Newland
SCANNING MADE SIMPLE

1d | ccd | ip42 | 1.5m drop | bluetooth | usb

rs232 | 2200 mah

HR15 BT Wahoo

handheld scanners

Features

High Performance 1D Scanning.

The HR15 BT Wahoo 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 BT Wahoo 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 BT Wahoo 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 BT Wahoo 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 BT Wahoo 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 BT Wahoo 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.

Application Scenarios

food traceability | government | healthcare | inventory

retail

HR15 BT Wahoo technical specifications

Performance	Memory Flash	≥15000 pieces Code 128 (20 byte of each code 128)
	Image Sensor	2500 CCD
	Illumination	Red LED (622nm-628nm)
	Depth of Field EAN13 (13mil)	55mm-550mm
	Depth of Field CODE 39 (5mil)	90mm-160mm
	Minimal Print Contrast	≥25%
	Scan Angle Pitch	±60°
	Scan Angle Skew	±60°
Data capture	1D	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, etc.
Physical	Dimensions (mm)	Scanner: 113.5(W)x73.3(D)x159.0(H)mm
	Weight	Scanner: 213g
	Interfaces	RS-232, USB
	Battery Type	2200 mAh lithium-ion battery
	Expected Battery Life	≥12 hours of continuous operation (scan once per 6 seconds)
	Expected Charge Time	≤4 hours (with power adapter)
	Notifications	Beep, LED indicator
	Input Voltage	5VDC±5%
Environmental	Operating Temperature	-20°C to 50°C (14°F to 122°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
	Sealing	IP42
Wireless	WPAN Radio	Bluetooth 5.0
	Communication Distance	≥50m/164ft (direct line of sight in open air)
	Communication Modes	Synchronous, asynchronous and batch modes
Device Management	Software	EasySet (configuration)
Certifications	Certifications	FCC Part15 Class B, CE EMC Class B
Warranty	Warranty	3 years

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