



## NLS-HR22

### HANDHELD BARCODE SCANNER

## FEATURES

#### ○ Outstanding Performance

Equipped with Newland's fifth-generation decoder chip, the NLS-HR22 can effortlessly capture high-density, high-volume and distorted barcodes printed on paper or displayed on screen.

#### ○ Elegant Appearance

Blending ergonomics and aesthetics in its design, the NLS-HR22 not only ensures operator comfort and productivity for intensive hand-held scanning but also meets the aesthetic needs of the O2O era.

#### ○ Cost-effective Solution

HR22 provides 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

HR22, built into an IP42-sealed and drop resistant (1.2m) housing with no moving parts, fortifies itself inside and out.



1D Barcode



2D Barcode



IP sealing



Drop

# NLS-HR22

## Performance

Image Sensor		640 * 480 CMOS
Illumination		Red LED (625±10nm)
Symbologies	2D	PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000,050, 080, 100, 140)
	1D	Code 128, UCC/EAN-128, AIM-128, EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5, Febraban, ITF-6, ITF-4, Matrix 2 of 5, Industrial 25, Standard 25, Code 39, Code 32, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GSI-DataBarTM(RSS), (RSS-14, RSS-Limited, RSS-Expand)
Resolution*		≥3mil
Typical Depth of Field*	EAN-13	40mm-355mm (13mil)
	Code 39	28mm-155mm (5mil)
	PDF 417	28mm-95mm (6.67mil)
	Data Matrix	25mm-95mm (10mil)
	QR	25mm-150mm (15mil)
Scan Angle**		Pitch: ±60°, Roll: 360°, Skew: ±55°
Min Symbol Contrast*		25%

## Physical

Interface		RS-232, USB
Current@5VDC	Operating	140±15mA
	Maximum	<270mA
	Standby	14.3±2mA
Power Adapter (optional)		Output: DC 5V, 1.5A    Input: AC 100~240V, 50-60Hz
Dimensions		145×101×68mm
Weight		115g
Notification		Beep, LED

## 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	±8 KV (contact discharge); ±15 KV (air discharge)
Drop	1.2m
Sealing	IP42

## Certificates

Certificates & Protection	FCC Part15 Class B, CE EMC Class B, RoHS
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\*Test conditions: T=23°C; Illumination=300lux using incandescent lamp; sample printed barcodes made by Newland.

\*\*Test conditions: Scan Distance= (min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp;

ID: EAN-13 (13mil).

Specifications are subject to change without notice.

Version: V2.3

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