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Pakistan



INDUSTRIAL PRINTERS

PM45

The Honeywell PM45 is built for smart label solutions that help enterprises enhance automation and intelligence in manufacturing and supply chain management for high operating efficiency.

Overview



Tailored for Today's Challenges

The Honeywell PM45 industrial printer meets rising demands for production flexibility, inventory turnover, and cost control. With track-and-trace functionality, it enhances printing efficiency and supply chain transparency across various industries, including food and beverage, pharmaceuticals, and manufacturing.

Superior Printing Performance

Built on the Honeywell print platform, the PM45 achieves speeds of up to 14 inches per second and a print registration of ± 0.5 mm, ensuring high-quality prints for barcodes, text, and images—including small labels for electronics and medical devices.

Seamless Connectivity

Featuring advanced WWAN connectivity, the PM45 adapts to diverse site network configurations and supports RFID, parallel, industrial, and applicator interfaces, allowing your business to scale seamlessly.

Smart Integration

Designed for intelligent manufacturing, the PM45 supports multiple network protocols and print languages. Honeywell's Smart Parse software enables quick label design adjustments, while Operational Intelligence allows for remote performance monitoring.

Maintenance Made Easy

Supporting various media types, including ink-in and ink-out ribbons with a 1-inch core size, the PM45 maximizes uptime. Its rugged all-metal mechanism and tool-free printhead replacement ensure reliability in demanding environments.

Specifications

FEATURES

Features

- Accurate & reliable high speed printing
- Broad connectivity options

2D Barcodes

- All major 2D barcodes

APPLICATIONS & COMPATIBILITY

Compatible Software

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

Application

- Food and beverage
- Healthcare
- Warehouse and distribution center

TECHNICAL SPECIFICATIONS

Compatible Drivers

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

Resolutions

- 203 dpi
- 300 dpi
- 406 dpi
- 600 dpi

Print Speeds

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

Print Method

- Direct Thermal
- Thermal Transfer

Linear Barcodes

- All major 1D barcodes

Downloadable Font Type

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

Printer Media Type

- Label
- Lined
- RFID
- Tag

Wireless Communication

- IEEE 802.11 a/b/g/n/ac
- TLS, PEAP, TTLS, PWD, LEAP, FAST
- WWAN Radio
- Wi-Fi Certified

Printer Command Language

- C# Smart Printing
- DPL
- Direct Protocol (DP)
- Fingerprint (FP)
- Intermec Printer Language (IPL)
- PDF
- XML-enabled for SAP All and Oracle WMS
- ZSim2 (ZPL-II)

RAM Memory

- 256 MB

Memory

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

Image File Format

- BMP
- GIF
- PCX
- PNG

Flash Memory

- 512 MB

Printer Connection Interface

- Applicator Interface
- Industrial interface
- Parallel Interface (IEEE 1284)
- RFID

Operating Frequency

- 50 - 60 Hz

- RS-232
- USB 2.0 Host (x2 PM45, x1 PM45C)

RFID Specifications

- RFID

Font Engine

- Monotype Font Engine
- WTLE for Global Language Support

Platform

- Honeywell Printer Edge

Bluetooth Specifications

- Bluetooth Classic 5.0

Network Specifications

- Ethernet 10/100 Mbps

DIMENSIONS & WEIGHT

Overall Dimensions

- PM45: L x H x W: 483 mm x 295mm x 284 mm (19.0 in x 11.11.6 in x 11.2 in)
- PM45c with Mega Door: L x H x W: 500 mm x 245 mm x 253 mm (19.7 in x 9.6 in x 10.0 in)
- PM45c: L x H x W: 432 mm x 181 mm x 253 mm (17.0 in x 7.1 in x 10.0 in)

Maximum Ribbon Length

- 450 m (1476 ft)

Weight

- PM45: 13.2 kg (29.1lbs)

Maximum Media Roll Diameter

- 213 mm (8.38 in)

