

PR2 & PR3

Durable Mobile Receipt Printers

Designed specifically for mobile field professionals who need all-day comfort and durability, the lightweight and compact Honeywell PR3 and PR2 durable mobile receipt printers are the perfect fit for your agile workforce. Available in three-inch wide (PR3) and two-inch wide (PR2) versions, these receipt printers deliver a competitive advantage with their speed and compactness making them ideal for on-the-go invoice printing and mobile point-of-sale (mPOS) applications.

The compactness, weight and durability of the PR series printers means that they can be comfortably worn all day. A variety of smart accessories – such as the included belt clip, optional belt loop or shoulder strap – maximize user comfort while ensuring the printer is always within arm’s reach.

The ideal companion to today’s smart devices, PR series printers connect seamlessly via secure Bluetooth® 2.1, Wi-Fi, USB or IrDA to produce receipts on demand. The addition of MFi certification simplifies pairing to Apple iOS devices, and integrated Near Field Communications (NFC) technology makes the Bluetooth pairing process quicker than ever. Available with an optional integrated PCI-compatible card reader, PR series printers also give your mobile workforce the ability to securely capture payments on the go and immediately provide receipts for increased productivity and customer satisfaction.

The PR series and its accessories are designed to enhance productivity and reduce total cost of ownership. These printers interface with Honeywell’s innovative FlexDock docking and charging system, providing a common interface shared across other Honeywell devices.



With models featuring MFi certification for iOS devices and easy Bluetooth pairing using NFC technology, the PR series connects easily to today's smart devices.

Belt loops, cases and protective boots increase comfort and improve ergonomics for full-shift operations. And field-replaceable batteries can be charged independently of the printer, further maximizing uptime and convenience.

The fast time to first receipt means that the PR series delivers a clear productivity advantage for your workforce – quickly providing your customers with a printed invoice-in-hand.

FEATURES & BENEFITS



Despite being small and lightweight, this printer withstands drops to concrete from 1.2 m (4 ft) and 1.5 m (5 ft) with an optional protective case.



Capture payment at the point of service with optional integrated PCI-compatible magnetic stripe reader and AES encryption.



Simple to use, with a clamshell design enabling one-handed media replenishment and an intuitive icon interface for status indication.



Fast time to first label, and excellent battery endurance for all-day mobile printing.



Pairs easily with today’s mobile devices, with MFi certification for iOS devices and easy Bluetooth pairing through NFC technology.

PR2 & PR3 Technical Specifications

PHYSICAL CHARACTERISTICS

Width:

PR2: 88 mm (3.46 in)

PR3: 109.5 mm (5.01 in)

Height:

PR2: 63 mm* (2.48 in)

PR3: 63 mm (2.48 in)

Length:

PR2: 122.5 mm (4.82 in)

PR3: 122.5 mm (4.82 in)

Weight – with battery, excluding media:

PR2: 309 g (10.9 oz)

PR3: 346 g (12.3 oz)

Note: Height for models with Magnetic Stripe Reader differs - 65mm (2.56")

ENVIRONMENTAL

Operating Temperature: -10°C to 50°C (14°F to 122°F)

Storage Temperature: -20°C to 60°C (-4°F to 140°F) without battery

Charging Temperature: 0°C to 40°C (32°F to 104°F)

Operating Humidity: 20% to 85% non-condensing

Storage Humidity: 5% to 95% non-condensing

Rain & Dust Resistance: IP42, IP54 with optional environmental case

Drop Specification: 1.2 m (4 ft) drop to concrete per MIL STD 810G, 1.5 m (5 ft) multiple drops to concrete with optional environmental case.

POWER

Standard Battery: Rechargeable, removable, 7.4V Li-Ion, 1620mAh

Smart Battery: Rechargeable, removable, 7.4V Li-Ion, 1620mAh. It includes integrated fuel gauge to monitor battery charge levels, and report impedance and list battery pack serial number for the battery in use.

