

Honeywell PM42

TECHICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Length: 484 mm

Height: 292 mm

Width: 283 mm

Weight: 12.1 kg

PRINT SPECIFICATIONS

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

Max. Width at 300dpi: 106 mm (4.17 in)

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

Max. Length at 203dpi: 4.8 m (15.75 in)

Max. Length at 406dpi: 1.2 m (3.94 in)

PRINT SPEED

At 203/300 dpi: 100-300 mm/s (4-12 ips)

At 406 dpi: 100-250 mm/s (4-10 ips)

PRINT RESOLUTION

At 203 dpi: 8 dots/mm

At 300 dpi: 11.8 dots/mm

At 406 dpi: 16 dots/mm

MEDIA

Type: Labels and Tags, Linerless and Lined media

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

Thickness: 3 to 10.4 mil

Configuration: Roll-fed or fanfold

Sensing: Gap, notch, black mark, continuous

Label Roll Max. Diameter: 213 mm (8.38 in)

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

Type: Ribbons

Roll Max. Diameter: 80 mm (3.15 in), approx.450 m

Core ID: 25 mm (1 in)

Type: Wax, mid-range, resin

Genuine Honeywell Media: www.honeywellaidc.com/media



INTERFACES

Standard:

- Ethernet 10/100 Mbps
- RS-232, up to 115.2 KB/s
- Supported Serial Protocols:
 - Fingerprint/Direct Protocol: XON/XOFF、ENQ/ACK、DSR/DTR、RTS/CTS
 - IPL: XON/XOFF, Honeywell Std. Protocol
- USB 2.0
- USB Host

Optional:

- Parallel IEEE 1284

Supported Protocols:

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

SOFTWARE

Printer Command Languages:

- IPL, DP, ZSim2.0 (ZPL), DSim (DPL)
- XML enabled for SAP® All and Oracle® WMS

Applications/Drivers:

- InterDriver™ Windows® printer driver
- Honeywell Certified Device Types for SAP®
- Honeywell label design and print package

Smart Printing Languages:

- Honeywell C# for Printers
 - Smart Printing Developer Resource Kit
 - Write apps with .NET-compatible development environments
- Honeywell Fingerprint
 - Use Honeywell Fingerprint ApplicationBuilder (IFAB)

Configuration & Device Management Support:

- PrintSet for printer configuration
- SmartSystems™ for remote management
- Sophisticated web interface for configuration, upgrade and 1:1 management
- ~~Wavelink-Avalanche™~~ *

** will not be released with China version, could be easily added for ROW version if needed.*

BARCODE SYMBOLOGIES

All major 1D and 2D symbologies are supported, includes

Aztec, Code 16K, Code49, DataMatrix, DotCode, EAN-8, EAN-13, EAN.UCC 128, GridMatrix, HIBC 39, HIBC 128, MaxiCode, MSI (modified Plessey), PDF417, Micro PDF417, Planet, Plessey, Postnet, QR-Code, RSS-14(variations)

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: 128MB Flash memory, 128 MB SDRAM, Multi-GB USB memory device (FAT16/FAT32)

USER INTERFACE

Color graphic UI with buttons, supports end-user customization

USER INTERFACE LANGUAGES

On Color LCD and web Interface: English, Russian, German, French, Portuguese, Spanish, Italian, Simplified and Traditional Chinese

POWER SUPPLY

AC Voltage: 100 to 240 VAC, 45 to 65Hz

PFC Regulation: IEC320/C14

Power Consumption: Standby 9W; Peak 300W

OPERATING ENVIRONMENT

Ambient Operating Temperature:

+5°C to +40°C (+41°F to +104°F)

Storage Temperature:

-20°C to +70°C (-4°F to 152°F)

Humidity: 20 to 80%, non-condensing

REGULATORY APPROVALS

RoHS Compliant, CCC

OPTIONS AND ACCESSORIES

Consult the PM Series Accessory Guide for full details:

Cutter, Self-strip, rewinder, parallel IEEE 1284