



**Newland AIDC**  
Scanning Made Simple



# NLS-HR1550

## HANDHELD BARCODE SCANNER

### FEATURES

- **Fifth-generation UIMG® Technology**

The state-of-the-art UIMG® technology gives the NLS-HR15 an edge with unrivaled decoding capabilities on all mainstream 1D symbologies as well as PDF417 and MicroPDF417.

- **Durable Construction**

The NLS-HR15 is built into an IP54-sealed and drop resistant (1.5m) housing to withstand various harsh environments.

- **Lightweight Ergonomic Design**

This ergonomic lightweight scanner fits comfortably in any user's hands to reduce the fatigue of long-time operation, ideally suited for scan-intensive applications.



ID Barcode



Drop



IP sealing



USB



RS232



Mobile



Retail

# NLS-HR1550

## Performance

Image Sensor		Linear imager
Illumination		Red LED (620nm)
Symbologies	ID	Code 128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code 93, UCC/EAN-128, GSI Databar, PDF417 (max. 255 bytes), MicroPDF417 (max. 255 bytes), etc.
Resolution*		≥4mil
Typical Depth of Field*	Code 39	26.3mm-351.5mm (10mil)
	Code 39	26.3mm-456mm (13mil)
	Code 128	31.5mm-370.5mm (10mil)
	Code 128	31.5mm-456mm (13mil)
	EAN-13	31.5mm-342mm (10mil)
	EAN-13	31.5mm-465.5mm (13mil)
Scan Angle**		Pitch: ±55°, Roll: 30°, Skew: ±75°
Scan Rate		300 scans per second
Min Symbol Contrast*		25%

## Physical

Interface		RS-232, USB
Operating Voltage		5VDC±5%
Current@5VDC	Operating	135mA (typical), 185mA (max.)
	Standby	75mA
Dimensions(LxWxH)		113.5×73×159mm
Weight		152g
Notification		Beep, LED

## 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 (contact discharge); ±15 KV (air discharge)
Drop	1.5m
Sealing	IP54

## 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: V2.2

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