

# 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.

#### ■ Megapixel Camera

The HR3280-BT is a barcode scanning powerhouse. No matter what type of barcode is presented, the megapixel camera allows users to scan 1D and 2D barcodes, including very small and high density ones, with impressive speed and ease.

#### ■ 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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<b>Performance</b>	Image Sensor	1280×800 (megapixel) CMOS		
	Illumination	White LED & Red LED (622nm-628nm)		
	Aiming	Green LED (515nm-535nm)		
	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		
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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# NLS-HR3280-BT

SCANNING MADE SIMPLE

## Wireless 2D Barcode Scanner

<b>Environmental</b>	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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