Combining the latest printing innovations into a compact, rugged package, the PD43 series is ideal for use in tight spaces, on shallow countertops, or in pull-out cabinets.

Suited for the distribution center and warehouse, as well as airline passenger service, the PD43 upholds the long tradition of the PD series. An all-metal chassis, strong cast aluminum print mechanism, and tool-free printhead and roller replacement help minimize downtime and maintenance needs. With a variety of door options, the PD43 can support a wide range of media, including link-in and link-out ribbons with half-inch or one-inch core sizes — enabling maximum time between media resupply. Fast-time-to-label and print speeds of up to 200 mm/s (8 ips) ensure that the PD43 can scale with the changing needs of dynamic operations.

The PD43 takes industrial printing to a new level of simplicity, with a color graphic display that makes it easier to set up, configure and fine-tune settings without the need for a host computer. In fact, with Smart Printing capabilities, the PD43 can run apps right inside the printer — eliminating the need for a connected PC entirely.

Considering the switch to PD43 series from another printer brand? With comprehensive command language support — including ZSim2, our fast, friendly, and complete ZPL II® emulation — updating to the PD series has never been easier.

FEATURES AND BENEFITS

- Small footprint for installation into compact tabletops and pull-out cabinets.
- Rugged metal chassis and print mechanism provides investment protection.
- Intuitive 10-language color display or icon interface simplifies setup and maintenance.
- Comprehensive printer command language support, including ZSim2, makes upgrading easy.
- Run apps right inside the printer control peripherals and eliminate the need for a connected PC, using C# for Printers or Fingerprint.
PHYSICAL CHARACTERISTICS

PD43 with Standard Door:
- Length: 470 mm (18.5 in)
- Width: 211 mm (8.3 in)
- Height: 269 mm (10.6 in)
- Weight: 8.4 kg (18.5 lbs)

PD43 with Flat Top Door:
- Length: 470 mm (18.5 in)
- Width: 211 mm (8.3 in)
- Height: 209 mm (8.2 in)
- Weight: 8.3 kg (18.3 lbs)

PD43c:
- Length: 236 mm (9.3 in)
- Width: 211 mm (8.3 in)
- Height: 205 mm (8.1 in)
- Weight: 5.1 kg (11.2 lbs)

PD43c with Optional External Media Holder:
- Length: 432 mm (17.0 in)
- Width: 211 mm (8.3 in)
- Height: 217 mm (8.5 in)
- Weight: 6.0 kg (13.2 lbs)

MEDIA COMPATIBILITY

Max. Media Diameter (OD):
- PD43 with Standard Door: 213 mm (8.75 in)
- PD43 with Flat Top Door: 152 mm (6.0 in)

PD43c with External Media Holder:
- 203 mm (8.0 in)

Media Core Sizes (ID): 1.15, 3 in

Media Width: 19 mm (0.75 in) to 118 mm (4.65 in)

Label Length: 64 mm (0.25 in) to 172.7 cm (68.0 in)

RIBBON COMPATIBILITY

Ribbon Support: Coated Side In, Coated Side Out

Max. Ribbon Diameter: 68 mm (2.68 in)

Ribbon Core Sizes: 0.5, 1 in

Ribbon Width: 25.4 mm (1 in) to 110.0 mm (4.3 in)

Max. Ribbon Length: 300 m (984 ft)

PRINTING CHARACTERISTICS

Print Resolution: 8.0 dpmm (203 dpi), 11.8 dpmm (300 dpi)

Max. Print Speed: 203 mm/s (8.0 ips) @ 8.0 dpmm (203 dpi), 152 mm/s (6.0 ips) @ 11.8 dpmm (300 dpi)

Max. Print Width: 104 mm (4.1 in)

For more information visit www.honeywellaidc.com

Honeywell Safety and Productivity Solutions
9680 Old Bailey Road
Fort Mill, SC 29707
800-582-4263
www.honeywell.com

COMMUNICATIONS

Standard Interfaces: USB Device, USB Host

Optional – Via Adapter Cables:
- Internal Ethernet (NIC)
- Serial Port

Optional – Factory/Service Installable:
- Bluetooth® and Wireless 802.11 b/g/n, HF/UHF RFID, Internal Ethernet (NIC)

Protocols – Wireless:
- WEP Dynamic, WEP Static (64/128 bits), WPA, WPA2, EAP (FAST, PEAP, TLS, TTLS), LEAP

Protocols – Serial Flow Control:
- XOFF, RTS/CTS

Certifications: Cisco® CCXv4, Wi-Fi

USER INTERFACE

Display: Color Graphic Display or Icon Display

Languages – Standard:
- English, French, German, Italian, Portuguese, Russian, Spanish

Languages – Optional:
- Simplified Chinese, Traditional Chinese, Korean

GRAPHICS & BAR CODES

Native Graphic Formats: BMP, GIF, PCX, PNG

Barcode Symbologies: All Major 1D, 2D, and Composite Symbologies

SOFTWARE

Printer Command Languages: Direct Protocol, IPL, DPL, ESim (EPL); ZSim2 (ZPL II®), XML-Enabled for SAP All and Oracle® WMS

Smart Printing Languages: C# for Printers, Fingerprint

Developer Tools:
- Smart Printing Developer Resource Kit, Honeywell Fingerpoint Application Builder (IFAB)
- InterDriver Windows® Printer Driver, CUPS Driver for Linux, Device Types for SAP, BarTender UltraT intra

Device Management:
- PrintSet, SmartSystems™, Wavelink Avalanche™

Character Sets:
- English & Extended Latin, Arabic, Baltic & Baltic Rim, Cyrillic, Greek, Hebrew, Thai, Turkish, Vietnamese and more with Monotype Universal Font Scaling Technology (UFST®) and WorldType Layout Engine (WTLE)

Resident Fonts:

Additional Fonts:
- Support for TrueType and TrueType-based OpenType fonts, user downloadable fonts

ENVIRONMENTAL

Operating Temperature: +5° to +40°C (+40° to +104°F) @ 10–80% RH Non-Condensing

Storage Temperature: -40° to +60°C (-40° to +140°F) @ 85% RH

ELECTRICAL

Input: 100–240V AC @ 50–60 Hz, 1.5 A, Energy Star Compliant

Output: 24V DC, 2.5 A

MEMORY

Standard: 128 MB Flash, 128 MB RAM (DDR2)

Optional: Up to 32 GB (via user USB thumbdrive)

OPTIONAL ACCESSORIES & UPGRADES

User Installable: 300 dpi, Cutter Unit with LTS, Label Dispenser with LTS, Front Label Tray, Linerless

Factory / Service Installable: HF RFID (13.56 MHz, ISO 15693); UHF RFID (EPC Class1 Gen2, ISO 18000-6C)

APPROVALS

Regulatory:
- UL, cUL, cULus, CE, FCC Class A, D Mark CCC, KCC, RCM
- Safety: North America: UL & cUL Listed, UL60950-1; Europe: D Mark, EN 60950-1; CE; Mexico: NYCE Certified, NOM 19, Other Countries: IEC 60950-1
- EMC: USA; FCC Title 47, Part 15, Subpart A, Class A; Europe: EMC Directive (EN55022, Class A + EN55024), CISPR22

WARRANTY

One-year standard warranty

For complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

PD43 supports two USB Host connectors.

THE FUTURE IS WHAT WE MAKE IT