



# HR15 Wahoo Bluetooth

General Purpose Handheld Scanners

 1.5m drop	 1D	 2,200 mAh	 Bluetooth 5.0	 CCD	 Dual Interface
 EasySet	 IP42	 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.

**3** Years Full Warranty

 EasySet

## TECHNICAL SPECIFICATIONS

# HR15 Wahoo Bluetooth

### Data Capture

1D	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.
Depth of Field Code 39 (5mil)	90 mm - 160 mm

Depth of Field EAN 13 (13mil)	55 mm - 550 mm
Illumination	Red LED (622nm-628nm)
Image Sensor	2500 CCD
Minimal Print Contrast	>25%
Scan Angle Pitch	±60°
Scan Angle Skew	±60°

#### Performance

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

Battery Type	2400 mAh lithium-ion battery
Dimensions	113.5(W) x 73.3(D) x 159(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	5 VDC ±5%
Interfaces	USB, RS-232
Notifications	Beep, LED
Weight	213 g

#### Wireless

Communication Modes	Synchronous, Asynchronous, Batch
Radio Technology	Bluetooth 5.0
Wireless Distance ( max.)	≥50 m/164ft (direct line of sight in open air)

#### Environmental

Drop	1.5 m
Drop with Cradle	1 m
Electro Static Discharge (ESD)	±8 kV (air discharge), ±4 kV (direct discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP42
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

#### Software

Configuration Tools	EasySet
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#### Certifications

Certifications Hardware	CE EMC Class B, FCC Part15 Class B, RoHS
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#### Warranty

Warranty Standard	3 Years
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**Newland AIDC EMEA**

Feel free to contact us or a partner near you.  
[info@newland-id.com](mailto:info@newland-id.com) - [newland-id.com](http://newland-id.com)

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