














HR52 Bonito Corded

General Purpose Handheld Scanners

 1.8m drop	 1D & 2D	 Acuscan	 Coiled cable	 DotCode	 Dual Interface
 EasySet	 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°
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	USB, RS-232
Notifications	Beep, LED, Vibration
Power Consumption	1308 mW
Weight	180 g

Environmental

Drop	1.8 m
Electro Static Discharge (ESD)	±8 kV (direct discharge), ±15 kV (air 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	CE EMC Class B, FCC Part 15 Class B
-------------------------	-------------------------------------

Warranty

Comprehensive Service Contract	3 Years, 5 Years
Warranty Standard	5 Years

Accessories

Accessories Optional	USB cable, USB-C cable, Multiplug adapter, RS-232 cable, Wall mount clip, Foldable smart stand
Accessories Standard	USB cable

What's in the box?

NLS-HR5280RT-S5	HR52 Bonito, 3,5 meter coiled USB cable
-----------------	---

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 HR12, HR32 and HR52 Series (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-STD-WM001 Wall Mount Clip for HR Series (NLS-STD-WM001)
NLS-STD20i-52 Smart Foldable Stand for HR52 (NLS-STD20i-52)

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