

NLS-HR3280

2D Handheld Barcode Scanner



Features

■ Extensive Data Capture Capabilities

Armed with Newland's sixth-generation of **UIMC**[®] technology, the NLS-HR3280 provides the added value of postal barcode 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.

Application Scenarios

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

NLS-HR3280

SCANNING MADE SIMPLE

2D Handheld Barcode Scanner

Performance	Image Sensor		1280×800 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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