

# RP2E/RP4E SERIES

## Ultra-Rugged Portable Label/Receipt Printer

The RPe (Enhanced) Series is a rugged and reliable direct thermal portable label printer that delivers industry-leading paper capacity and a Hi-drain, high power efficiency battery for increased print output in DSD (direct store delivery), field service, eCitation, T&L, retail, and airline environments.

This portable printer provides big productivity gains and reduces errors by enabling workers to print labels *at the location* they need to be applied *when* they need to be applied. Unlike other mobile printers on the market, the RP4e printer offers almost 2X the print speed media capacity, a one-point ANSI print quality improvement, and superior battery power longevity with our new Hi-drain battery – ensuring smooth, continuous operation so your workers can work efficiently with less media reloading, battery swaps, and downtime.

The RPe Series printer prints 25.4 mm (1 in) to 104.1 mm (4.1 in) labels/receipts and can accommodate a wide variety of media, including the heavy stock necessary for hang tags and specialty label needs. Plus, its fast and easy loading design means fewer interruptions and increased productivity in your application, whether using one type of media or several.

The RPe Series has the latest 802.11 a/b/g/n/ac Wi-Fi capabilities for the best range and fastest data communications on your WLAN. It also includes a Bluetooth® 4.0 LE radio at no additional charge for when workers are outside of WLAN range or using the printer with a Bluetooth mobile computer. In addition, the printer is NFC-enabled so you can check printer status and configuration when an Internet connection is not available.



*The RPe Series mobile thermal printers are built for the most rugged environments, offering exceptional media and battery capacity, quiet operation, and excellent value to help operations increase efficiency and minimize downtime.*

## FEATURES AND BENEFITS



Ultra-rugged: survives 2 m (6.6 ft) drops and 1,000 0.5 m (1.6 ft) tumbles, has an IP54 rating for dust and moisture ingress, and operates over a wide temperature range.



Lightweight, ergonomic design allows workers to carry and operate the printer with ease.



High-discharge current lithium-ion cell battery can be swapped without resetting the printer or losing connectivity.



Operational Intelligence solution provides analytics to help manage, track, and optimize printer assets, enabling proactive maintenance and replacement.



The printer provides superior media capacity and supports labels with/without a liner; can also sense gaps between labels or black marks on the top or bottom of media.

**Honeywell**

# RP<sub>e</sub> SERIES Technical Specifications

## PHYSICAL CHARACTERISTICS

### RP2e – 2 in:

**Dimensions (H x W x D):** 160 mm x 116 mm x 77 mm (6.3 in x 4.6 in x 3.0 in)

**Printer Weight:** 0.72 kg (1.5 lb)  
(with battery, no media)

### RP4e – 4 in:

**Dimensions (H x W x D):** 187 mm x 164 mm x 77 mm (7.36 in x 6.46 in x 3.0 in)

**Printer Weight:** 1.02 kg (2.24 lb)  
(with battery, no media)

## MEDIA

### Media Roll Width:

**RP2e:** 25 mm (1.0 in) to 57 mm (2.25 in)

**RP4e:** 51 mm (2.0 in) to 111 mm (4.4 in)

### Maximum Print Width:

**RP2e:** 48 mm (1.89 in)

**RP4e:** 104 mm (4.1 in)

**Media Types:** Tags, receipt paper, labels, lined and linerless\* labels with black mark or gap sensing

**Maximum Roll Capacity:** 58 mm (2.25 in) outside diameter

**Core Sizes:** 10.16 mm (0.4 in), 19 mm (0.75 in), or 25.4 mm (1.0 in) inside diameter

**Media Thickness:** 0.05 mm (2 mil) to 0.16 mm (6.3 mil)

For optimum print quality and printer performance, use certified Honeywell media supplies.

