



**Newland AIDC**  
Scanning Made Simple



# NLS-HR1580-BT

WIRELESS 1D BARCODE SCANNER

## FEATURES

### ○ Outstanding Performance

Equipped with Newland's key decoding technology, the NLS-HR1580-BT can effortlessly capture high-density, damaged, vague and distorted barcodes.

### ○ Reliable and Stable Wireless Communication

Adopting the latest Bluetooth which is strong anti-interference and stable to transmit the data.

### ○ Powerful Data Editing Function

HRI580-BT allows to customize decoding mode flexibly through preset.

### ○ Low Consumption and Great Compatibility

The low consumption of HRI580-BT reduces connection issues and maximizes the compatibility for diverse applications.



CCD



1D Barcode



IP 4.2



Drop



USB



Bluetooth



RS232



2400mAh

# NLS-HR1580-BT

## Performance

Image Sensor		2500 CCD
Illumination		Red LED (622nm-628nm)
	ID	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey
Resolution*		≥4mil
Typical Depth of Field*	EAN-13	55mm-550mm (13mil)
	Code 39	90mm-160mm (5mil)
	Code 128	50mm-410mm (10mil)
Scan Angle**		Pitch: ±60°, Roll: 360°, Skew: ±60°
Min Symbol Contrast*		25%

## Wireless

Communication Mode	Synchronous, asynchronous and batch mode
Radio Technology	Bluetooth 5.0
Communication Distance	50m (open space)
Memory Capacity	≥15000 pieces of Code 128 (20 byte of each Code 128)
Battery	2400 mAh lithium-ion battery
Expected Charge Time	4 hours (with power adapter)
Expected Battery Life	15 hours of continuous operation (scan once per 6 seconds)

## Physical

Interface	RS-232, USB
Operating Voltage	5VDC±5%
Dimensions (L×W×H)	Scanner: 113.5×73.3×159.0mm
Weight	Scanner: 217g
Notification	Beep, LED

## 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	±8 KV (air discharge); ±4 KV (direct discharge)
Drop	Scanner: 1.5m Cradle: 1m
Sealing	Scanner: IP42

## Certificates

Certificates & Protection	FCC Part15 Class B, CE EMC Class B, RoHS
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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;

ID: EAN-13 (13mil).

Specifications are subject to change without notice.

Version: V1.7

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