Newland
SCANNING MADE SIMPLE

1d | 2d | cmos megapixel | ip42 | 1.8m drop | usb | rs232



HR52 Bonito (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

HR52 Bonito (Retail Edition) technical specifications

Performance	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	42°
	Field of View Vertical	28°
	Motion Tolerance	50cm/s
Data capture	1D	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, etc.
	2D	PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc.
Physical	Dimensions (mm)	95.5(L)x77.5(W)x172.5(H)mm
	Weight	180g
	Interfaces	RS-232, USB
	Notifications	Beep, LED indicator, vibration
	Input Voltage	5VDC±5%
	Current @ 5VDC Operating	272mA (typical)
	Current @ 5VDC Standby	81mA
	Power Consumption	1308mW
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	1.8m
	Sealing	IP53
Certifications	Certifications	FCC Part15 Class B, CE EMC Class B

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