



HONEYWELL THERMAL PRINTERS & MEDIA SUPPLIES

Honeywell



Honeywell: The Smarter Choice for Thermal Printing & Supplies

With over 40 years of experience developing industry-leading barcode printing solutions, you can depend on Honeywell for intelligent thermal printing solutions. From rugged and dependable fixed industrial printers, to lightweight and ergonomic mobile printers—and everything in between—you now have a trusted partner when it comes to your thermal printing needs.

You now have a smarter choice when it comes to barcode label printing: Honeywell. We've built a reputation for thermal printers that are easier to use, smarter by design, and pack performance that ensures the productivity of your operations. We don't just make printers—we provide solutions that maximize your workflows.

Easier to Install, Easier to Use

Upgrading to the latest in thermal printing technologies is now easier than ever. Honeywell printers are available with full-color, multi-lingual graphic displays that provide step-by-step wizards for first-time deployment, and simplify common maintenance tasks.

Considering an upgrade from another printer brand? Honeywell printers feature comprehensive emulation support for all common printer command languages, eliminating the need to rewrite printing scripts or label formats. Simply install the printer, select your print language, and you're ready to print.

Smarter By Design

Smart Printing technology, a Honeywell innovation, removes the need for a connected PC and puts the brain of a computer right inside the printer. That's right: Smart Printing completely eliminates the need for an attached PC and all of the maintenance hassle that comes with it. Honeywell Smart Printers can control peripherals—handheld scanners, scales, and keyboards—and can run standalone apps, developed in C# for Printers or Fingerprint.

Productivity Enablers

You don't have time to wait on a label, and with Honeywell printers, you won't have to. We've prioritized speed and reliability in all of our designs, which is why you'll find many of our printers offering class-leading printing throughput. Along with fast print speeds, our industrial printers feature full-metal enclosures with cast aluminum print mechanisms capable of 24/7 mission critical print duties, while many of our mobile printers feature ruggedized designs that can take the punishment your mobile workers dish out—all day, every day.





Industrial Printers: Leading the Pack

Honeywell industrial printers blend performance and reliability to maximize your most important labeling workflows. Our industrial ticket and tag printers cover any type of application—from commercial, light-volume needs to rugged, round-the-clock printing performance. Recognized for durability and mission-critical reliability, Honeywell industrial printers feature comprehensive network connectivity and security; industry-leading print performance and quality; powerful device health monitoring and remote management capabilities; and Smart Printing, a technology which eliminates the need for a connected PC entirely.

High Performance Printers




- Built for mission critical applications and 24x7 operation.
- Typically 5,000-10,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics, and healthcare environments.

| Product | Family | Max. Media Width | Max. Print Speed | Print Resolution | Connectivity | Print Languages |
|---|------------|------------------|-------------------|---|---|---|
|  | H-Class 4* | 4.65 in (118 mm) | 12 ips (304 mm/s) | 203, 300, 406, 600 dpi (8, 12, 16, 24 dpmm) | Serial (RS232), Parallel, Ethernet LAN (10/100), USB 2.0 Compatible, Wireless 802.11b/g*, GPIO Applicator Card* | ZPL (Zebra), IPL (Intermec), PL-B (Boca), DPL (Datamax) |
| | H-Class 6* | 6.70 in (170 mm) | 12 ips (304 mm/s) | 203, 300 dpi (8, 12 dpmm) | | |
| | H-Class 8* | 9.00 in (229 mm) | 8 ips (203 mm/s) | 300 dpi (12 dpmm) | | |
| | H-8308p 9* | 9.00 in (229 mm) | 8 ips (203 mm/s) | 300 dpi (12 dpmm) | USB 2.0, Dual USB Host, Ethernet LAN (10/100), GPIO Applicator Card and Serial (RS232)*, Wireless 802.11b/g* | PCL5e, PCL6/XL |
|  | PX4i (4") | 4.40 in (112 mm) | 12 ips (304 mm/s) | 203, 300, 406 dpi (8, 12, 16 dpmm) | Serial (RS232), Parallel*, Ethernet LAN (10/100), Wireless 802.11b/g*, Industrial Interface*, Dual Serial (RS232)*, Wireless 802.11b/g* | IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax) |
| | PX6i (6") | 6.69 in (170 mm) | 9 ips (225 mms) | 203, 300 dpi (8, 12 dpmm) | | |

