

PM65 SERIES INDUSTRIAL PRINTER



WHY HONEYWELL

The Honeywell PM65 industrial printer offers high quality printing along with remote configuration and diagnostics functionalities that help increase production efficiency and supply chain transparency.

WORKHORSE PRINT MECHANISM

A rugged, all-metal print mechanism, easy printhead replacement, and tool-free platen roller replacement help minimize downtime and maintenance needs. The bi-fold door design reduces the printer footprint so you can locate the printer closer to where it's needed.

HONEYWELL PRINTER EDGE™

Honeywell Printer Edge supports continuous visibility across your printer network. No more managing multiple printers or manual printer intervention. Honeywell Printer Edge will be your single source for managing your printers from desktop to mobile, down to industrial printers in various environments and multiple use cases.

The platform takes you beyond printing with a built-in comprehensive management system with features that are designed with your workers in mind. Remote management, reliable security, a single software toolkit and more provide you with the right tool you need to help take back control and save time.

ENHANCED DATA SECURITY

The firmware's built-in features include user permission for configuration help to secure printing operations and protect your business from data vulnerabilities and security breaches. The built-in trusted platform module can generate, encrypt, and decrypt keys independently, offering a secured communication to the PM65 that transfers and stores data over the IoT network.

ADVANCED CONNECTIVITY

Multiple wireless connectivity options help improve productivity. Wi-Fi 6 offers high speed and low latency of data transfer with low power consumption. Bluetooth® 5.1 results in two times data transfer speed and four times transmission distance versus printers using Bluetooth 4.2. 4G LTE designed for M2M and IoT applications supports 24/7 data communication and real-time visibility.

OVERVIEW

The Honeywell PM65 industrial printer is built for smart label solutions that help enterprises enhance automation and intelligence in manufacturing and supply chain management for high operating efficiency.

Efficiency and reliability of printing operations are essential for successful workflows. Honeywell Printer Edge provides centralized management and real-time monitoring of your printer network and may help reduce printer downtime and improve the speed and accuracy of printer operations. With effortless integration, a user-friendly interface, enhanced security, and a single software toolkit, you can keep your operations running smoothly while helping reduce costs and maximize productivity. The Print Set MC application allows you to quickly connect and configure the printers from your preferred Android™ or iOS device, and optional Honeywell Operational Intelligence enables the printers with the capability of remote management for issue diagnostics and output performance tracking.

INDUSTRY APPLICATION

- Warehouse
- Distribution center
- Manufacturing
- Automotive
- Gas & Oil

HEAD TO HEAD

HIGHLIGHTS

Feature-rich Software Suite

- Print Set MC – mobile configuration tool that optimizes daily management.
- Printer Remote Control – Diagnosis and technical support from a remote PC to reduce downtime.
- Multiplatform SDK – Minimize the time and effort needed for developing print solutions.

Highly connected and scalable

- Wi-Fi 6, Bluetooth 5.1 and WWAN connectivity.
- Optional RFID, parallel, industrial, and applicator interfaces.

Minimal maintenance effort

- One push to loosen ribbon removal.
- One flip print head removal and installation.
- User-friendly media loading.



Attribute	Honeywell PM65	Zebra ZT421*	TSC MH261/361T*	Sato CL6 NX	Differentiation
Connectivity	WLAN: IEEE 802.11 a/b/g/n/ac/ax BT: V5.1 Bluetooth WWAN: 4G LTE (Upgradable)	Dual band 802.11ac Wi-Fi and Bluetooth 4.2 Optional: Wi-Fi 6 or Wi-Fi 5	WLAN: 802.11 a/b/g/n/ac BT: Bluetooth 4.2	Dual Band 802.11 a/b/g/n/ac Bluetooth Ver. 3.0	Wi-Fi 6 and Bluetooth 5.1 offer faster data transfer speed WWAN connectivity enables deployment with minimal limitation from site network topology
Media Door	Bi-fold door with window	Bi-fold door with window	Single door with window	Bi-fold door with window	Bi-fold door design saves space in workplace
Max Media Width (Inch)	2" to 7"	2" to 7"	2" to 6.8"	1.85"-6.97"	Supports more media options compared with MH261/361T
MDM	Operational Intelligence, SOTI	SOTI, Airwatch	TSC Console, SOTI	SOS Sato Online Services SOTI	Operational Intelligence offers operations more ways to improve efficiency
Remote Control	Yes	No	No	No	Enables real-time diagnosis and technical support from a remote PC to reduce downtime
Energy Star	Certified	Certified	Certified	Certified	Environmentally friendly
EMC grade	Class B	Class B	Class A	N/A	Domestic appliance level electromagnetic radiation.

<https://www.zebra.com/us/en/products/printers/industrial/zt400-series.html>

<https://usca.tscprinters.com/en/products/mh-series-6-inch-performance-industrial-printers>

<https://www.satoamerica.com/products/printers/industrial-thermal-printers/cl6nx-plus#accessories>

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KEY DIFFERENTIATORS

PM65 offers an innovative solution to help make sure the printer maintains performance at peak levels.