ELECTRICAL SPECIFICATIONS

Operating Voltage

- AC Voltage: 100 to 240V AC, 50 to 60 Hz

OPERATING CHARACTERISTICS

Operating Temperature

- +41°F to +104°F
- +5°C to +40°C

Operating Humidity

- 20 - 85 % non-condensing

Storage Temperature

- -20°C to +70°C (-4°F to +152°F)

Storage Humidity

- 5 - 90 % non-condensing

OVERVIEW

Warranty Duration

- One year factory warranty

OTHERS

Print Width

- 4 inch

Print Volume

- Up to 10,000
- Up to 5,000

Print Technology

- Direct Thermal
- Thermal Transfer

Print Resolution


Industry

Connectivity

- 203 dpi
- 300 dpi
- 406 dpi
- 600 dpi

- Aerospace
- Healthcare
- Logistics & Warehouses
- Manufacturing

- Ethernet
- Wi-Fi

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50180201-001	STANDARD CUTTER, PM45C	SIGN IN
50180235-001	PLATEN ROLLER MODULE	SIGN IN
50180236-001	203 dpi TPH, PM45	SIGN IN
50180237-001	300 dpi TPH, PM45	SIGN IN
BTA-10-3YR	BARTENDER AA LICENSE + 10 PRINTERS, 3Y	SIGN IN
BTA-2-3YR	BARTENDER AA LICENSE + 2 PRINTERS, 3Y	SIGN IN
BTA-5-3YR	BARTENDER AA LICENSE + 5 PRINTERS, 3Y	SIGN IN
PM45A00000000200	PM45A, Icon Display, Ethernet, Fixed Hanger, TT, 203 DPI, No Power Cord	SIGN IN

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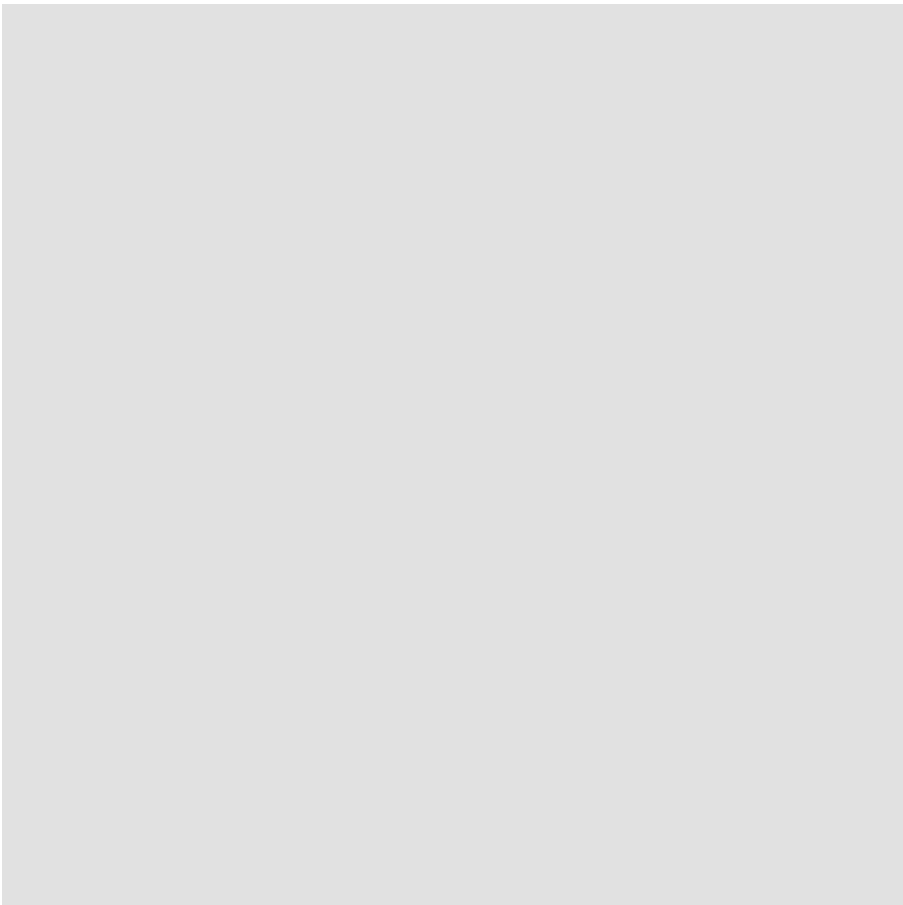
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BTA-10-3YR	BARTENDER AA LICENSE + 10 PRINTERS, 3Y
BTA-2-3YR	BARTENDER AA LICENSE + 2 PRINTERS, 3Y
BTA-2-3YR	BARTENDER AA LICENSE + 2 PRINTERS, 3Y
BTA-5-3YR	BARTENDER AA LICENSE + 5 PRINTERS, 3Y
BTA-5-3YR	BARTENDER AA LICENSE + 5 PRINTERS, 3Y
PM45A00000000200	PM45A, Icon Display, Ethernet, Fixed Hanger, TT, 203 DPI, No Power Cord
PM45A00000000200	PM45A, Icon Display, Ethernet, Fixed Hanger, TT, 203 DPI, No Power Cord



