



HR52 Bonito Bluetooth

General Purpose Handheld Scanners



Features

Developed for scanning at the POS.

Equipped with a megapixel barcode scanner, the HR52 Bonito Bluetooth provides you with some of the snappiest and most accurate scanning on the market. It reads virtually all 1D or 2D barcode in any condition, including DotCode on tobacco products.

Perfected for precise aiming.

Soft, white illumination combined with a clear cross laser aimer provide ideal conditions for point-and-shoot scanning. One press of the trigger is sure to capture the correct barcode, even if surrounded by other barcodes, by using Newland's Acuscan aiming technology.

Adjusts to your environment.

No matter where the scanner needs to fit into your business, the HR52 Bonito Bluetooth suits the setting. Its stand can be set for hands-free scanning, optimising work at your POS while keeping the device fully charged. In the stockroom or your warehouse, it can be mounted vertically or horizontally for easy access.

Durable design.

The built-in durability of the HR52 Bonito Bluetooth makes the handheld scanner a reliable solution. Everyday drops to the floor or bumps on the counter are no match for its 1.8m drop resistance.

Maximised mobility.

Use a corded or a cordless version of the HR52 Bonito Bluetooth, depending on what is right for you. Bluetooth 5.0 of the cordless handheld scanner ensures ultrafast wireless communication with a docking station or other device (HID level). The strong, reliable connection of up to 50m offers all-day flexibility on the work floor.

3 Years Full
Warranty

 **EasySet**

HR52 Bonito Bluetooth

Data Capture

1D	All major 1D symbologies, including EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 25, Standard 25, Matrix 25, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey.
2D	All major 2D symbologies, including PDF417, QR Code, Data Matrix, Aztec, Maxicode.
Aiming	Laser diode (650nm)
Depth of Field Code 39 (5mil)	110 mm - 240 mm, RT: 70 mm - 210 mm
Depth of Field DataMatrix (10mil)	90 mm - 190 mm, RT: 40 mm - 170 mm
Depth of Field EAN 13 (13mil)	50 mm - 555 mm, RT: 35 mm - 280 mm
Depth of Field PDF417 (6.7mil)	90 mm - 210 mm, RT: 50 mm - 160 mm
Depth of Field QR (15mil)	40 mm - 360 mm, RT: 20 mm - 230 mm
Field of View Horizontal	48°
Field of View Vertical	28°
GS1 Ready	Yes
Illumination	White LED
Image Sensor	1280 x 800 CMOS
Minimal Print Contrast	20%
Motion Tolerance	50 cm/s
Scan Angle Pitch	±55°
Scan Angle Roll	360°
Scan Angle Skew	±55°
Scan Modes	Automatic Batch, Manual Batch

Performance

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

Physical

Battery Type	2400 mAh lithium-ion battery
Dimensions	95.5(W) x 77.5(D) x 172.5(H) mm
Expected Battery Life	≥12 hours of continuous operation (scan once per 6 seconds)
Expected Charge Time	≤4 hours (with power adapter)
Input Voltage	5 VDC ±5%
Interfaces	RS-232, USB
Notifications	Beep, LED, Vibration
Weight	227 g

Wireless

Radio Technology	Bluetooth 5.0
------------------	---------------

Environmental

Drop	1.8 m
Drop with Cradle	1 m
Electro Static Discharge (ESD)	±15 kV (air discharge), ±8 kV (direct discharge)

Humidity	5% to 95% (non-condensing)
IP Rating	IP54
Operating Temperature	-20°C to 50°C (-4°F to 122°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
Warranty	
Comprehensive Service Contract	3 Years, 5 Years
Warranty Extension	+2 Years
Warranty Standard	3 Years
Accessories	
Accessories Optional	Stand/Docking station, USB cable, USB-C cable, RS-232 cable, Multiplug adapter, Wall mount clip
Accessories Standard	USB cable, Multiplug adapter, Stand/Docking station
What's in the box?	
All versions	HR52 Bonito BT, Stand/Docking station, USB cable, Multiplug adapter

Accessories

Charging/Power	ADP100 Power Supply for HR, FR, and FM Series (ADP100)
Cables	CBL017U RJ to USB-C Cable for HR, FR and FM Series (CBL017U) CBL030UA USB Cable for HR, FM, and FR (CBL030UA) CBL036UA USB Cable for HR, FM, and FR Series (CBL036UA) CBL037R RS232 Cable for HR, FR, and FM Series (CBL037R) CBL042UA USB Cable for HR, FM, and FR Series (CBL042UA) CBL048U USB Cable for Ingenico iCT220 (CBL048U) CBL105U USB White Cable for HR Series (CBL105U) CBL128R Cable for Magellan Connection (CBL128R)
Peripherals	EX232 Remora (NLS-EX232-01)
Base Stations	NLS-CD52 Bluetooth Stand for HR52 (NLS-CD52) NLS-STD-WM001 Wall Mount Clip for HR Series (NLS-STD-WM001)

Newland AIDC EMEA

Feel free to contact us or a partner near you.
info@newland-id.com - newland-id.com

Specifications are subject to change without notice
 © Newland AIDC EMEA 2026 - All rights reserved