



**HR52 Bonito  
Bluetooth**  
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.



## Suggested industries



Healthcare



Logistics



Retail



Warehousing

# HR52 Bonito Bluetooth Technical specifications

## 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.                                                                                                                                                     |
| 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 PDF417 (6.7mil)     | 90mm-210mm/RT:50mm-160mm                                                                                                                                                                                                               |
| Depth of Field Data Matrix (10mil) | 90mm-190mm/RT:40mm-170mm                                                                                                                                                                                                               |
| Depth of Field QR (15mil)          | 40mm-360mm/RT:20mm-230mm                                                                                                                                                                                                               |

## Performance

|                          |                                           |
|--------------------------|-------------------------------------------|
| Memory Flash             | ≥15,000 code entries (Code 128, 20 bytes) |
| Minimal Print Contrast   | 20%                                       |
| Scan Angle Roll          | 360°                                      |
| Scan Angle Pitch         | ±55°                                      |
| Scan Angle Skew          | ±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                      |

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Specifications are subject to change without notice

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# 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                            |