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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

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

Downloadable Font Type

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

Linear Barcodes

- All major 1D barcodes

Print Speeds

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

Print Method

- Direct Thermal
- Thermal Transfer

Resolutions

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

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 AII and Oracle WMS
- ZSim2 (ZPL-II)

Memory

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

Image File Format

- BMP
- GIF
- PCX
- PNG

Flash Memory

- 512 MB

RAM Memory

- 256 MB

Printer Connection Interface

- Applicator Interface
- Industrial interface
- Parallel Interface (IEEE 1284)
- RFID
- RS-232
- USB 2.0 Host (x2 PM45, x1 PM45C)

Operating Frequency

- 50 - 60 Hz

Bluetooth Specifications

- Bluetooth Classic 5.0

Network Specifications

- Ethernet 10/100 Mbps

RFID Specifications

- RFID

Font Engine

- Monotype Font Engine

Platform

- Honeywell Printer Edge

- WTLE for Global Language Support

FEATURES

Features

- Accurate & reliable high speed printing
- Broad connectivity options

2D Barcodes

- All major 2D barcodes

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)

Weight

- PM45: 13.2 kg (29.1lbs)

Maximum Ribbon Length

- 450 m (1476 ft)

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 Technology

- Direct Thermal
- Thermal Transfer

Print Resolution

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

Print Volume

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

Connectivity

- Ethernet
- Wi-Fi

Print Width

- 4 inch

Industry

- Aerospace
- Healthcare
- Logistics & Warehouses
- Manufacturing



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PART NUMBER	DESCRIPTION	ORDER ONLINE
50172012-008FRE	FRE, PM45, PCBA SA, PCB MLB	SIGN IN
50178308-001	KIT, FULL BATCH REWINDER	SIGN IN
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
PM45A00000000201	PM45A, ICON, ETH, F HGR, T203, USPC	SIGN IN
PM45A00000000210	PM45A, ICON, ETH, F HGR, D203, NOPC	SIGN IN
PM45A00000000211	PM45A, ICON, ETH, F HGR, D203, USPC	SIGN IN
PM45A00000000300	PM45A, ICON, ETH, F HGR, T300, NOPC	SIGN IN
PM45A00000000301	PM45A, ICON, ETH, F HGR, T300, USPC	SIGN IN
PM45A00000000310	PM45A, ICON, ETH, F HGR, D300, NOPC	SIGN IN
PM45A10000000200	PM45A, FT, ETH, F HGR, T203, NOPC	SIGN IN
PM45A10000000201	PM45A, FT, ETH, F HGR, T203, USPC	SIGN IN
PM45A10000000300	PM45A, FT, ETH, F HGR, T300, NOPC	SIGN IN
PM45A10000000301	PM45A, FT, ETH, F HGR, T300, USPC	SIGN IN
PM45A10000000400	PM45A, FT, ETH, F HGR, T406, NOPC	SIGN IN
PM45A10000000600	PM45A, FT, ETH, F HGR, T600, NOPC	SIGN IN
PM45A10000030200	PM45A, FT, ETH, F HGR, REW+LTS, T203, NOPC	SIGN IN
PM45A10000030201	PM45A, FT, ETH, F HGR, REW+LTS, T203, USPC	SIGN IN
PM45A10000030300	PM45A, FT, ETH, F HGR, REW+LTS, T300, NOPC	SIGN IN
PM45A10000030301	PM45A, FT, ETH, F HGR, REW+LTS, T300, USPC	SIGN IN
PM45A10000030400	PM45A, FT, ETH, F HGR, REW+LTS, T406, NOPC	SIGN IN
PM45A10000030600	PM45A, FT, ETH, F HGR, REW+LTS, T600, NOPC	SIGN IN
PM45A1000EU30200	PM45A, FT, ETH, F HGR, RFID EU, R+L, T203, NOPC	SIGN IN
PM45A10010030200	PM45A, FT, ETH, F HGR, PI, REW+LTS, T203, NOPC	SIGN IN
PM45A10010030300	PM45A, FT, ETH, F HGR, PI, REW+LTS, T300, NOPC	SIGN IN

