Newland AIDC
SCANNING MADE SIMPLE



# HR52 Bonito Corded

General Purpose Handheld Scanners

1.8m drop
1D & 2D
Acuscan
Coiled Cable
DotCode
Dual Interface
EasySet
GS1 Ready
IP54
Laser Aimer
Megapixel
Warranty 5 Years





## Features

**Developed for scanning at the POS.**
Equipped with a megapixel barcode scanner, the HR52 Bonito Corded 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.

**Adjusts to your environment.**
No matter where the scanner needs to fit into your business, the HR52 Bonito Corded 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 Corded 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.

5 Years Full Warranty

EasySet

TECHNICAL SPECIFICATIONS

# HR52 Bonito Corded

## 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) | 70 mm - 210 mm |
| Depth of Field DataMatrix (10mil) | 40 mm - 170 mm |
| Depth of Field EAN 13 (13mil) | 35 mm - 280 mm |
| Depth of Field PDF417 (6.67mil) | 50 mm - 160 mm |
| Depth of Field QR (15mil) | 20 mm - 230 mm |
| Field of View Horizontal | 42° |
| 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° |

## Physical

| | |
|---|---|
| Current @ 5VDC Operating | 272 mA (typical) |
| Current @ 5VDC Standby | 81 mA |
| Dimensions | 95.5(W) x 77.5(D) x 172.5(H) mm |
| Input Voltage | 5 VDC ±5% |
| Interfaces | RS-232, USB |
| Notifications | Beep, LED, Vibration |
| Power Consumption | 1308 mW |
| Weight | 180 g |

## Environmental

| | |
|---|---|
| Drop | 1.8 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 Standard | 5 Years |
| **Accessories** | |
| Accessories Optional | USB cable, USB-C cable, RS-232 cable, Multiplug adapter, Foldable smart stand, Wall mount clip |
| Accessories Standard | USB cable |
| **What's in the box?** | |
| NLS-HR5280RT-S5 | HR52 Bonito, 3,5 meter coiled USB cable |
| NLS-HR5280RT-SF | HR52 Bonito, 3,5 meter coiled USB cable, Foldable smart stand |

## 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)<br>CBL030UA USB Cable for HR, FM, and FR (CBL030UA)<br>CBL036UA USB Cable for HR, FM, and FR Series (CBL036UA)<br>CBL037R RS232 Cable for HR, FR, and FM Series (CBL037R)<br>CBL042UA USB Cable for HR, FM, and FR Series (CBL042UA)<br>CBL048U USB Cable for Ingenico iCT220 (CBL048U)<br>CBL105U USB White Cable for HR Series (CBL105U)<br>CBL128R Cable for Magellan Connection (CBL128R) |
| **Peripherals** | EX232 Remora (NLS-EX232-01) |
| **Base Stations** | NLS-STD-WM001 Wall Mount Clip for HR Series (NLS-STD-WM001)<br>NLS-STD20i-52 Smart Foldable Stand for HR52 (NLS-STD20i-52) |

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**Newland AIDC EMEA**
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