* Optional accessory

Mid-Range Printers



- Rugged and reliable, for medium- to high-volume labeling applications.
- Typically 2,000 to 7,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics and healthcare environments.

| Product | Family | Max. Media Width | Max. Print Speed | Print Resolution | Connectivity | Print Languages |
|---|-----------------------|------------------|-------------------|------------------------------------|---|--|
|  | PM43 4" | 4.49 in (114 mm) | 12 ips (304 mm/s) | 203, 300, 406 dpi (8, 12, 16 dpmm) | Serial (RS232), Ethernet LAN (10/100), Wireless 802.11 b/g/n* USB 2.0, USB Host, Parallel*, Industrial Interface*, Dual Serial RS232*, Dual USB Host* | IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), C# for Printers |
| | PM43c 4" | 4.49 in (114 mm) | 12 ips (304 mm/s) | 203, 300, 406 dpi (8, 12, 16 dpmm) | | |
| | PM23c 2" | 2.72 in (69 mm) | 12 ips (304 mm/s) | 203, 300, 406 dpi (8, 12, 16 dpmm) | | |
|  | I-Class 4" | 4.65 in (118 mm) | 12 ips (304 mm/s) | 203, 300, 600 dpi (8, 12, 24 dpmm) | Serial (RS232), Parallel, USB 2.0, Ethernet LAN (10/100)*, Wireless 802.11a/b/g*, Dual USB Host*, SDIO*, GPIO* | AutoDetect: DPL (Datamax), ZPL (Zebra), IPL (Intermec) |
|  | Performance Series 4" | 4.16 in (106 mm) | 10 ips (254 mm/s) | 300, 600 dpi (12, 24 dpmm) | USB 2.0, Ethernet LAN (10/100), Wireless 802.11b/g*, Applicator GP I/O & Serial (RS232)*, USB Host* | PCL5e & PCL6 |

* Optional accessory



Commercial Printers

- For light duty industrial and commercial applications.
- Typically 1,000-4,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics, healthcare and retail environments.

| Product | Family | Max. Media Width | Max. Print Speed | Print Resolution | Connectivity | Print Languages |
|---|------------|------------------|-------------------|---------------------------|--|--|
|  | PD43 4" | 4.65 in (118 mm) | 8 ips (203 mm/s) | 203, 300 dpi (8, 12 dpmm) | USB 2.0, USB Host, Ethernet LAN (10/100)*, Serial (RS232)*, Parallel*, Bluetooth & Wireless 802.11b/g/n* | IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), EPL (Eltron), C# for Printers |
| | PD43c 4" | 4.65 in (118 mm) | 8 ips (203 mm/s) | 203, 300 dpi (8, 12 dpmm) | | |
|  | M-Class 4" | 4.25 in (108 mm) | 10 ips (254 mm/s) | 203, 300 dpi (8, 12 dpmm) | USB 2.0, Serial (RS232), Parallel, Ethernet LAN (10/100)*, Wireless 802.11b/g* | ZPL (Zebra), IPL (Intermec), FGL (Boca) |

Ultra Compact Printers

- Small but mighty, these versatile printers can be fit into even the smallest of spaces, while still offering true industrial printing performance.
- The MP Compact can even be mounted directly on a forklift.
- Capable of printing up to 4,000 labels per shift.
- Ideal for warehouses, distribution centers, manufacturing, and transportation and logistics environments.