PART NUMBER	DESCRIPTION	ORDER ONLINE
PM45A10010030600	PM45A, FT, ETH, F HGR, PI, REW+LTS, T600, NOPC	SIGN IN
PM45A10020030200	PM45A, FT, ETH, F HGR, IND, R+L, T203, NOPC	SIGN IN
PM45A10020030300	PM45A, FT, ETH, F HGR, IND, R+L, T300, NOPC	SIGN IN
PM45A10030030200	PM45A, FT, ETH, F HGR, APP, R+L, T203, NOPC	SIGN IN
PM45A10030030300	PM45A, FT, ETH, F HGR, APP, R+L, T300, NOPC	SIGN IN
PM45A10NA0030201	PM45A, FT, ETH, F HGR, RFID NA, R+L, T203, USPC	SIGN IN
PM45A10NA0030301	PM45A, FT, ETH, F HGR, RFID NA, R+L, T300, USPC	SIGN IN
PM45A11000000301	PM45A, FT, E+BT+WL NA, F HGR, T300, USPC	SIGN IN
PM45A12000000200	PM45A, FT, E+BT+WL ROW, F HGR, T203, NOPC	SIGN IN
PM45A12000000300	PM45A, FT, E+BT+WL ROW, F HGR, T300, NOPC	SIGN IN
PM45A12000000400	PM45A, FT, E+BT+WL ROW, F HGR, T406, NOPC	SIGN IN
PM45A12000000600	PM45A, FT, E+BT+WL ROW, F HGR, T600, NOPC	SIGN IN
PM45CA0000000200	PM45CA, ICON, ETH, F HGR, T203, NOPC	SIGN IN
PM45CA0000000210	PM45CA, ICON, ETH, F HGR, D203, NOPC	SIGN IN
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PM45CA1000000200	PM45CA, FT, ETH, F HGR, T203, NOPC	SIGN IN
PM45CA1000000300	PM45CA, FT, ETH, F HGR, T2300, NOPC	SIGN IN
PM45CA1000000600	PM45CA, FT, ETH, F HGR, T600, NOPC	SIGN IN
PM45CA1000030200	PM45CA, FT, ETH, F HGR, REW+LTS, T203, NOPC	SIGN IN
PM45CA1000030210	PM45CA, FT, ETH, F HGR, REW+LTS, D203, NOPC	SIGN IN
PM45CA1010000200	PM45CA, FT, ETH, SHORT, F HGR, T203, NOPC	SIGN IN
PM45CA1010030200	PM45CA, FT, ETH, SHORT, F HGR, R+L, T203, NOPC	SIGN IN
PM45CA1010030300	PM45CA, FT, ETH, SHORT, F HGR, R+L, T300, NOPC	SIGN IN
PM45CA1010030600	PM45CA, FT, E, SHORT, F HGR, R+L, T600, NOPC	SIGN IN
PM45CA1020000200	PM45CA, FT, ETH, MEGTOP, F HGR, T203, NOPC	SIGN IN
PM45CA1020030200	PM45CA, FT, ETH, MEG, F HGR, R+LT, T300, NOPC	SIGN IN
PM45CA1200030210	PM45CA, FT, E+BT+WL, F, R+L, D203, NOPC	SIGN IN
PM45G10010030201	TAA, PM45A, FT, ETH, F HGR, PI, R+L, T203, USPC	SIGN IN
PM45G10010050201	TAA, PM45A, FT, ETH, F HGR, PI, FR+L, T203, USPC	SIGN IN

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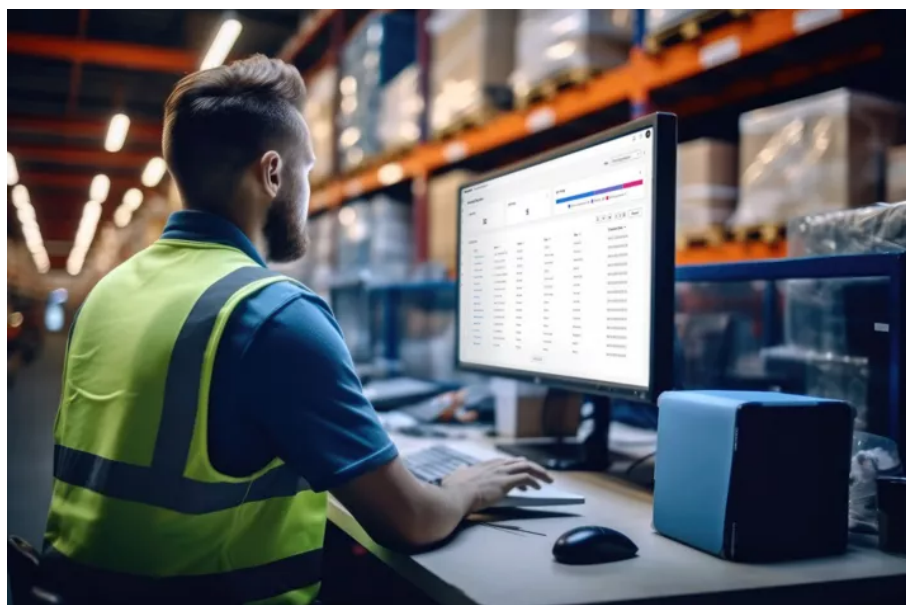
PART NUMBER	DESCRIPTION
50172012-008FRE	FRE, PM45, PCBA SA, PCB MLB
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50178308-001	KIT, FULL BATCH REWINDER

50178308-001	KIT, FULL BATCH REWINDER
50180201-001	STANDARD CUTTER,PM45C
50180201-001	STANDARD CUTTER,PM45C
50180235-001	PLATEN ROLLER MODULE
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50180236-001	203 dpi TPH, PM45
50180236-001	203 dpi TPH, PM45
50180237-001	300 dpi TPH, PM45
50180237-001	300 dpi TPH, PM45
BTA-10-3YR	BARTENDER AA LICENSE + 10 PRINTERS, 3Y
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

Complete Your Solution



Honeywell Operational Intelligence

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

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Maximize the value of your printers with complete support throughout the full lifecycle.

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Honeywell
Industrial Automation
855 S Mint St
Charlotte, NC 28202
800-582-4263

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