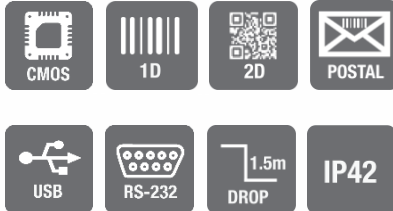


NLS-HR3280

2D Handheld Barcode Scanner



Features

■ Extensive Data Capture Capabilities

Armed with Newland's six-generation of **UIMG®** technology, the NLS-HR3280 provides the added value of postal barcodes decoding – extending its data capture capabilities.

■ Durable Construction

The NLS-HR3280, built into an IP42-sealed and drop resistant (1.5m) housing, can stand up to tough environments.

■ Powerful Data Editing Capability

The scanner allows customizing scanned data with ease and provides supporting software to address diverse application needs.

■ User-friendly Dual-color Illumination

Designed with the end user in mind, the NLS-HR3280 combines both red and white LEDs, and the ability to use them separately or together to meet the lighting requirements of various applications.

■ Ideal On-screen Barcode Scanning Solution

The NLS-HR3280 delivers unmatched reading performance for various O2O applications involving on-screen barcodes even when the screen is covered with protective film or set to its lowest brightness level.

■ Megapixel Camera

The HR3280 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.

Application Scenarios

Retail chains, warehouse management, logistics, manufacturing, express delivery services, food traceability, electricity meter reading, inventory counting, healthcare.

2D Handheld Barcode Scanner

Performance	Image Sensor		1280×800 (megapixel) CMOS	
	Illumination		Red LED/ White LED	
	Aiming		Green LED	
	Symbologies	2D		PDF417, QR Code, Data Matrix, Aztec, Maxicode, etc.
		Postal		USPS Postnet, Royal Mail, KIX Post, Australian Postal, etc.
		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, etc.
	Resolution*		≥3mil	
	Typical Depth of Field*	EAN-13 (13mil)		45mm-510mm
		Code 39 (5mil)		75mm-220mm
		PDF417 (6.7mil)		70mm-215mm
		Data Matrix (10mil)		50mm-220mm
		QR Code (15mil)		20mm-330mm
	Scan Angle**			Pitch: ±55°, Roll: 360°, Skew: ±55°
Field of View			Horizontal 39°, Vertical 24°	
Min. Symbol Contrast*			25%	
Mechanical/ Electrical	Interfaces		RS-232, USB	
	Dimensions		113.5(W)×73.3(D)×159.0(H)mm	
	Weight		162g	
	Notification		Beep, LED indicator	
	Rated Power Consumption		1289.6mW (typical)	
	Operating Voltage		5VDC±5%	
	Current@5VDC	Operating		238.2mA (typical), 260.5mA (max.)
		Standby		71.3mA
Environmental	Operating Temperature		-20°C to 60°C (-4°F to 140°F)	
	Storage Temperature		-40°C to 70°C (-40°F to 158°F)	
	Humidity		5%~95% (non-condensing)	
	ESD		±8 KV (direct discharge); ±15 KV (air discharge)	
	Drop		1.5m	
	Sealing		IP42	
Certifications			FCC Part15 Class B, CE EMC Class B	
Accessories	Cable	USB	Used to connect the HR3280 to a host device.	
		RS-232	Used to connect the HR3280 to a host device.	
	Power Adapter		DC5V power adapter to power the HR3280 with RS-232 cable.	

*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.

Specifications are subject to change without notice.

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