

PM45 / PM45C

工業型條碼機

霍尼韋爾PM45系列工業印表機專為在嚴苛工業環境中進行高品質標籤列印而設計。產品具備無線廣域網路通信功能，可實現24/7全天候資料通信，即時查看多個位置的重要資料。

如今，企業在生產靈活性、庫存周轉以及成本控制等方面面臨著日益嚴峻的挑戰。PM45工業印表機列印精度高、速度快並具有跟蹤追溯功能，可在食品飲料、製藥、生產、倉儲和配送中心管理等領域幫助企業提高生產效率和供應鏈透明度，消除運營瓶頸。

該印表機秉承霍尼韋爾列印平臺，堅固耐用，列印速度高達14ips，精度可達 $\pm 0.5\text{mm}$ ，即使在較小的電子元件和藥品標籤上也能穩定列印出高品質的條碼、文本和圖像。配備先進的無線廣域網路聯網功能，易於部署，網站網路拓撲限制少。此外，PM45可擴展性好，可集成RFID、並口、工業和貼標機介面，滿足您未來的業務發展需求。

PM45支援多種網路通訊協定及列印語言，可通過本機伺服器或雲端輕鬆集成到現有系統中，促進生產和供應鏈管理的智慧化轉型。內置霍尼韋爾軟體工具Smart Parse，使得使用者無需更改後臺系統或任何程式設計技能即可快速調整列印物件和條碼的位置和大小或更改標籤上的字體。通過霍尼韋爾運營智慧軟體，PM45印表機具備遠端故障診斷和輸出性能監測功能，方便印表機監控和管理。

PM45支持多種介質，包括配備1英寸碳帶芯的內外碳帶，可最大程度延長介質補給時間。霍尼韋爾固件平臺支援多種列印語言，可輕鬆替代現有霍尼韋爾或其它品牌的印表機。採用堅固的全金屬外殼、打印頭易更換、免工具拆換的壓紙輥筒，將停機時間和維護需求降至最低。

霍尼韋爾PM45印表機專為提供智慧標籤解決方案而設計，致力於幫助企業提升運營效率以及生產和供應鏈管理的自動化和智慧化水準。



Honeywell

產品特性和優勢



霍尼韋爾網路安全解決方案管理的通用軟體平台可提供全生命週期的安全升級。



作為一種可擴展、可升級的解決方案，能夠有效消除未來業務發展的瓶頸。



首款專為M2M和IoT應用而設計、採用無線廣域網通信的工業印表機。



運營智慧軟體MDM工具可為印表機性能提供預測性分析和資料，同時還支持SOTI和PrintSet MC。



智慧列印功能使得客戶在沒有主機的情況下也能完成配置和列印。

八旺
集團



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corporation
BarWand

PM45/PM45c Technical Specifications

PHYSICAL CHARACTERISTICS

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)

Weight: 13.2 kg (29.1lbs)

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: 12.6 kg (27.7 lbs)

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)

Weight: 12.8 kg (28.0 lbs)

PM45/45C PRINT SPECIFICATIONS

Max.Width at 203 dpi: 108 mm (4.25 in)

Max.Width at 300 dpi: 105.7 mm (4.17 in)

Max.Width at 406 dpi: 104 (4.09 in)

Max.Width at 600 dpi: 105.6 mm (4.16 in)

Max.length at 203 dpi: 4.8 m (189 in)

Max.length at 300 dpi: 2.2m (85in)

Max.length at 406 dpi: 1.2 m (47.2 in)

Max.length at 600 dpi: 0.55m (22in)

WIRELESS CONNECTIVITY

WLAN: IEEE 802.11 a/b/g/n/ac;
Wi-Fi certified, 1x1 SISO

Additional WLAN Features:
802.11d/e/h/i/k/r

Security: OPEN, WEP, WPA/WPA2
(Personal and Enterprise),

Supported EAP: TLS, PEAP, TTLS, PWD,
LEAP, FAST

Bluetooth: V5.0 Bluetooth and BLE
Supported

WWAN: WWAN Radio

CAT4 LTE Modem

MIMO - Main/Rx-diversity

LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/
B13/ B18/B19/B20/B25/B26/B28

