Media:

www.honeywellaidc.com/media

**INTERFACES**

Standard:

- USB 2.0 Host (x2)
- USB 2.0 Device
- Ethernet 10/100 Mbps
- RS-232, up to 115.2 KB/s
- Bluetooth LE (for Print Set MC only)
- Static NFC tag (Bluetooth MAC address)

**PRINT SPECIFICATIONS**

Print Method:

- Direct Thermal
- Barcode Orientation:
  - Maximum Verification Speed: 660 nm
  - Maximum Scan Width: 108 mm (4.25 in)

**BARCODE VERIFIER SPECIFICATION**

(PX940 Verifier Version only)

Scan Resolution: 600 dpi

Maximum Scan Width: 108 mm (4.25 in)

Light Source: 660 nm

Maximum Verification Speed:

- At 203 dpi and 300 dpi: 200 mm/s (8 fps)
- At 600 dpi: 150 mm/s (6 fps)

Barcode Orientation:

Linear (1D) Barcode: Picket or Ladder

2-Dimensional (2D) Barcode: 4 directions

Barcode Verification Modes: Linear (1D) barcode verification conforming to ISO/IEC 15146-2016; 2-Dimensional (2D) barcode verification conforming to ISO/IEC 15415-2011; Read/No Read Barcode verification

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- Static NFC tag (Bluetooth MAC address)
PX940 Series Technical Specifications

BARCODES/FONTS/GRAPHICS
Barcode Symbologies: All major 1D and 2D symbologies are supported.
Standards Supported: 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, Global Transport Label.
Fonts: Monotype font engine; non-Latin fonts available through WTLE.

Graphics: Supports PCX, PNG, GIF, and BMP file formats. Other formats supported with Label Generation Tools.

REGULATORY APPROVALS
RoHS Compliant, CE (EN55032 Class A), FCC Class A, Energy Star 2.0 Qualified.
For more countries compliant, please contact your local sales office.

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.
For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.
Apple is a trademark or registered trademark of Apple Inc.
Bluetooth is a trademark or registered trademark of Bluetooth SIG, Inc.
SAP is a trademark or registered trademark of SAP SE.
Oracle is a trademark or registered trademark of Oracle Corporation.
Windows is a trademark or registered trademark of Microsoft Corporation.
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