



1D & 2D











DotCode

Bluetooth

Acuscan Megapixel

IP54

1.8M drop



Interface

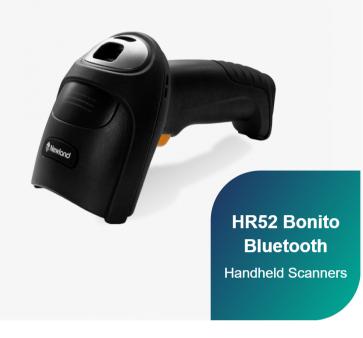
2400mAh







EasySet Warranty 3 Years



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.





Suggested industries











Healthcare Logistics

Warehousing

HR52 Bonito Bluetooth Technical specifications

2D

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.

90mm-210mm/RT:50mm-160mm

All major 2D symbologies, including PDF417, QR Code, Data Matrix, Aztec, Maxicode.

Image Sensor 1280x800 CMOS

Illumination White LED

Aiming 650nm laser diode

Scan Modes Automatic Batch, Manual Batch

Depth of Field EAN 13 (13mil) 50mm-555mm/RT:35mm-280mm

Depth of Field Code 39 (5mil) 110mm-240mm/RT:70mm-210mm

Depth of Field Data Matrix (10mil) 90mm-190mm/RT:40mm-170mm

Depth of Field QR (15mil) 40mm-360mm/RT:20mm-230mm

Performance

Scan Angle Skew

Depth of Field PDF417 (6.7mil)

Memory Flash ≥15,000 code entries (Code 128, 20 bytes)

±55°

Minimal Print Contrast 20%

Scan Angle Roll 360°

Scan Angle Pitch ±55°

Field of View Horizontal 48°

Field of View Vertical 28°

Motion Tolerance 50cm/s

Physical

Dimensions (mm) Scanner: 95.5(L)x77.5(W)x172.5(H)mm

Weight 227g

Interfaces RS-232, USB

Battery Type 2400mAh 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, vibration

Input Voltage 5VDC±5%

Environmental

Operating Temperature -20°C to 50°C (-4°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) ±15 kV (air discharge), ±8 kV (direct discharge)

Drop Scanner: 1.8m. Cradle: 1.0m

Newland EMEA HQ

+31 (0) 345 87 00 33

info@newland-id.com

newland-id.com

Feel free to contact us or a partner near you

visit newland-id.com/partners

Specifications are subject to change without notice

© Newland EMEA 2022, all rights reserved



HR52 Bonito Bluetooth Technical specifications

IP Rating	IP54	
Software		
Configuration Tools	EasySet	
Certifications		
Hardware	FCC Part15 Class B, CE EMC Class B	
Warranty		
Standard	3 years	

