

# NLS-HR3280-BT

## Wireless 2D Barcode Scanner



### Features

#### ■ Outstanding Performance

Equipped with a outstanding CPU, this CPU-based scanner can effortlessly capture high-density, high-volume and distorted barcodes printed on paper or displayed on screen.

#### ■ 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-HR3280-BT allows to customize decoding mode flexibly through preset.

#### ■ Low Consumption and Great Compatibility

The low consumption of NLS-HR3280-BT reduces connection issues and maximizes the compatibility for diverse applications.

#### ■ Humanized Illumination Designation

The NLS-HR3280-BT can be set white and red led according to different workplaces. Not only relieving the visual fatigue but also improving working efficiency.

### 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

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<b>Performance</b>	Image Sensor	1280×800 CMOS	
	Illumination	White LED & Red LED	
	Aiming	Green LED	
	Symbologies	2D	PDF417, Micro PDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode
		1D	EAN-8, EAN-13, UPC-E, UPC-A, Code128, Coupon, UCC/EAN128, CodaBar, I2Of5, Febraban, ITF14, ITF6, Matrix 25, Code39, Code93, ISSN, ISBN, Industrial 25, Standard 25, China Post 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K, AIM 128, ISBT 128
	Resolution*	≥3mil	
	Typical Depth of Field*	EAN-13 (13mil)	50mm-495mm
		Code 39 (5mil)	85mm-220mm
		PDF 417 (6.7mil)	70mm-215mm
		Data Matrix (10mil)	50mm-220mm
		QR Code (15mil)	20mm-325mm
	Motion Tolerance	Max. 50 cm/s/19.7 in/s	
Scan Angle**	Pitch	±55°	
	Skew	±55°	
	Tilt	360°	
Field of View	Horizontal 39°, Vertical 24°		
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	≥12 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)	

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<b>Environmental</b>	ESD	±8 KV (air discharge); ±4 KV (direct discharge)
	Drop	Scanner: 1.2m/3.9ft    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: V1.1

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