| Product | Family | Printer Type | Max. Media Width | Max. Print Speed | Print Resolution | Connectivity | Print Languages |
|---|----------------------|---|------------------|-------------------|---------------------------|---|--|
|  | MP Compact 4" | Direct Thermal Compact Stationary Printer | 4.50 in (114 mm) | 5 ips (125 mm/s) | 203, 300 dpi (8, 12 dpmm) | USB 2.0, Serial (RS232), Ethernet LAN (10/100), Wireless 802.11b/g* | IPL (Intermec), ZPL (Zebra), DPL (Datamax), FGL (Boca) |
| | MP Compact Mobile 4" | Direct Thermal Compact Forklift Printer | 4.50 in (114 mm) | 5 ips (125 mm/s) | 203, 300 dpi (8, 12 dpmm) | | |
|  | MP Nova 4" | Direct Thermal or Thermal Transfer Stationary Printer | 4.50 in (114 mm) | 10 ips (254 mm/s) | 203, 300 dpi (8, 12 dpmm) | USB 2.0, Serial (RS232), Ethernet LAN (10/100) | IPL (Intermec), ZPL (Zebra), DPL (Datamax), FGL (Boca) |
| | MP Nova 6" | Direct Thermal or Thermal Transfer Stationary Printer | 7.10 in (180 mm) | 10 ips (254 mm/s) | 203, 300 dpi (8, 12 dpmm) | | |
| | MP Nova 8" | Direct Thermal or Thermal Transfer Stationary Printer | 9.10 in (231 mm) | 10 ips (254 mm/s) | 203, 300 dpi (8, 12 dpmm) | | |

* Optional accessory



Mobile Printers: The Perfect Fit

Honeywell mobile printers deliver performance—whenever and wherever you need it. Our wide range of energy-efficient and ergonomic mobile printers are designed to withstand punishing field conditions where dirt, moisture, temperature extremes and physical shock are common. With a focus on comfort and usability, our mobile printers are some of the lightest in their class, featuring smart touches such as one-handed media reloading and user-replaceable batteries.

Mobile Label Printers





- For demanding printing environments where accuracy and speed are key performance indicators.
- Ideal for warehouses, distribution centers, healthcare and retail in-store environments.

| Product | Family | Max. Media Width | Max. Print Speed | Ruggedness | IP Rating | Connectivity | Print Languages |
|---------|---------|------------------|------------------|--|--|---|--|
| | PB22 2" | 2.19 in (56 mm) | 4 ips (102 mm/s) | Tested to withstand 26 drops from 1.5 m (5 ft) on all surfaces; enhanced to 2.0 m (6.5 ft) when protective boot* is used | IP54 (high level of protection against particles; fair amount of protection against water) | USB 2.0, Serial (RS232), Bluetooth*, Wireless 802.11b/g* (802.11b/g/n available for ETSI) | IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), CPLC, ESC-P |
| | PB32 3" | 3.29 in (84 mm) | 4 ips (102 mm/s) | | | | |
| | PB50 4" | 4.39 in (111 mm) | 4 ips (102 mm/s) | Tested to withstand 26 drops from 1.5 m (5 ft) on all surfaces | | | |
| | RL3e 3" | 3.12 in (79 mm) | 4 ips (102 mm/s) | Tested to withstand 26 drops from 1.8 m (5.9 ft), even at extreme temperatures | IP54 (when used with protective case*) | USB 2.0, Serial (RS232), Bluetooth, Wireless 802.11a/b/g/n* | Ez-Print, DPL (Datamax), ZPL (Zebra), IPL (Intermec), CPCL, XML |
| | RL4e 4" | 4.12 in (105 mm) | 4 ips (102 mm/s) | | | | |
| | OC3 3" | 3.0 in (76 mm) | 2 ips (51 mm/s) | 1.22 m (4 ft) | IP43 | USB 2.0, Serial (RS232), Bluetooth, Wireless 802.11b/g | Ez-Print, Line Printer Mode |
| | LP3 3" | 3.0 in (76 mm) | 2 ips (51 mm/s) | 1.22 m (4 ft) | IP43 | USB 2.0, Serial (RS232), Bluetooth, Wireless 802.11b/g | Ez-Print, Line Printer Mode |

* Optional accessory

Mobile Receipt Printers




- For demanding mobile applications where performance, reliability and revenue assurance are key.
- Ideal for direct store delivery, field service and sales, in-store mobile checkout, public safety and e-citation applications.

