

NLS-HR1580-BT

Wireless 1D Barcode Scanner



Features

■ Outstanding Performance

Armed with the latest 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.

NLS-HR1580-BT

SCANNING MADE SIMPLE

Wireless 1D Barcode Scanner

Performance	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°
Skew		±60°	
Min. Symbol Contrast	≥25%		
Wireless	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	≥12 hours of continuous operation (scan once per 6 seconds)	
Physical	Interfaces	RS-232, USB	
	Dimensions	Scanner: 113.5(W)×73.3(D)×159.0(H)mm	
	Weight	Scanner: 213g	
	Notification	Beep, LED indicator	
	Operating Voltage	5VDC±5%	
	Environmental	Operating Temperature	-10°C to 50°C (-14°F to 122°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	
Certifications	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: V1.2

Newland China

+86-591-83978605

contact@nlscan.com

www.newlandaidc.com

Newland Europe

+31(0)-345-87-0033

info@newland-id.com

www.newland-id.com

Newland North America

+1-510-490-3888

info@newlandna.com

www.newlandamerica.com

Newland Latin America

+1-239-598-0068

info@newlandla.com

www.newlandamerica.com

Newland Taiwan

+886-2-7731-5388

info@newland-id.com.tw

www.newland-id.com.tw

Newland Korea

+82-10-8990-4838

th.sung@newland-id.com.tw

www.newlandaidc.com

