Newland
SCANNING MADE SIMPLE

1d | 2d | CMOS mega pixel (cmos megapixel) | IP54 (ip54) | 1.8M DROP (1.8m drop) | bluetooth

usb | rs232 | 2200 mah



HR52 BT Bonito Logistics

handheld scanners

Features

Unstoppable scanning performance.

Scan virtually any 1D or 2D barcode in any condition. The HR52 Bonito is equipped with a megapixel barcode scanner, which gives it some of the snappiest and most accurate scanning performances available. Its engine allows it to scan barcodes that are creased, damaged or covered by cellophane without hesitation.

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, while keeping the device fully charged. On your plant floor or in your warehouse, it can be mounted vertically, horizontally or strung from the ceiling for easy access.

Durable design.

Everyday bumps and drops happen, especially in tough environments like a warehouse or manufacturing plant. That's why the HR52 Bonito was designed to withstand the most demanding operations and environments. A 1.8m drop resistance means it will survive fall from most machinery.

Maximised mobility.

Bluetooth 5.0 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 | manufacturing | postal | warehousing

HR52 BT Bonito Logistics 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-565mm
	Depth of Field CODE 39 (5mil)	95mm-260mm
	Depth of Field PDF417 (6.67mil)	90mm-200mm
	Depth of Field Data Matrix (10mil)	80mm-210mm
	Depth of Field QR (15mil)	30mm-360mm
	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	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 25, Standard 25, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, etc.
	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℃ to 50℃ (-4°F to 122°F）
	Storage Temperature	-40℃ to 70℃ (-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

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