RP2E/RP4E SERIES

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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.



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.

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.

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

RPe 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, linered 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

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

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

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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