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.

Powerful Data Editing Function

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

Reliable and Stable Wireless Communication

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

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

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℃; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

**Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23℃; 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

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