## POWER SOURCE

**Batteries:** 7.2V Lithium-ion (Li-ion)

**RP2e:** 2500 mAh with battery age LED indicator

**RP4e:** 4900 mAh with battery age LED indicator

**DC Inputs (for charging only):** 12–15V, built-in spike and surge protection

**Hot-Swappable Battery (maintains wireless connection):** Bluetooth and Wi-Fi configurations up to 20 seconds

**SMART Battery:** to SBS Rev 1.1

**Charge Time:** Typical

**RP2e:** 4 hours

**RP4e:** 7 hours

**Battery Eliminator:** SKU optional for printers used permanently inside a vehicle

## ENVIRONMENTAL

**IP Rating:** IP54

**Drop Specification:** 2 m (6.6 ft)

**Tumble Test:** 1,000 cycles at 0.5 m (1.6 ft)

**Operating Temperature:** -20°C to 55°C (-4°F to 131°F)

**Storage Temperature:** -30°C to 65°C (-22°F to 149°F)

**Charging Temperature:** 0°C to 45°C (32°F to 113°F)

**Operating Humidity:** 10% – 90% (non-condensing)

**Storage Humidity:** 10% – 90% (non-condensing)

## ACCESSORIES

**Connection:** Mini/USB–Ethernet communications dongle, plug, cable for configuration

**Carriage:** Belt clip, heavy-duty velcro belt mount, shoulder strap, hand strap, environmental soft case

**Mounting:** Single mount with MFxT adapter; single mount with wall adapter plate kit; settlement room 5-mount includes charger and single vehicle mount with RAM arm

## COMMUNICATIONS

**USB 2.0:** Includes On-The-Go (OTG) capabilities for scanner, scale, and keyboard input

**NFC:** For pairing and retrieving configuration and diagnostic information

**Bluetooth:** Bluetooth 4.0 + LE dual radio mode; serial port profile, security modes 1–4, encryption 1–3e, Apple® iOS compatible

**802.11 a/b/g/n/ac and Bluetooth with dual radio mode; wireless access modes:** Infrastructure and ad hoc

**Internet Protocols Supported:** UDP/TCP, DHCP, BootP, FTP, FTPS, SFTP, TFTP, Telnet, LDP, SNMP; remote and Auto Update features supported; 802.11i

## SOFTWARE/FIRMWARE

**NETira Configuration Tool – complete printer setup utility**

**Control Language Compatibility:** Line Printer Mode, Easy Print, DPL, ZPL II, CPCL, IPL, XML (limited)

**Device Management Compatibility:** NETira

**Remote Management:** monitor and manage printers; NETira MD: mobile device management utility for smart mobile devices; AirWatch® Mobile

**Device Management:** Wavelink® Avalanche MC

**Network Compatibility:** TCP-IP based networks; AS/400 (LPD)-based networks

**Drivers:** Microsoft® Windows® XP/ Vista/7/8, and 10

**Label-Design Software Compatibility:** BarTender, Niceware/NiceLabel, and others

**ERP Systems Compatibility:** SAP®, Oracle®

**Software Development Kit:** Android™ 2.1 and above; Apple iOS 5, 6, and 7; Microsoft Windows Desktop up to Windows 8, Windows 8 Store, Windows Mobile, and Windows CE; C++, C-Sharp, Java, ActiveX Control

## USAGE FEATURES

**Intelligent Backlit Icons:** On/Off Button, Battery Charge, Battery Life, Media Status, Communication Status

**Media:** Drop-in/easy-to-load media, adjustable media arms, 4 in printer fan fold slot

**Proactive Maintenance:** Sensors for reporting printer usage information (battery, printhead, environmental) and management console

\* For use in RP Series printers equipped with linerless option only

	WEP	WPA	WPA2
<b>MODES</b>		PSK/Enterprise	
<b>SECURITY/ENCRYPTION</b>	64/128	TKIP/RC4	CCMP/AES
<b>AUTHENTICATION</b>	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP		

# RPe SERIES Technical Specifications

## AGENCY

The RPe Series printers are certified for use in the following countries:

**North America:** U.S. and Canada

**Europe:** EU Countries, EFTA Countries, United Kingdom, CU countries

**Middle East, Turkey, and Africa:** Israel, South Africa, UAE, Saudi Arabia, Turkey

**Central America:** Mexico, Guatemala, Honduras, Nicaragua, Costa Rica, Panama

**South America:** Venezuela, Colombia, Brazil, Peru, Bolivia, Chile, Argentina, Uruguay, Paraguay

**APAC Region:** Australia, New Zealand, Cambodia, Indonesia, Malaysia, Philippines, Singapore, China, Hong Kong, Japan, South Korea, Taiwan, India, Thailand, Vietnam



Some approvals and features may vary by country and may change without notice. Specs may vary based upon the specific configuration or features selected. Please check with your local Honeywell sales office for further information.

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## For more information

800.934.8055

sales@directsource.com

## Direct Source

8176 Mallory Court

Chanhassen, MN 55317

800.934.8055

www.directsource.com