

## RLe Series

### Rugged Portable Label Printers

Honeywell Datamax-O'Neil built its reputation on rugged and reliable portable receipt printers. Our design expertise is now reflected in the RLe Series of rugged portable label printers.

The RL3e (79 mm/3 in) and RL4e (105 mm/4 in) direct thermal printers are durable, can-do devices. They feature a rugged design and reliable performance that will continue to operate long after other printers have failed. In fact, we're so confident in the quality and long-term reliability of these printers that we include a two-year warranty free of charge. That's double what the competition offers.

Anybody who's ever worked in a warehouse knows that when shipments are processed quickly and effectively, productivity is increased and errors are reduced. The RLe Series improves efficiency and productivity by allowing workers to print and apply barcode labels directly at the point of application. Using the RLe Series to print on-demand labels also eliminates the danger of mixing up batch-printed labels and can lead to big savings by avoiding shipping errors. The printers can even be mounted on forklifts for added convenience and versatility.

We've made integration easy. Replace existing printers using built-in language emulations. The RLe Series is compatible with most popular warehouse management software programs, independent label-design programs, and remote management packages.



*The portable RLe Series is built to keep pace in the busiest distribution centers, warehouses, supply chains, and logistics environments.*

## FEATURES & BENEFITS



The RLe Series continues to print after 26 consecutive drops to concrete from 1.8 m (6 ft), even in extreme temperature conditions.



Includes popular language emulations that allow you to easily replace existing printers in the workplace.



The lithium-ion battery offers maximum power capacity for an eight-hour shift, even under the toughest conditions.



Change paper rolls with one hand. Speed label application with an intuitive LCD screen and a peel-and-present mechanism.



Co-engineered media supplies ensure optimum, trouble-free performance and guarantee the highest print quality and image stability.

# RLe Series Technical Specifications

## MECHANICAL

### Dimensions (H x W x D):

**RL3e:** 193 mm x 142 mm x 81 mm  
(7.6 in x 5.6 in x 3.2 in)

**RL4e:** 200 mm x 166 mm x 81 mm  
(7.9 in x 6.5 in x 3.2 in)

### Weight (Printer Only):

**RL3e:** 0.88 kg (1.95 lb)

**RL4e:** 0.98 kg (2.16 lb)

### Drop Specifications: 1.8 m (6 ft)

### IP Rating: IP54 (when used with the protective case)

**User Interface:** 128 x 64 LCD display with white LED backlighting, four-button user interface

## ENVIRONMENTAL

**Operating Temperature:** -20°C to 50°C (4°F to 122°F)

**Storage Temperature:** -40°C to 60°C (40°F to 140°F)

**Charging Temperature:** 5°C to 40°C (41°F to 104°F)

**Relative Humidity Range:** 10% to 90%, non-condensing

**ESD Protection:** 8 kV Air; 4 kV Contact

## PRINT TECHNOLOGY

**Printhead:** Direct thermal; 8 dots per mm (203 dots per in)

### Print Width:

**RL3e:** 72 mm (2.8 in)

**RL4e:** 105 mm (4.125 in)

**Print Mechanism Speed:** 102 mm per second (4 in per second)

*Speed rating under normal optimal operating conditions. Performance may vary based on temperature of operating environment and label file density.*

## POWER SOURCE

**Battery:** 14.8V Lithium-ion, 33 W-h (2200 mAh)

**DC Inputs:** External DC jack, 11–15V, built-in spike and surge protection with battery management

**Recharging:** 4–6 hours

### Endurance:

**RL4e:** Prints more than 320, 100 mm x 150 mm (4 in x 6 in) labels when operating 16 continuous hours on an 802.11 network

**RL3e:** Prints more than 850, 76 mm x 152 mm (3 in x 1 in) labels when operating for 28 consecutive hours on an 802.11 network

**Memory:** 64 MB RAM/128 MB Flash

## COMMUNICATION

**Serial:** RS-232, up to 460.8 Kbps

**USB:** 2.0 (full speed)

**Bluetooth®:** Bluetooth 2.1 dual radio mode; serial port profile, security modes 1-4, encryption 1-3e

### 802.11 a/b/g/n Option:

**Network standard:** IEEE 802.11 a/b/g/n and Bluetooth with dual radio mode

**Wireless access modes:** infrastructure and ad-hoc

## Security Protocols:

DETAILS	WEP	WPA	WPA2
MODES		PSK/Enterprise	
SECURITY/ENCRYPTION	64/128	TKIP/RC4	CCMP/AES
AUTHENTICATION	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP, IPV4		

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

## MEDIA

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

### Media Width:

**RL3e:** 26 mm to 79 mm (1 in to 3.125 in)

**RL4e:** 51 mm to 105 mm (2 in to 4.12 in)

**Media Type:** Lined and linerless\* labels with black mark or gap sensing; external fanfold or roll supply

**Maximum Roll Capacity:** 67 mm (2.65 in) O.D.; 19 mm (0.75 in) I.D. core

**Media Thickness:** 2 mil to 6.5 mil

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

## AGENCY APPROVAL

*Contact your Honeywell sales representative for the most recent list of agency approvals.*

FCC 15 Class B, EN55022 Class B, EN55024, IEC 60950-1 2nd Edition, EAC – Customs Union, CCC, SRRC

**Safety:** UL/cUL, CE

## BARCODES/FONTS/GRAPHICS

**Scalable Fonts:** CG Triumvirate Bold Condensed, CG Triumvirate, and CG Times with Cyrillic, Greek, Arabic, and Hebrew character support from Monotype Imaging

**Standard Fonts:** 5.5CPI, 7.2CPI, 10.2CPI, 10.7CPI, 18.5CPI, 20.4CPI, 22.6CPI, 34.0CPI, OCR-A, OCR-B (additional fonts available)

**Downloadable Font Types:** TrueType, Bitmap

**Character Sets:** Unicode/UTF8 support: 50 international symbol sets, Big 5, JIS and Shift JIS, and more

**Optional Characters:** Arabic, Greek, Hebrew, Unicode subset including Latin; Asian (including Big 5, Simplified Chinese, Kanji, Hangul, and Shift JIS); additional international characters available

### Barcodes:

**Linear:** Codabar, Code 3 of 9, Code 93, Code 128, EAN-8, EAN13, Interleaved 2 of 5, HIBC, PLESSEY, MSI/Plessey, UCC/EAN-128, UPC-A, UPC-E, UPC 2 and 5 digit addendums, Postnet, Telepen, UPS MaxiCode, FIM, USD-8

**2D Symbolologies:** PDF417, Aztec, QR Code, GS1, Datamatrix, TLC39, MicroPDF417

**Graphics:** Supports storage of graphics/logos in Flash memory and transient "print once" graphics

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## SOFTWARE/FIRMWARE

**NETira™ Configuration Tool:** complete printer set-up utility

**NETira MS:** Menu Scripting

**NETira CA:** NETira Connect for AirWatch Control Language Compatibility: Ez-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, Windows Vista, Windows 7, and Windows 8

**NETira LD:** Label Design Software

**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

## OPTIONS

AirWatch support

Lua and JSON scripting language

## ACCESSORIES

Charge contacts

Cigarette lighter vehicle charger

Configurable multi-bay charger

Dual-battery charger

IP54 environmental case

Linerless single-bay charger for use with external multi-unit charging adaptor

## WARRANTY

**Standard Warranty:** Covers platen roller, printhead, and installed options when used with approved supplies

**Printer:** 2 years

**Extended Warranty:** Contact your Honeywell sales representative for extended warranty options available through Honeywell Repair Services.

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

For a complete listing of all supported barcode symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

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## For more information

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