



**HR52 Bonito BT
(Retail Edition)**
handheld scanners

Features

Developed for scanning at the POS.

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



Application Scenarios



inventory



point of sale



track & trace



warehousing

HR52 Bonito BT (Retail Edition) technical specifications

| | | |
|-----------------------|------------------------------------|---|
| Performance | Memory Flash | ≥15,000 code entries (Code 128, 20 bytes) |
| | Image Sensor | 1280x800 CMOS |
| | Illumination | White LED |
| | Aiming | 650nm Laser diode |
| | Depth of Field EAN13 (13mil) | 35mm-280mm |
| | Depth of Field CODE 39 (5mil) | 70mm-210mm |
| | Depth of Field PDF417 (6.67mil) | 50mm-160mm |
| | Depth of Field Data Matrix (10mil) | 40mm-170mm |
| | Depth of Field QR (15mil) | 20mm-230mm |
| | 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° |
| | Scan Modes | Automatic Batch, Manual Batch |
| | Motion Tolerance | 50cm/s |
| | Data capture | 1D |
| 2D | | PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc. |
| Physical | Dimensions (mm) | Scanner: 95.5(L)x77.5(W)x172.5(H)mm |
| | Weight | 227g |
| | Interfaces | RS-232, USB |
| | Battery Type | 2200mAh 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 |
| | Sealing | IP54 |
| Wireless | Communication Distance | ≥50m (in open space) |
| | Communication Modes | Automatic Batch and Manual Batch modes |
| Certifications | Certifications | FCC Part15 Class B, CE EMC Class B |