

# 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

The NLS-HR1580-BT allows to customize decoding mode flexibly through preset.

#### ■ Low Consumption and Great Compatibility

The low consumption of NLS-HR1580-BT reduces connection issues and maximizes the compatibility for diverse applications.

### Application Scenarios

Retail chains, inventory management, warehouse and logistics, express delivery services and supermarket, food traceability, electricity meter reading, asset counting, healthcare, etc.



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SCANNING MADE SIMPLE

## Wireless 1D Barcode Scanner

<b>Performance</b>	Image Sensor	2500 CCD	
	Illumination	Red LED (622nm-628nm)	
	Symbologies	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 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 (13mil)	55mm-550mm
		Code 39 (5mil)	90mm-160mm
		Code 128 (10mil)	50mm-410mm
	Scan Angle**	Pitch	±60°
		Tilt	360°
		Skew	±60°
Min. Symbol Contrast	≥25%		
<b>Wireless</b>	Communication Mode	Synchronous, asynchronous and batch modes	
	Radio Technology	Bluetooth 5.0	
	Communication Distance	50m/164ft (direct line of sight in open air)	
	Memory Capacity	≥15000 pieces Code 128 (20 byte of each Code 128)	
	Battery	2200 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)	
<b>Physical</b>	Interfaces	RS-232, USB	
	Dimensions	Scanner: 113.5(W)×73.3(D)×159.0(H)mm	
	Weight	Scanner: 217g	
	Notification	Beep, LED indicator	
	Operating Voltage	5VDC±5%	
	<b>Environmental</b>	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/4.9ft Cradle: 1m/3.3ft	
Sealing		Scanner: IP42	
<b>Certifications</b>	FCC Part15 Class B, CE EMC Class B		

\*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

\*\*Test conditions: Scan Distance=(min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp;  
2D: QR Code; 10 Bytes; Resolution=15mil; PCS=0.8.

Specification are subject to change without notice

Version: V1.4



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