Recharging: Approximately 240 minutes

Battery Endurance*:

PR2: 118 m (387 ft)

PR3: 89 m (292 ft)

AC Adapter: 100 to 240 VAC 10VDC@1.0A; meets CEC EPS

MEMORY

RAM: 16 MB

Flash: 64 MB

COMMUNICATIONS

Standard: USB Full Speed V2.0

Optional: Bluetooth (2.1, Class II), Bluetooth for iOS (2.1+EDR), Made for iPod/iPhone/iPad™ certified, NFC Technology for easy Bluetooth pairing

WIRELESS SECURITY

Authentication and Encryption Options: Static WEP (64 & 128), Dynamic WEP with EAP, WPA/TKIP (Preshared key and Enterprise with EAP), WPA2/AES-CCMP (Pre-shared key and Enterprise with EAP)

EAP Options: PEAP/MSCHAPv2, PEAP/GTC, TTLS/MSCHAPv2, TTLS/PAP, LEAP, EAP-FAST.

OPTIONAL CARD READER

- Magnetic Stripe Reader (MSR) 3 track
- ANSI/ISO 7810, 7811 standards
- AAMVA, CA DVA, RAW

Optional support for DES, TDES, and AES encryption with DUKPT key management.

PRINT SPEED AND RESOLUTION

Speed: Up to 3 ips (76.2 mm/sec)

Resolution: 203 dpi (8 dots/mm)

PRINT TECHNOLOGY

Printhead: Direct thermal

Max. Print Width:

PR2: 48 mm (1.89 in)

PR3: 72 mm (2.83 in)

MEDIA

Type: Receipt media

Width:

PR2: 57 mm to 58 mm (2.244 in to 2.283 in)

PR3: 79 mm to 80 mm (3.110 in to 3.149 in)

Media Length: Continuous

Thickness: 60 µm to 100 µm (2.36 mils to 4 mils)

Core ID: 10 mm (0.4 in)

Maximum Media OD:

PR2: 40.64 mm (1.6 in)

PR3: 40.64 mm (1.6 in)

SOFTWARE

Programming Language: ESC/P (Line Print and Easy Print modes), CSim (CPCL) and XSim (Ex-PCL)

- Honeywell PrintSet Configuration Utility
- Bartender Ultralite Labeling Software
- SmartSystems™ Foundation Console/Server Software
- Bootloader Utility
- SDKs for Android™, Apple iOS and Windows® Mobile
- InterDriver Printer Drivers for Microsoft® Windows PCs

CHARACTER SETS

ESC/P:

Standard: Extended Latin, Cyrillic, Greek and Hebrew

Optional: Simplified Chinese, Traditional Chinese, Japanese, Korean, Arabic and Thai

CSim (CPCL):

Standard: Extended Latin, Cyrillic, Greek and Hebrew

Optional: Simplified Chinese, Traditional Chinese, Japanese, Korean, Arabic and Thai

XSim (Ex-PCL):

Standard: Extended Latin, Cyrillic, Greek and Hebrew

Optional: Simplified Chinese, Traditional Chinese, Japanese, Korean, Arabic and Thai

GRAPHICS

Supports user-defined fonts and graphics, including custom logos

BARCODE SYMBOLOGIES

ESC/P:

1D: Codabar, Code 39, Code 128, UCC/EAN-128, Interleaved 2 of 5, UPC-A, EAN13, EAN8

2D: Aztec, PDF417, QR Code

CSim (CPCL):

1D: Codabar, Code 39, Code 128, UCC/EAN-128, Interleaved 2 of 5, UPC-A, UPC-E, EAN13, EAN8

XSim (Ex-PCL):

1D: Codabar, Code 39, Code 128 Subset A-C, UCC/EAN-128, Interleaved 2 of 5, UPC/EAN/JAN

2D: PDF417

SHIPS WITH

- Printer
 - Standard or smart battery
 - Universal AC charger with six socket adapter plugs
 - Plastic belt clip
 - One roll of media (either 2" or 3")
 - Quick-start guide
- ## ACCESSORIES
- Belt loop
 - Metal belt clip
 - Shoulder strap
 - IP54 protective environmental case
 - Protective boot
 - Printhead cleaning swab
 - Spare battery
 - Cigarette lighter adapter/12V vehicle battery charger
 - FlexDock modular docking system for on-board charging or spare battery charging

WARRANTY

One year; additional Honeywell Repair Services packages available

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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