



1D



Dual

Interface











Bluetooth

2200 mAh

**IP42** 

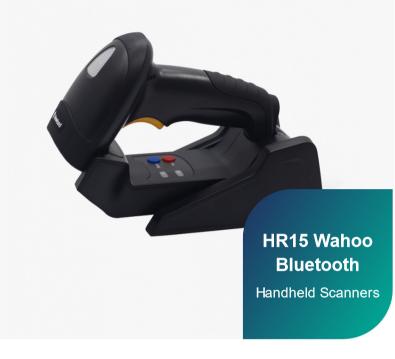




EasySet



Warranty 3 Years



### **Features**

### High Performance 1D Scanning.

The HR15 Wahoo Bluetooth combines Newland's own UIMG decoding with our latest linear imager scanning technology to produce snappy scanning on 1D codes. Printed or displayed on a variety of materials the Wahoo scans at a distance and speed closer to the performance expected from that of laser scanners than from traditional CCD.

### Reliable Wireless Connection.

Adopting the latest Bluetooth 5.0 technology, the HR15 Wahoo Bluetooth is able to maintain a strong, anti-interference connection to transmit data. Achieving communication distances of up to 50m, the Wahoo is as at home in a tight localized workspace where wires are unwanted clutter, as it is to bridging wider gaps from a host to a scanner.

#### Seven scanners to one base station.

The BT5.0 technology selected for the HR15 Wahoo Bluetooth allows up to 7 scanners to be paired to a single base station, allowing coordinated scanning applications to transmit data to a single host. This maximises available human resource without having to match up each scanner with a

different PC, tablet or mobile computer.

### Real time and batch.

The intelligence in the HR15 Wahoo Bluetooth allows the user to move seamlessly from direct BT download to a host. When out of range, it can store captured codes and download them when back in range. With its large memory capacity, enabling storage of up to 15,000 standard EAN barcodes, the Wahoo can set up to work as a pure data collector.

### Stamina in the work place.

The HR15 Wahoo Bluetooth is built to be dropped from 1.5m and sealed for dust and moisture. It has a battery capacity designed to prop up its efficient power consumption to over 15 hours.

### Powerful Data Editing.

The HR15 Wahoo Bluetooth is compatible with Newland's Easyset configuration software, allowing users to create the ideal configurations to match the Wahoo's incredible scanning performance with the application requirements.

# Suggested industries











**Public Sector** 

## HR15 Wahoo Bluetooth Technical specifications

		_		
Da	to.	Ca	nti	IFO

All major 1D symbologies, including EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 25, Standard 25, Matrix 2 of 5, GS1 Databar, Code

39, Code 11, MSI-Plessey, Plessey.

Image Sensor 2500 CCD

Illumination Red LED (622nm-628nm)

Depth of Field EAN 13 (13mil) 55mm-550mm

Depth of Field Code 39 (5mil) 90mm-160mm

Scan Angle Pitch  $\pm 60^{\circ}$  Scan Angle Skew  $\pm 60^{\circ}$ 

Minimal Print Contrast ≥25%

#### **Performance**

Memory Flash ≥15000 pieces Code 128 (20 byte of each code 128)

### **Physical**

Battery Type 2400 mAh lithium-ion battery

Dimensions (mm) Scanner: 113.5(W)x73.3(D)x159.0(H)mm

Expected Battery Life 15 hours of continuous operation (scan once per 6 seconds)

Expected Charge Time <4 hours (with power adapter)

Input Voltage 5VDC±5%
Interfaces RS-232, USB

Notifications Beep, LED indicator

Weight Scanner: 213g

### Wireless

Radio Technology Bluetooth 5.0

Wireless Distance (max.) ≥50m/164ft (direct line of sight in open air)

Communication Modes Synchronous, asynchronous and batch modes

### Environmental

Operating Temperature -20°C to 60°C (-4°F to 140°F)

Storage Temperature -40°C to 70°C (-40°F to 158°F)
Humidity 5% to 95% (non-condensing)

Electro Static Discharge (ESD) ±8KV (air discharge); ±4KV (direct discharge)

Drop Scanner: 1.5m Cradle: 1m

IP Rating IP42

### Software

Configuration Tools EasySet

### Certifications

Hardware FCC Part15 Class B, CE EMC Class B, RoHS

+31 (0) 345 87 00 33

info@newland-id.com

newland-id.com

Feel free to contact us or a partner near you

visit newland-id.com/partners

Specifications are subject to change without notice

© Newland EMEA 2023, all rights reserved



# HR15 Wahoo Bluetooth Technical specifications

Warranty

Standard

3 years



+31 (0) 345 87 00 33 info@newland-id.com

newland-id.com

Feel free to contact us or a partner near you visit newland-id.com/partners

Specifications are subject to change without notice

© Newland EMEA 2023, all rights reserved

