Newland AIDC
SCANNING MADE SIMPLE



HR15 Wahoo BT SD

General Purpose Handheld Scanners

1.5m drop | 1D | 2,400 mAh | Bluetooth 5.0 | CCD | EasySet

IP42 | USB | Warranty 3 Years



Features

High Performance 1D Scanning
The HR15 Wahoo BT SD 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.

Perfected for POS
The HR15 Wahoo BT SD has a stand design for hands-free scanning, especially ideal for POS applications. Users can process smaller items without having to pick up the scanner. The scanner can then be picked up to use for more oversized items without dealing with cables.

JPOS and OPOS Driver Support
When in HID-POS or Newland CDC mode, JPOS and OPOS drivers are supported via the dongle directly or the dongle, stand + USB cable combination.

Supports the Workload
The 2400mAh battery, combined with the low power consumption of the HR15 Wahoo BT SD and lower power Bluetooth 5.0, means a full charge can last over 12 hours. A charge from empty to full takes less than 4 hours.

Fit for the job
With a 1.5m drop and IP42 rating, the HR15 Wahoo BT SD can take a tumble from a high countertop or workbench onto hard floors with no problem. The IP42 is a high enough sealing for dirty and damp environments.

Flexible Bluetooth Options
The HR15 Wahoo BT SD has 3 Bluetooth options. When the dongle and charging station is connected, the scanner transmits data via the USB cable to the host. The dongle can also be removed and used in a spare USB port, and the Bluetooth on the scanner can be paired with a 3rd party Bluetooth on a host.

3 Years Full Warranty

EasySet

TECHNICAL SPECIFICATIONS

HR15 Wahoo BT SD

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)

Physical

Battery Type	2400 mAh lithium-ion battery
Dimensions	113.5(W) x 73.3(D) x 159(H) mm
Input Voltage	5 VDC ±5%
Interfaces	USB
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

Certifications

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

Warranty

Comprehensive Service Contract	3 Years, 5 Years
Warranty Standard	3 Years

Accessories

Accessories Optional	Stand/Docking station, RS-232 cable, USB cable, USB-C cable, Multiplug adapter, Wall mount clip
Accessories Standard	USB cable, Stand/Docking station

What's in the box?

NLS-HR1580-BT-SD	HR15 Wahoo BT SD, Stand/Docking station, USB cable

Accessories

Charging/Power	ADP100 Power Supply for HR, FR, and FM Series (ADP100)
Base Stations	NLS-CD1580-N0 Bluetooth Stand for HR15 and HR32 (NLS-CD1580-N0) NLS-STD-WM001 Wall Mount Clip for HR Series (NLS-STD-WM001)

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