| Product | Family | Max. Media Width | Max. Print Speed | Ruggedness | IP Rating | Connectivity | Print Languages |
|--|--------------|------------------|------------------|--|--|---|--|
|  | PB21 2" | 2.25 in (57 mm) | 4 ips (102 mm/s) | Tested to withstand 26 drops from 1.5 m (5 ft) on all surfaces; enhanced to 2.0 m (6.5 ft) when protective boot* is used | IP54 (high level of protection against particles; fair amount of protection against water) | USB 2.0, Serial (RS232), Bluetooth*, Wireless 802.11b/g* | IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), CPLC, ESC-P |
| | PB31 3" | 3.29 in (84 mm) | 4 ips (102 mm/s) | | | | |
| | PB51 4" | 4.39 in (111 mm) | 4 ips (102 mm/s) | Tested to withstand 26 drops from 1.5 m (5 ft) on all surfaces | | | |
|  | PR2 2" | 2.28 in (58 mm) | 3 ips (102 mm/s) | Tested to withstand 26 drops from 1.2 m (4 ft) on all surfaces | IP42 (IP54 when used with protective case*) | MFI Certified for iOS Devices, NFC, USB 2.0, Bluetooth*, IrDA*, Wireless 802.11b/g* | ESC/P, CPCL, XSim (Ex-PCL) |
| | PR3 3" | 3.14 in (80 mm) | 3 ips (102 mm/s) | | | | |
|  | Apex 2/2i 2" | 2.24 in (57 mm) | 2 ips (51 mm/s) | 1.22 m (4 ft) | IP54 (when used with protective case*) | MFI Certified for iOS Devices, Serial (RS232), Bluetooth (iOS Compatible), IrDA* | ExPCL, Line Printer Mode |
| | Apex 3/3i 3" | 3.14 in (80 mm) | 2 ips (51 mm/s) | | | | |
| | Apex 4/4i 4" | 4.37 in (111 mm) | 2 ips (51 mm/s) | | | | |
|  | OC2 2" | 2.25 in (57 mm) | 2 ips (51 mm/s) | 1.22 m (4 ft) | IP54 (when used with protective case*) | USB 2.0, Serial (RS232), Bluetooth*, Wireless 802.11b/g* | Ez-Print, Line Printer Mode |
| | OC3 3" | 3.0 in (76 mm) | 2 ips (51 mm/s) | | | | |

* Optional accessory

Workboard Printers

- For specialty applications where full page or integrated solutions are required.
- Ideal for direct store delivery, route accounting, field service and sales.

| Product | Family | Printer Type | Max. Media Width | Max. Print Speed | IP Rating | Connectivity | Print Languages |
|---|----------|--------------------------------------|------------------|------------------|-----------|------------------------------------|-----------------------------|
|  | 6822 | Full-Page Dot Matrix Receipt Printer | 8.5 in (216 mm) | 2 pages/m | IP20 | USB, Mobile Computer Socket | ESC-P |
|  | PW50 | Direct Thermal Workboard Printer | 4.37 in (111 mm) | 4 ips (102 mm/s) | IP20 | Serial (RS232), Bluetooth, DEX/UCS | |
|  | PrintPAD | Direct Thermal Workboard Printer | 4.41 in (112 mm) | 2 ips (51 mm/s) | TBD | USB 2.0, Serial (RS232), Bluetooth | Ez-Print, Line Printer Mode |

* Optional accessory



Desktop Printers: Easy to Install & Use

For labeling that requires a compact, highly intuitive and flexible printing solution, Honeywell desktop printers offer the right features to meet your needs. Quiet and reliable, Honeywell's lineup of efficient desktop printers are the easy choice for a wide variety of light duty labeling applications.

