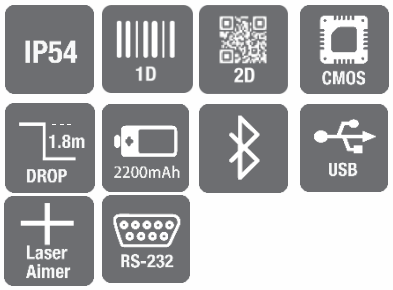
NLS-HR5280-BT

Wireless 2D Barcode Scanner



Features

Outstanding Performance

Armed with the latest decoding technology, the HR5280-BT 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-HR5280-BT allows to customize decoding mode flexibly through preset.

Low Consumption and Great Compatibility

The low consumption of NLS-HR5280-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-HR5280-BT

SCANNING MADE SIMPLE

Wireless 2D Barcode Scanner

Performance	Image Sensor		1280×800 CMOS
	Illumination		Red LED (322nm-628nm)
	Aiming		650nm laser diode
	Symbologies	2D	PDF417, Micro PDF417, Micro QR Code, QR Code, Data Matrix, Chinese Sensible Code
		1D	EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code93, 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*		≥3mil
	Typical Depth of Field*	EAN-13 (13mil)	50mm-565mm
		Code 39 (5mil)	100mm-240mm
		PDF 417 (6.7mil)	90mm-210mm
		Data Matrix (10mil)	90mm-190mm
		QR Code (15mil)	40mm-360mm
	Motion Tolerance		Max. 50 cm/s/19.7 in/s
	Scan Angle**	Pitch	±55°
		Skew	±55°
		Tilt	360°
	Field of View		Horizantal 42°, Vertical 28°
	Min. Symbol Contrast		≥20%
Wireless	Communication Mode		Synchronous, asynchronous and batch mode
	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)

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Newland

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SCANNING MADE SIMPLE

Environmental	ESD	±15 KV (air discharge); ±8 KV (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℃; 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.

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