Honeywell PM45 Printer Video

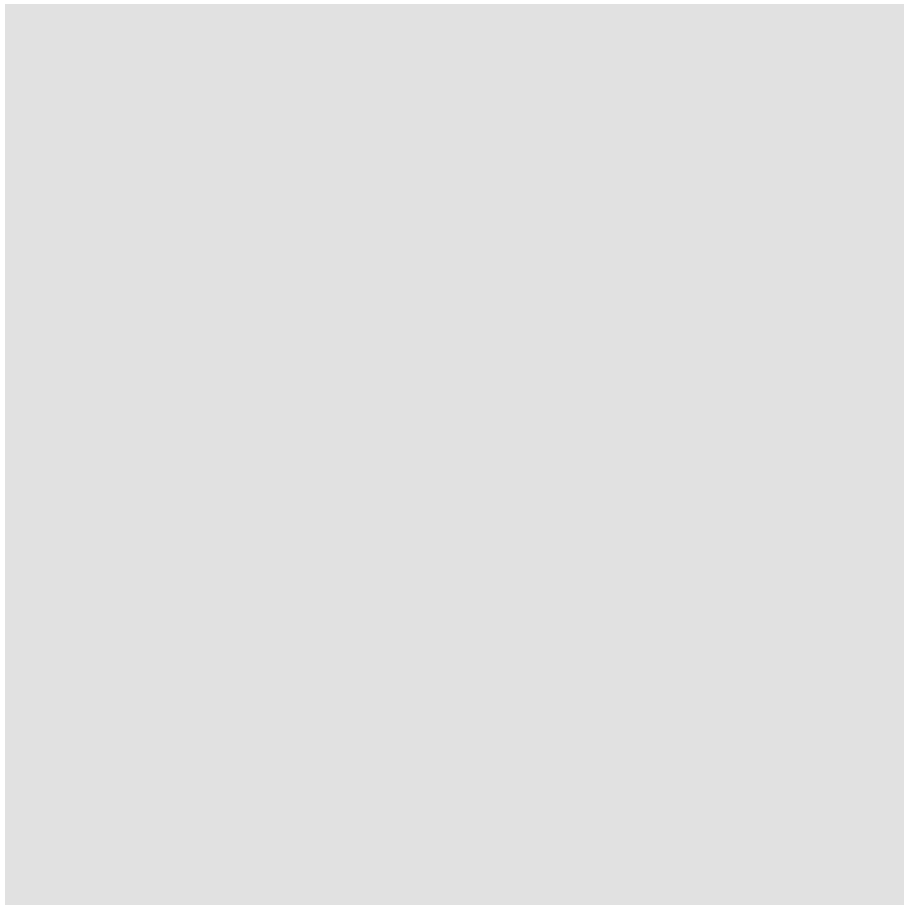
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Intelligence data insights, asset management and automation for specific pain points to improve functionality and increase ROI.

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