Honeywell

RLe Series

Rugged Mobile Label Printers

Datamax-O'Neil by Honeywell adds to its reputation for rugged and reliable portable receipt printers with the RLe Series. RL3e (76mm or 3 in print width) and RL4e (102 mm or 4 in print width) are durable direct thermal printers with a rugged design and reliable performance that will continue to operate long after other printers have failed. 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 been 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 in shipping error avoidance. The printer 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 RLe Series is built to keep pace in the busiest distribution centers, warehouses, supply chain and logistics environments.

FEATURES & BENEFITS

The RLe Series continues to print after 26 consecutive drops to concrete from 1.8 m (1 ft) even when at extreme temperature conditions.

The RLe Series comes with 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 roll 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.

Technical Specifications

PHYSICAL CHARACTERISTICS

Dimensions (HxWxD):
RL3e: 193 x 142 x 81 mm (7.6 x 5.6 x 3.2 in)
RL4e: 200 x 166 x 81 mm (7.9 x 6.5 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*
User Interface: 128x64 LCD display with white LED backlighting; four-button user interface
**When used with the protective case*

USER ENVIRONMENT

Operating Temperature: -20° to 50°C (4° to 122°F)
Storage Temperatures: -40° to 60°C (40° to 140°F)
Charging Temperatures: 5° to 40°C (41° to 104°F)
Relative Humidity Range: 10% RH to 90% RH non-condensing
ESD Protection: 8kV Air/4kV 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[1] (4 in per second)
1 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 external charge contacts, 11-15V, built-in spike and surge protection
Recharging: 4 - 6 hours
RL4e Endurance: Prints more than 320, 100 x 150 mm (4 in x 6 in) labels when operating 16 continuous hours on an 802.11 network
RL3e Endurance: Prints more than 850, 76 x 152 mm (3 in x 1 in) labels when operating for 28 consecutive hours on an 802.11 network

MEMORY

64MB RAM/128MB Flash

COMMUNICATION

Serial: RS232, up to 460.8 kbps
USB: 2.0 (full speed)
Bluetooth®: Bluetooth® 2.1 + LE 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:

	WEP	WPA	WPA2
Modes		PSK/Enterprise	
Security/ Encryption	64/128	TKIP/RC4	CCMP/ AES
Authentication	LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP		

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

MEDIA

Media Type:
RL3e: 26 mm (1.00 in) to 79 mm (3.125 in)
RL4e: 51 mm (2.00 in) to 105 mm (4.12 in)
Linered 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 optimum print quality and printer performance, use certified Honeywell media supplies
**For use in RLe Series printers equipped with linerless option only*

AGENCY APPROVALS

FCC 15 Class B, EN55022 Class B, EN55024, IEC 60950-1 2nd Edition, EAC - Customs Union, CCC, SRRC
Safety: UL/cUL, CE.
Contact your Honeywell sales representative for the most recent list of agency approvals.

BARCODES/FONTS/GRAPHICS

Scalable Fonts: CG Triumvirate™ Bold Condensed, CG Triumvirate & CG Times with Cyrillic, Greek, Arabic and Hebrew character support from Monotype Imaging
Standard Fonts: 5.5CPI, 7.2CPI, 10.2 CPI, 10.7CPI, 18.5CPI 20.4CPI, 22.6CPI, 34.0CPI, OCR-A, OCR-B (additional fonts available)
Downloadable Font Types: True Type, 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 Symbologies: PDF417, Aztec, QR Code, GS1, Datamatrix, TLC39, MicroPDF417
Graphics: Supports storage of graphics/logos in Flash memory and transient "print once" graphic

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 mange 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
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, iOS 5,6, & 7; Microsoft Windows® Desktop up to Windows® 8, Windows® 8 Store, Windows® Mobile & Windows® CE; C++, C-Sharp, Java, Active X Control

OTHER TOOLS;

AirWatch® Support
Lua and JSON Scripting Language

OPTIONS

Charge Contacts
Cigarette Ligher Vehicle Charger
Configurable Multi-Bay Charger
Dual-Battery Charger
IP-54 Environmental Case
Linerless
Single-Bay Charger for Use with External Multi-Unit Charging Adaptor

WARRANTY

Printer: Two years (including platen roller, printhead and installed options) when used with approved supplies.
Extended Warranty: Contact your Honeywell representative for extended warranty options available through Honeywell Repair Services.

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RLe Series Mobile Receipt Printer-DS Rev 09/15
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Honeywell

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All Brands Technical Service

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Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)