Differentiated Features	End User Value
Wi-Fi 6	40% higher data transfer speed and lower power consumption by comparison with Wi-Fi 5.
Bluetooth 5.1	Two times data transfer speed and four times transmission distance versus Bluetooth 4.2.
WWAN Connectivity	Enables 24/7 data communication and real-time visibility of critical data from a wide range of locations.
Printer Remote Control	Real-time diagnosis and technical support from a remote PC to reduce downtime.
Build-in Trusted Platform Module	Hardware-based security protection brings encryption functions and detect manipulation protections to higher level of security.
Honeywell Printer Edge	Offers feature rich suite that optimizes labeling efficiency.

What is new	Accessories
• New User Interface with user-friendly menu structure • Bi-fold door design reduces printer footprint • Dual Band Wi-Fi 6 + Bluetooth 5.1 • WLAN Security WPA3 (Personal and Enterprise) • Moveable RFID antenna coupler for accurate printing • Build-in trusted platform module • PrinterSet MC Application for remote configuration • Printer remote control enables real-time diagnosis and technical support	• Printhead: 203 dpi, 300 dpi • Standard Cutter • Wi-Fi/Bluetooth Card: WLAN 802.11 a/b/g/n/ac/ax BT V5.1 Bluetooth for NA and ROW • RFID Kit: NA and EU • Interface Cards: Parallel, Industrial, Applicator • Internal Rewinder/Peel Off Kit • Platen Roller • Collapsible core, 3" media core • Large media arm edge guide • Label Dispenser • USB cable, Serial cable, Parallel cable • Power cord: US, EU, UK, AU, CN, IN, Denmark • Printhead cleaning card

INDUSTRY ISSUE

Automated Labeling Solutions

Warehouse and distribution center workflows have a need to become more digital and automated to address inventory turnover and labor shortage challenges. Therefore, enterprises require automated print software that can improve labeling productivity and reduce downtime. The PM65 delivers a feature rich software suite to ease system integration, remote control and diagnostics.

- Print Set MC application enables printer configuration from Android or iOS device.
- Printer Remote control enables IT and technical support to see and control the printers from a remote computer.
- Smart printing capability allows users to configure and print without the need for a host computer.
- With the embedded Honeywell software tool Smart Parse, users can quickly change the position, size of objects and barcode, or font type on labels.
- Multiplatform SDK can help to minimize the time and effort needed when developing your own print solutions. Development kit/API for customers to develop applications in C#, C++, JAVA, C; Xamarin for Android, Windows®, and iOS devices.

Cloud Security

PM65 is equipped with a built-in trusted platform module that can generate, encrypt, and decrypt keys independently. The keys are stored in the hardware so it's extremely difficult to access without authority, thus protecting business privacy and data security.

OBJECTIVE HANDLING

Q Why purchase the PM65 over competitive offerings?

A PM65 provides wide board of advanced wireless connectivity options to minimize the limitation of the existing network topology. It equips with hardware-based security protection that brings encryption functions and detects manipulation protections for higher level of security. Optional Honeywell Operational Intelligence provides actionable insights into critical areas such as mobility devices, printer usage, and network connectivity. These insights can be turned into automated workflows that optimize workflow processes for greater productivity.

Q What will be the benefits to invest on PM65 when I have some PM45 on the field?

A The PM65 and PM45 have the same architecture and rely on the same spare parts. PM45 learnings can be applied to PM65, reducing training time and costs.

Q What is Honeywell Printer Edge™?

A Honeywell Printer Edge™ is a platform that provides a centralized management system for your printer network. Allowing real-time visibility, automated software updates, and enhanced security. This efficient and cost-effective solution for businesses looking to optimize printer operations, Honeywell Printer Edge streamlines workflows and helps reduce downtime, making it easier for you to manage costs.

Q What are the main facts cause printer downtime and how PM65 reduce downtime??

A Downtime can be caused by many factors, including media or ribbon running out, printhead, platen roller or other spare parts wearing out and connectivity loss. These can be minimized by checking printer status or receiving alerts from PM65's troubleshooting software Print Set MC and optional MDMs such as Operational Intelligence and SOTI Connect.

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WHAT'S IN THE BOX

- PM65 Printer
- US Power Cord (for US SKU)
- Collapsible Core (TT model)
- Batch Plate and Ribbon Core (Rewinder model)
- Regulatory Sheet

SERVICES

- Beginning-to-end support with Edge Service.
- Acquire – Keep project on schedule and on budget
- Deploy and set up – Ensure that devices are ready to use from day one
- Track and monitor – with Operational Intelligence
- Optimize – Manage your MDM solution
- Asset retirement – Assist in resell or recycle
- Honeywell Platinum – A total solution contract to maximize uptime
- 24x7x365 Helpdesk

SALES / REFERENCES MATERIALS

- Data Sheet
- Accessories Guide
- Configuration Guide
- Product Launch Notice
- Customer/Partner-Facing Document
- Sales Playbook
- SPS University Training Course
- Infographic
- User Manual/ Accessory User Manual