



**HR52 Bonito  
Coded**  
Handheld Scanners

## Features

### Developed for scanning at the POS.

Equipped with a megapixel barcode scanner, the HR52 Bonito Coded 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 Coded 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 Coded 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.



## Suggested industries



Retail



Logistics



Healthcare

# HR52 Bonito Coded 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  |
| Aiming                            | 650nm laser diode  |
| Illumination                      | White LED  |
| Depth of Field EAN 13 (13mil)     | 35mm-280mm   |
| Depth of Field Code 39 (5mil)     | 70mm-210mm   |
| Depth of Field PDF417 (6.67mil)   | 50mm-160mm   |
| Depth of Field DataMatrix (10mil) | 40mm-170mm   |
| Depth of Field QR (15mil)         | 20mm-230mm   |
| Field of View Horizontal          | 42°  |
| Field of View Vertical            | 28°  |
| Scan Angle Roll                   | 360°   |
| Scan Angle Pitch                  | ±55°   |
| Scan Angle Skew                   | ±55°   |
| Motion Tolerance                  | 50cm/s   |
| Minimal Print Contrast            | 20%  |

## Physical

|                          |                                |
|--------------------------|--------------------------------|
| Current @ 5VDC Operating | 272mA (typical)                |
| Current @ 5VDC Standby   | 81mA                           |
| Dimensions (mm)          | 95.5(L)x77.5(W)x172.5(H)mm     |
| Input Voltage            | 5VDC±5%                        |
| Interfaces               | RS-232, USB                    |
| Notifications            | Beep, LED indicator, vibration |
| Power Consumption        | 1308mW                         |
| Weight                   | 180g                           |

## 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                           | 1.8m   |
| IP Rating                      | IP54   |

## Accessories

|          |           |
|----------|-----------|
| Standard | USB Cable |
|----------|-----------|

### Newland EMEA HQ

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Specifications are subject to change without notice

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# HR52 Bonito Coded Technical specifications

|          |             |
|----------|-------------|
| Optional | RS232 Cable |
|----------|-------------|

## Software

|                     |         |
|---------------------|---------|
| Configuration Tools | EasySet |
|---------------------|---------|

## Certifications

|          |  |
|----------|--|
| Hardware | FCC Part 15, Class B, CE EMC Class B, CB IEC/EN62368 - 60825 |
|----------|--|

## Warranty

|          |         |
|----------|---------|
| Standard | 5 years |
|----------|---------|

### Newland EMEA HQ

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