Honeywell

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PD43 & PD43c

4" LIGHT INDUSTRIAL THERMAL PRINTER

The PD43 and smaller PD43c family of light industrial thermal printers incorporate the latest printing innovations into a compact and affordable package. Ideal for tight spaces, shallow countertops, and pull-out cabinets, the PD series was designed to deliver no-compromise printing performance in the smallest possible footprint.



Suited for the distribution center and warehouse, as well as airline passenger service, the PD43 upholds the PD series' long tradition of reliable performance. 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 ink-in and ink-out ribbons with half-inch or one-inch core sizes—making it possible to maximize time between media resupply. Fast time-to-label and print speeds up to 200 mm/s (8 ips) ensure 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.

Add Honeywell's Medallion Complete Service Plan to ensure the highest levels of productivity, resource optimization, and uptime. For total protection, on-site support and preventative maintenance options are available.

Features

- **Incredibly Compact:** Small footprint for installation into compact tabletops and pull-out cabinets.
- **Built Strong:** Rugged metal chassis and print mechanism provide investment protection.
- **Easy to Use:** Intuitive, ten-language color display or icon interface simplifies setup and maintenance.
- **Built-In Command Languages:** Supports ESim, ZSim, DSim, IPL, and Direct Protocol right out-of-the-box.
- **Smart Printer:** Run apps right inside the printer, control peripherals, and eliminate the need for a connected PC, using either C# for Printers or Fingerprint.
- **Maintenance Made Easy:** Completely tool-free printhead and platen roller replacement.
- **Broad Media Compatibility:** Supports half- and one-inch ribbon cores, ink-in or ink-out.
- **Co-Engineered Media:** Extensively tested with Intermec co-engineered media products, ensuring optimized performance. Compatible with Honeywell's broad range of media products.
- **Available Accessories:** Customize with a wide range of available accessories such as a Wi-Fi/Bluetooth® module and cutter.

PD43 & PD43c Technical Specification

Physical Characteristics

Model	Length	Width	Height	Weight
PD43 with Standard Door	470 mm (18.5 in)	211 mm (8.3 in)	249 mm (9.8 in)	8.4 kg (18.5 lbs)
PD43 with Flat Top Door	470 mm (18.5 in)	211 mm (8.3 in)	209 mm (8.2 in)	8.3 kg (18.3 lbs)
PD43c	236 mm (9.3 in)	211 mm (8.3 in)	205 mm (8.1 in)	5.1 kg (11.2 lbs)
PD43c with Optional External Media Holder	432 mm (17.0 in)	211 mm (8.3 in)	217 mm (8.5 in)	6.0 kg (13.2 lbs)

Media Compatibility

Max. Media Diameter (OD)	PD43 with Standard Door: 213 mm (8.375 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, 1.5, 3 in
Media Width	19 mm (0.75 in) to 118 mm (4.65 in)
Label Length	6.4 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)

Communications

Standard Interfaces	USB Device, USB Host[1]
Optional – via Adapter Cables	Internal Ethernet (NIC), Parallel Port, Serial Port
Optional – Factory/ Service Installable	Bluetooth™ & 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	XON/XOFF, RTS/CTS (DTR/DSR)
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, & Composite Symbologies

Software

Printer Command Languages	Direct Protocol, IPL, DSim (DPL), ESim (EPL), ZSim (ZPL), XML-Enabled for SAP All & Oracle® WMS
Smart Printing Languages	C# for Printers, Fingerprint
Developer Tools	Smart Printing Developer Resource Kit, Intermec Fingerprint Application Builder (IFAB)
Applications & Drivers	InterDriver Windows Printer Driver, Certified Device Types for SAP, BarTender Ultralite
Device Management	PrintSet, SmartSystems™, Wavelink Avalanche™
Character Sets	English & Extended Latin, Arabic, Baltic & Baltic Rim, Cyrillic, Greek, Hebrew, Thai, Turkish, Vietnamese, & More with Monotype Universal Font Scaling Technology (UFST®) & WorldType Layout Engine (WTLE)
Resident Fonts	Andale Mono, Andale Mono Bold, Century™ Schoolbook, CG Times™, CG Times Bold, CG Triumvirate Bold Condensed, Letter Gothic™, OCR-A, OCR-B, Univers®, Univers Bold, Univers Condensed Bold, Univers Extra Condensed
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, UL 60950-1; 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

[1]PD43 supports two USB Host connectors

For more information:

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