Newland AIDC
SCANNING MADE SIMPLE

1D | Dual Interface | Bluetooth 5.0 | CCD | 2200 mAh | IP42

1.5m drop | EasySet | Warranty 3 Years



HR15 Wahoo Bluetooth

Handheld Scanners

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 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

Retail | Warehousing | Healthcare | Postal | Public Sector

HR15 Wahoo Bluetooth Technical specifications

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.
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	±60°
Scan Angle Skew	±60°
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℃ to 70℃ (-40°F to 158°F)

Newland AIDC EMEA

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Specifications are subject to change without notice

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HR15 Wahoo Bluetooth Technical specifications

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
Warranty	
Standard	3 years

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