PC45

Direct Thermal Desktop Printer for Healthcare

> ## The next generation of desktop printers brings powerful performance, reliable connectivity, and easy integration in a compact design to tackle rapidly changing everyday work environments.

The PC45 series desktop printer offers a premium printing solution with fast, secure communication in a compact form-factor.

The PC45 family of thermal printers builds upon the successful design of the proven E-class and PC43 printers, offering seamless connectivity, premium performance and reliability. The PC45 direct thermal printer for healthcare clinicians offers a large touch screen, enterprise-level ruggedness, and multiple new design accessories to support various needs. The PC45 is designed for businesses that invest in solutions and want a durable, stable, secure platform to implement them.

Protecting sensitive patient information is essential for hospitals and clinician workers. Honeywell Printer Edge™ printer platform offers enhanced security to help ensure patient privacy and confidentiality during printing operations, without reducing productivity. Equipped with encryption technology reducing the threat of unauthorized users accessing data sent to the printer as well as lowering the risk of cyber-attacks. Easy set up enables IT to quickly and effortlessly integrate most Honeywell printers, while remote management allows IT to conveniently maintain printers, helping reduce printer management time and costs.

Get connected and stay connected with Wi-Fi 5 and Bluetooth 5.2 for continuous productivity. Benefit from WLAN and optional WWAN connectivity for fast data capture allowing for accelerated deployments. With optional low media and low ribbon enabled sensor and RFID, take the guesswork out printer maintenance to avoid unnecessary operational downtime.

Whether on a local server or utilizing the Cloud, the PC45 supports variable network protocols and multiple print languages allowing for easy integration and a seamless transition. Smart Parse technology from Honeywell gives the ability to resize objects, barcodes, or font type without any need to get in on the system backend. Honeywell Operational Intelligence takes it one step further providing remote management capabilities for real-time diagnostics and output performance tracking.

FEATURES AND BENEFITS

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.

Honeywell Printer Edge is a smart, connected printer platform with easy setup, quality output, enhanced security, and the simplicity of a single software toolkit for your printer network.

Disinfectant ready housing and connectors are specifically designed to withstand frequent exposure to cleaning solutions.

Optimized low label and low ribbon warning workflow to predict and reduce downtime.

A new set of a wealth of accessories that dedicated focus on the healthcare segment which supports various customer needs.

Honeywell

PC45 Technical Specifications

MECHANICAL CHARACTERISTICS

PC45d:
   LxWxH:
   168 mm L x 181.3 mm W x 215.6 H
   (6.6 in L x 7.1 in W x 8.5 in H)
Weight: 1.8 kg (4 lbs)
PC45t:
   LxWxH:
   179.6 mm L x 212.9 mm W x 285.5 H
   (7.1 in L x 8.4 in W x 11.1 in H)
Weight: 2.7 kg (5.9 lbs)

ENVIRONMENTAL
Operating Temperature:
0°C to 45°C (32°F to 113°F)
Storage Temperature:
-20°C to 70°C (-4°F to 152°F)
Humidity:
10% to 90%, non-condensing

PRINT SPECIFICATIONS

PC45d:
Max. Width at 203 dpi: 108 mm (4.25 in)
Max Width at 300 dpi: 106 mm (4.12 in)

PC45t:
Max. Width at 203 dpi: 108 mm (4.25 in)
Max Width at 300 dpi: 106 mm (4.12 in)

PRINT SPEED
At 203 dpi: 2ips up to 8ips
At 300 dpi: 2ips up to 6ips

PRINT RESOLUTION
At 203 dpi: 8 dots/mm
At 300 dpi: 12 dots/mm

WIRELESS CONNECTIVITY
WLAN:
IEEE 802.11 a/b/g/n/ac/ax; Wi-Fi certified,
Security: OPEN,WEP,WPA/WPA2/WPA3
(Personal and Enterprise)
FAST roaming (802.11r)
Supported EAP: TTLS, TLS, PEAP, LEAP
Bluetooth: Bluetooth 5.2
(Field or Factory installable)

MEDIA AND RIBBON SPECIFICATIONS
Maximum Media Width:
118mm (4.65 in)
Maximum Media Roll Capacity:
127 mm (5 in) O.D
Media Core I.D:
12.7 mm (0.5 in), 25.4 mm (1 in),
38.1 mm (1.5 in)
Minimum Media Length:

For more information
sps.honeywell.com

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Charlotte, NC 28202
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www.honeywell.com

6.35 mm (0.25 in)
Media Thickness:
0.05 mm (2 mil) to 0.16 mm (6.3 mil)
For optimum print quality and printer
Media Types:
Wristband, tags, receipt paper, linered and
linerless labels, labels with black mark or
gap
Media Sensing:
Gap, notch, black mark, continuous
Other sensing:
Media low

INTERFACES
Standard:
Ethernet 10/100 Mbps
USB 2.0 Host High Speed
USB 2.0 Device High Speed
Optional:
RS-232, up to 115.2 KB/s
Network Protocols:
TCP/IP suite (TCP, UDP, M, 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

RFID
1 8000-6C / EPC Class 1 Generation 2
Radio configured to comply with local
UHF RFID regulations, including FCC and
ETSI. Contact local representative for
availability in particular region.

NETWORK SECURE CHANNELS
Secure Net1 printing channel
Secure printer configuration channel

OPTIONS AND ACCESSORIES
• Self-strip module with LTS
• Media low sensor
• RFID UHF
• Cutter module (linered and linerless)
• External media holder
• Cellular modem

USER INTERFACE
88.9 mm (3.5 in) 320 x 240 Color LCD,
1 Print/Feed button and ready-to-work
LED

MEMORY
Standard:
256 Mbyte RAM
512 Mbytes Flash

POWER SUPPLY
Input:
100–240V AC/50–60 Hz, 1.5 A
Output:
24V DC, 3.15 A

SOFTWARE
Printer Command Languages:
Fingerprint (FP), Direct Protocol (DP),
Intermec Printer Language (IPL), ZSim2
(ZPL–II), DPL, XML–enabled for SAP AII
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):**
PrintSet 5 for printer configuration;
sophisticated web interface for
configuration, upgrades and 1:1
management
Regulatory approvals
RoHS Compliant, CE (EN55032 Class B),
FCC Class B, Energy Star 3.2 Qualified

WARRANTY:
Two-year warranty; additional service
packages available through Honeywell
Repair Services

For a complete listing of all compliance
approvals and certifications, please visit
www.honeywell.com/PSScompliance
For a complete listing of all supported
barcode symbologies, please visit
www.honeywell.com/PSS-symbologies

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LASER LIGHT- DO NOT STARE INTO BEAM
鐳射光, 勿直視光束, 等級2鐳射產品.
激光辐射,勿直视光束, 2类激光产品。
RAYONNEMENT LASER NE PAS REGARDER
DANS LE FAISCEAU. APPAREIL À LASER DE
CLASSE 2.MAX. 1mW: 645-660 nm. IEC 60825-1:
2014. Pulse duration of 10 or 16.8mSec.Complies
with 21 CFR 1040.10 and 1040.11 except for
conformance with IEC 60825-1 Ed.3, as described
in Laser Notice No. 56, dated May 8, 2019.
CLASS 2
LASER PRODUCT

Honeywell