PXie SERIES PRINTERS

High-Performance Industrial Printers

The PXie Series industrial printers are built to meet the needs of round-the-clock, mission-critical applications. These rugged printers deliver advanced connectivity and network protocols, ensuring peace of mind today and a reliable, scalable solution for the long haul.

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

The rugged, all-metal PXie 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 PX4ie 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 PXie 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 Configuration Management, and soon to be released in AirWatch®, SOTI™, and Operational Intelligence – reduce downtime and simplify deployment.

Replacing printheads is fast and easy, thanks to the magnetic QuickMount™ printhead design. The PXie printers are co-engineered and tested with Honeywell labels and other media products, optimizing performance when used with genuine Honeywell media.

FEATURES AND BENEFITS

The PXie printers' compact, modular design facilitates integration into automated labeling applications.

Smart Printers can eliminate the PC and control other devices directly (such as scanners, scales, and applicators), improving efficiency and decreasing infrastructure costs and complexity.

With user-selectable, all-in-one printer command languages (DP/FP, IPL, ZSim, DPL), the PXie printers fit with drop-in simplicity in mixed printer environments, supporting fast deployment.

Every printer ships with Ethernet connectivity and network protocol IPv6, ensuring long-term, enterprise scalability. Multiple interface options are available, including the highest level of secure wireless connectivity (WPA2).

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Więcej informacji: www.kreski.pl

Honeywell

PXie SERIES INDUSTRIAL PRINTERS Technical Specifications

PHYSICAL DESCRIPTION

Direct thermal and thermal transfer label, ticket, and tag printer. Also available with RFID.

PHYSICAL CHARACTERISTICS

L x H x W:

PX4ie: 482 mm x 238 mm x 275 mm (19.0 in x 9.4 in x 10.8 in)

PX6ie: 482 mm x 238 mm x 335 mm (19.0 in x 9.4 in x 13.2 in)

Weight:

PX4ie: 12.61 kg (27.87 lbs)

PX6ie: 14.13 kg (31.12 lbs)

PRINT SPECIFICATIONS

Max. Print Width:

PX4ie: 112 (DT)/110 (TT) mm (4.4/4.3 in)

PX6ie: 167.4 mm (6.59 in)

Max. Length:

At 203 dpi: 4095 mm (161 in)

At 300 dpi: 2775 mm (109 in)

At 406 dpi: 1016 mm (40 in)

RFID STANDARDS & FREQUENCIES

Supports 18000-6C / EPC Generation 2

865-928 MHz radio configured to comply with local UHF RFID regulations including FCC and ETSI. Contact local representative for availability in particular region.

PRINT SPEED

PX4ie:

For 203/300 dpi: 100–300 mm/s (4–12 ips)

For 406 dpi: 100–250 mm/s (4–10 ips)

PX6ie:

For 203/300 dpi: 100–225 mm/s (4–9 ips)

Resolution:

PX4ie: 8 dots/mm (203 dpi), 11.8 dots/mm (300 dpi), 16 dots/mm (406 dpi)

PX6ie: 8 dots/mm (203 dpi), 11.8 dots/mm (300 dpi)

MEDIA

Type: Labels and Tags

Max/Min Width:

PX4ie: 120/25.4 mm (4.72/1 in)

PX6ie: 170/76 mm (6.70/3 in)

Thickness: 2.4 to 10.0 mil

Configuration: Roll-fed or fanfold

Sensing: Gap, notch, black mark, continuous

Label Roll Max Diameter: 213 mm (8.38 in)

Label Roll Core: 38–76 mm (1.5–3 in)

Type: Ribbons

Roll Max Diameter: 80 mm (3.15 in), approx. 450 m

Core ID: 25.4 mm (1 in)

Type: Wax, mid-range, resin

INTERFACES

Standard:

Ethernet: 10/100 Mbps

RS-232: up to 115.2 KB/s

Supported Serial Protocols:

Fingerprint/Direct Protocol: XON/XOFF, ENQ/ACK, DTR, RTS/CTS

IPL: XON/XOFF, Honeywell Std. Protocol

USB: 2.0

Optional:

Parallel: IEEE 1284

Industrial Interface: 8 digital in/out, 4 analog relays, 1 RS-232/422/485 port

Dual Serial Ports: RS-232, RS-422, RS-485, and 20 mA Current Loop

Applicator Interface

Wireless:

IEEE 802.11 a/b/g/n/ac

Wi-Fi Certified

WEP, WPA, WPA2, 802.11x (EAPTTLS, LEAP, PEAP, FAST)

Multiple industrial antenna options for maximized coverage

Supported Protocols: TCP/IP-suite (TCP, UDP, ICMP, IGMP, etc.), LPR/LPD, FTP, BOOTP, DHCP, HTTP, SNMPv3, SMTP. SNMP-MIB II supported (over UDP/IP), private enterprise MIB included. Supports IPv4 and IPv6, NTP

SOFTWARE

Printer Command Languages: Fingerprint (FP), Direct Protocol (DP), IPL, ZSim2 (ZPL-II), DPL; XML enabled for SAP® AII and Oracle® WMS

Applications/Drivers: InterDriver Windows® printer driver, CUPS driver for Linux, Honeywell Device Types for SAP, Honeywell label design and print package

Smart Printing Languages:

Honeywell C# for Printers: Smart Printing Developer Resource Kit; write apps with .NET-compatible development environments

Configuration and Device Management Support: PrintSet for printer configuration; sophisticated web interface for configuration, upgrades, and 1:1 management

Device Management Support (to be included in future release): AirWatch, SOTI, Operational Intelligence

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

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PXie SERIES INDUSTRIAL PRINTERS Technical Specifications

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

MEMORY
Standard: 128 MB Flash memory, 256 MB DDR2 SDRAM
Available: Multi-GB USB memory device (FAT16/FAT32 USB drivers supported)
Built-in RTC

KEYPAD CONTROL PANEL
Interactive numeric keypad control panel
2.3 in color LCD

POWER SUPPLY
AC Voltage: 90 to 265V AC, 45 to 65 Hz
PFC Regulation: IEC 61000-3-2
Power Consumption:
Standby 5W
Continuous average 125W
Peak 400W

OPERATING ENVIRONMENT
Ambient Operating Temperature: +5°C to +40°C (+41°F to +104°F)
Storage Temperature: -20°C to +70°C (-4°F to +152°F)
Humidity: 10% to 90% non-condensing

REGULATORY APPROVALS
CE (EN55022 Class B), FCC Class B, UL/cUL, C-Tick
Energy Star 3.0 (excludes non Wi-Fi parallel port SKUs)

OPTIONS
RFID, integral self-strip unit with liner takeup, Label Taken Sensor (LTS), alphanumeric keyboard*, parallel interface board, additional serial interface board*, industrial interface board*, applicator interface board**, media supply hub, cutter, label low sensor

*Not applicable when using IPL firmware.
** Supported for Direct Protocol and Fingerprint printer languages.

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.

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