Desktop Printers

- For low volume labeling applications.
- Typically less than 2 rolls or 1,000 labels per day.
- Ideal for offices, retail, healthcare, small- and medium-sized businesses, packing and shipping, and light-duty manufacturing and warehouse environments.

| Product | Family | Printer Type | Max. Media Width | Max. Print Speed | Print Resolution | Connectivity | Print Languages |
|---------|----------------|---|------------------|------------------|---------------------------|--|---|
| | PC42t 4" | Direct Thermal or Thermal Transfer | 4.30 in (110 mm) | 4 ips (102 mm/s) | 203 dpi (8 dpmm) | USB 2.0, USB Host 2.0, Ethernet LAN (10/100)*, Serial (RS232)*, Parallel** | Direct Protocol, ZPL (Zebra), EPL (Eltron) |
| | PC43t 4" | Thermal Transfer | 4.64 in (118 mm) | 8 ips (203 mm/s) | 203, 300 dpi (8, 12 dpmm) | USB 2.0, USB Host 2.0, Ethernet LAN (10/100)*, Wireless 802.11b/g/n & Bluetooth*, Serial (RS232)**, Parallel** | C# for Printers, IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), XML-Enabled |
| | PC43d 4" | Direct Thermal | 4.64 in (118 mm) | 8 ips (203 mm/s) | 203, 300 dpi (8, 12 dpmm) | | |
| | PC23d 2" | Direct Thermal | 2.35 in (60 mm) | 8 ips (203 mm/s) | 203, 300 dpi (8, 12 dpmm) | | |
| | E-Class 4" | Direct Thermal or Thermal Transfer (Optional) | 4.40 in (112 mm) | 6 ips (152 mm/s) | 203, 300 dpi (8, 12 dpmm) | Serial (RS232), Parallel*, USB 2.0*, USB Host*, Ethernet LAN (10/100)*, Wireless 802.11a/b/g*, Bluetooth* | DPL (Datamax), ZPL (Zebra), IPL (Intermec), EPL (Eltron), XML-Enabled |
| | Workstation 4" | Direct Thermal | 4.33 in (110 mm) | 4 ips (102 mm/s) | 300 dpi (12 dpmm) | USB 2.0, Ethernet LAN (10/100), Serial (RS232)* | PCL5e, PCL6 |

* Optional accessory

** Via optional adapter cable

The Right Supplies for Your Application Needs






Honeywell genuine labels, tags, receipts and ribbons support a broad range of barcode printing applications in mild to harsh environments. While a wide variety of these are offered as take-from-stock products for fast delivery, Honeywell will also customize the label material, configuration, size or any other feature to meet even the most challenging environment. Honeywell's media supply experts and world class research and development engineers are dedicated to delivering custom solutions to meet unique requirements.

For more information visit HoneywellAIDC.com/supplies.



Innovation and Technology: Working Together for You

In addition to industry leading printers and media, Honeywell offers the broadest range of data collection, mobile computing, RFID, wired and wireless connectivity solutions available from one company. Honeywell systems are built to withstand the rigors of your real-world environment and they offer comprehensive security, protecting the privacy and integrity of your data and your network. Additionally, Honeywell products and systems conform to industry standards and use the latest technologies, making it easier for you to migrate to new systems as your needs change.

| | | | |
|---|--|--|--|
|  | Mobile Computers Rugged handhelds and fixed mount computers deliver real-time access to information at the point of work, increasing workforce efficiencies and enabling improved service levels |  | RFID Honeywell RFID readers, antennas and tags bring intelligent data collection to the global supply chain for a wide variety of RFID applications and environments. |
|  | Printers and Media Media extensive range of Honeywell printers and media includes a solution for just about any environment or application: Industrial, Mobile, Desktop and RFID printers; labels, receipts, tags and ribbons; and software. |  | OEM Honeywell's OEM products deliver embedded, high-performance data collection technology to OEM manufacturers of data collection computers, kiosks, and countless other applications. |
|  | Barcode Scanners Honeywell scanners feature Honeywell's own scan engines, including laser, linear and area imaging technologies delivering a tailored solution for your application needs. |  | Software and Tools Honeywell offers pre-bundled and custom hardware/software solutions for a variety of markets, including retail, field service, transportation and route distribution. |

Honeywell Sensing and Productivity Solutions

9680 Old Baires Road
Fort Mill, SC 29707
800-582-4263
www.honeywell.com

Printers-Product-Line-Brochure-M3-11/2
© 2016 Honeywell International Inc.

Honeywell