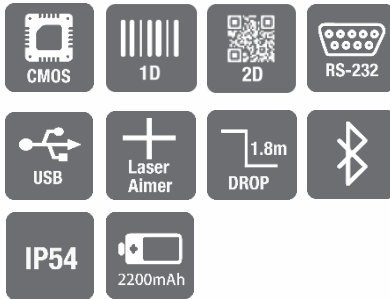


NLS-HR5280RT-BT



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.

■ Durable Construction

The scanner is built into an IP54-sealed and drop resistant (1.8m) housing without moving parts and fortifies itself.

■ Powerful Data Editing Function

The NLS-HR5280RT-BT allows to customize decoding mode flexibly through preset.

■ Low Consumption and Great Compatibility

The low consumption of NLS-HR5280RT-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.

Wireless 2D Barcode Scanner

Performance	Image Sensor	1280×800 CMOS		
	Illumination	Red LED (622nm-628nm)		
	Aiming	650nm laser diode		
	Symbologies	2D	PDF417, QR Code, Data Matrix, Chinese Sensible Code, DotCode, Data Matrix, Chinese Sensible Code, Maxicode, GM Code, Code One.	
		1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, ITF-6, ITF-14, Interleaved 2 of 5, Febraban, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey, Coupon, China Post 25, GS1-128, GS1 Composite, AIM 128, ISBT 128, Code 49, Code 16k.	
	Resolution*	≥3mil		
	Typical Depth of Field*	EAN-13 (13mil)	40mm-280mm	
		Code 39 (5mil)	70mm-200mm	
		PDF 417 (6.7mil)	50mm-160mm	
		Data Matrix (10mil)	40mm-170mm	
		QR Code (15mil)	20mm-230mm	
	Motion Tolerance	Max. 50 cm/s/19.7 in/s		
Scan Angle**	Pitch	±55°		
	Skew	±55°		
	Tilt	360°		
Field of View	Horizontal 42°, Vertical 28°			
Min. Symbol Contrast	≥20%			
Wireless	Communication Modes	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 of 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: 95.5(W)×77.5(D)×172.5(H)mm		
	Weight	Scanner: 227g		
	Notification	Beep, LED indicator, Vibration		
	Operating Voltage	5VDC±5%		
	Environmental	Operating Temperature	-20°C to 50°C (-4°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)		

NLS-HR5280RT-BT

Wireless 2D Barcode Scanner

Environmental	ESD	±15KV (air discharge); ±8KV (direct discharge)
	Drop	Scanner: 1.8m/5.9ft Cradle: 1m/3.3ft
	Sealing	Scanner: IP54
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: V1.1

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