LTE TDD: B38/B39/B40/B41

UMTS: B1/B2/B4/B5/B6/B8/B19

GSM: B2/B3/B5/B8

Slot: Micro Sim Card slot x 1

PRINT SPEED

At 203 dpi: 50-350 mm/s (2-14ips)

At 300 dpi: 50-300 mm/s (2-12ips)

At 406 dpi: 50-250 mm/s (2-10ips)

At 600 dpi: 50-150 mm/s (2-6ips)

PRINT RESOLUTION

At 203 dpi: 8 dots/mm

At 300 dpi: 11.8 dots/mm

At 406 dpi: 16 dots/mm

At 600 dpi: 23.6 dots/mm

PM 45/45C MEDIA SPECIFICATION

Type: Labels and Tags and Lined media

Max./Min.Width: 114/19 mm (4.5/0.75 in)

Thickness: 3 mil to 10.4 mil

Configuration: Roll-fed or fan-fold

Media Sensing: Gap, Notch, Black mark,
Continuous, Media low, Media end

Other sensing: Label Taken sensing,
Ribbon Low/End sensing, Head lift sensing

Label Roll Max.Diameter: 152 mm (6 in) for
PM45c long door models; 213 mm (8.38 in)
for all other models of PM45/PM45c

Label Roll Core ID: 38-76 mm (1.5-3 in)

RIBBON SPECIFICATION:

Type: Wax, mid-range and resin

PM45:

PM45 Roll Max. Diameter: 80 mm
(3.15 in), capacity of 450 m (1,476 ft)

PM45c:

PM45c Roll Max. Diameter: 61 mm
(2.40 in), capacity of 229 m (751 ft)

Media:

Ribbon Core ID: 25mm (1 in)

Genuine Honeywell Media:

[https://sps.honeywell.com/us/en/
products/productivity/prINTER-supplies](https://sps.honeywell.com/us/en/products/productivity/prINTER-supplies)

INTERFACES

Standard:

Ethernet 10/100 Mbps

USB 2.0 Host (x2 PM45, x1 PM45C)

USB 2.0 Device

RS-232, up to 115.2 KB/s

Optional:

Parallel Interface (IEEE 1284)

Industrial interface – eight digital
in/out, four analog relays, one
RS232/422/485 port

Applicator Interface – Ext Error 8-pin mini-
DIN, Z-style standard DB15 port, S-style
standard 14-pin Centronics, Ext Power
6-pin mini-DIN

RFID – Supports EPC Class 1 Gen2,
18000-6C. Radio configured to comply
with local UHF RFID regulations including
FCC and ETSI. Contact local representative
for availability in particular region.

Supported Network Protocols:

TCP/IP suite (TCP, UDP, ICMP, IGMP), LPR/
LPD, Telnet/SSH, FTP/SFTP, BOOTP,
DHCP, HTTP/HTTPS, SNMPv1/2c/3,
SNMP-MIBII supported – over UDP/IP
(private enterprise MIB included), SMTP
Supports IPv4 and IPv6

SOFTWARE

Printer Command Languages:

Fingerprint (FP)

Direct Protocol (DP)

Intermec Printer Language (IPL)³

ZSim2 (ZPL-II), DPL, XML-enabled for SAP®
All and Oracle® WMS, PDF, C#

Applications/Drivers:

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

Smart Printing Languages:

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

Configuration and Device Management Support (optional):

OpIntel –

PrintSet 5 for printer configuration;
sophisticated web interface for
configuration, upgrades and 1:1
management; Print Set MC (Android™ and
Apple® iOS) for printer configuration via
Bluetooth LE only

BARCODES/FONTS/GRAPHICS

Barcode Symbolologies: All major 1D and 2D
symbolologies 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

GRAPHICS

Supports PCX, PNG, GIF and
BMP file formats.

Other formats supported with Label
Generation Tools.

MEMORY

Standard: 512 MB Flash memory, 256 MB
SDRAM, Multi-GB USB memory device
(FAT16/FAT22)

User Partitioning: 256MB

USER INTERFACE

Full Touch UI, Icon UI

USER INTERFACE LANGUAGES

On Full Touch LCD and Web Interface:

English, Russian, German, French,
Portuguese, Spanish, Italian, Korean,
Thai, Japanese, Simplified and
Traditional Chinese