CODESOFT

NLS-HR2081-Sta

Newland AIDC
Scanning Made Simple

HANDHELD 2D BARCODE SCANNER



Features

- **Outstanding Performance** Integrated with Newland' slatest-generation proprietary decoding chip technology, the device easily handles both traditionally printed barcodes and on-screen barcodes.
- **Elegant Appearance** Ergonomically designed to ensure comfort during intensive operations, the device also features a compact, lightweight, and stylish appearance.
- **Cost-effective Solution** NLS-HR2081-Staprovides a cost-effective data capture solution that allows customers to enjoy the capabilities of 2D barcode scanner for the price of 1D scanner.
- **Durable Construction** NLS-HR2081-Sta, built into an IP42-sealed and drop resistant (1.2m) housing with no moving parts, fortifies itself inside and out.

NLS-HR2081-Sta

Performance		
Image Sensor		640×480 CMOS
Illumination		White LED
Aiming		Red LED (625nm)
Symbologies	1D	Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, RSS-14, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Matrix 2of5, Industrial25, Standard25, Code39, Codabar, Code93, Code 11, Plessey, MSI-Plessey, RSS-Limited, RSS-Expand
	2D	PDF417, QR Code, Data Matrix, Aztec
Resolution*		≥3mil
Typical Depth of Field*	EAN-13	50mm-230mm (13mil)
	QR Code	30mm-130mm (15mil)
Scan Angle**		Pitch: ±50°, Skew: ±50°, Roll: 360°
Field of View		Horizontal 45°, Vertical 34°
Min Symbol Contrast*		≥30%
Physical		
Interface		USB, RS-232(Optional)
Operating Voltage		5VDC±10%
Rated Power Consumption		395.9mW
Current@5VDC	Operating	79.18mA (typical),94.23mA (max.)
	Idle	10.57mA
Dimensions		101 (L) x 68 (W) x 145 (H)mm
Weight		115g
Notification		Beep, LED indicator
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)
Humidity		5%~95% (non-condensing)
ESD		±15 KV (air discharge); ±8 KV (direct discharge)
Drop		1.2m
Sealing		IP42
Certificate		
Certificates & Protection		RoHS 2.0, IEC62471, BIS
Accessory		
USB Cable		Used to connectNLS-HR2081-Stato the host.

*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.

Specifications are subject to change without notice.

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