

HR2081-BT

Equipped with an outstanding CPU, this wireless handheld scanner can effortlessly capture high-density, high-volume and distorted barcodes printed on paper or displayed on the screen. Adopting the latest Bluetooth 5.0 technology, the NLSHR2081-BT is able to maintain a reliable wireless connection to transmit data. The communication distance is up to 50m.



ID/2D Barcode



CMOS



IP42



Ergonomic Grip



USB-Interface



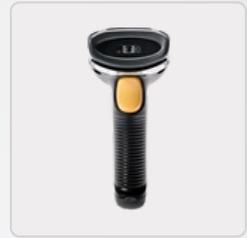
2400 mAh Battery



Bluetooth



Drop Withstand 1.5m



HR2081-BT Specification

HR2081-BT

Performance

Image Sensor	640×480 CMOS
Illumination	White LED
Aiming	Red LED (625nm)
Symbologies	ID Code-11, Code-128, Code-39, GS1-128(UCC/EAN-128), AIM-128, ISBT-128, Codabar, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-8, EAN-13, ISBN/ISSN, Interleaved 2 of 5, Febraban, Matrix 2 of 5, Industrial 25, ITF-6, ITF-14, Standard 25, China Post 25, MSI-Plessey, Plessey, GS1 Databar(RSS) 2D PDF417, Micro PDF 417, QR Code, Data Matrix, Micro QR Code Aztec, Data Matrix
Resolution*	≥3mil
Typical Depth of Field*	EAN-13 50mm-260mm (13mil) QR Code 30mm-170mm (15mil) Code 39 50mm-115mm (5mil) PDF 417 50mm-120mm (6.67mil) Data Matrix 35mm-125mm (10mil)
Scan Angle**	Pitch: ±60°, Roll: 360°, Skew: ±60°
Field of View	Horizontal 45°, Vertical 34°
Min. Symbol Contrast*	20%

Wireless

Communication Modes	Synchronous Mode, Automatic Batch Mode and Manual Batch Mode
Radio Technology	Bluetooth 5.0
Communication Distance	With Bluetooth 50m (Open Space)
Memory Capacity	≥15000 Pieces Code 128 (20 Byte of Each Code 128)
Battery	2400 mAh Lithium-Ion Battery
Expected Charge Time	5.5 Hours
Expected Battery Life	12 Hours of Continuous Operation (Scan Once per 6 Seconds)

Physical

Interface	USB
Operating Voltage	5VDC±5%
Dimensions (L x W x H)	145mm × 101mm × 68mm
Weight	167g
Notification	Beep, LED Indicator, Vibration

Environmental

Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Battery Charge Temperature	0°C to 45°C (32°F to 113°F)
Humidity	5% ~ 95% (Non-Condensing)
ESD	±15 KV (Air Discharge); ±8 KV (Direct Discharge)
Drop	1.5m
Sealing	IP42

Certificates

Certificates & Protection	FCC Part15 Class B, CE EMC Class B, RoHS, IEC62471, BIS, BQB
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*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample printed barcodes made by Newland.

**Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp; 1D: EAN-13 (13mil).

* The product pictures and display contents in the above pages are for illustration purpose only. The actual product effects (including but not limited to appearance, color, size) and screen display contents (including but not limited to background UI pictures) might differ.



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