

# NLS-HR15

## Hand-held Barcode Scanner

- ◆ Zigbee Wireless Communication
- ◆ Fifth-generation **UIMG®** Technology
- ◆ Long-lasting Battery Life
- ◆ Durable Construction



### 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.

#### ■ Long-lasting Battery Life

This productivity-enhancing scanner offers up to 17 hours of battery life/ powers 60,000 scans, per full charge.

#### ■ Zigbee Wireless Communication

The use of Zigbee technology promises outstanding user experiences—up to 50m communication distance and easy networking to expand it, and three operating modes supported.

#### ■ Durable Construction

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

### Application Scenarios

Manufacturing, warehousing, logistics, retail chains, express delivery services, food traceability, electricity meter reading, inventory counting, healthcare.

# NLS-HR15

SCANNING MADE SIMPLE

## Hand-held Barcode Scanner

<b>Performance</b>	Image Sensor		Linear imager	
	Light Source		620nm visible red LED	
	Symbologies		Code 128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code 93, UCC/EAN-128, GS1 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°@ 0°Roll and 0° Skew
		Roll		±30°@ 0°Pitch and 0° Skew
		Skew		±75°@ 0°Roll and 0° Pitch
	Min. Symbol Contrast			25%
Scan Rate			300 scans per second	
Interfaces			RS-232, USB	
<b>Physical</b>	Dimensions (L×W×H)	Scanner	113.5×73×159mm	
		Cradle	195×82.5×47mm	
	Weight	Scanner	210g (battery included)	
		Cradle	150g	
	Notification			Beep, LED indicator
	Power Adapter (optional)			Output: DC5V, 1.5A Input: AC100~240V, 50~60Hz
<b>Environmental</b>	Operating Temperature		-10°C to 50°C (14°F to 122°F)	
	Storage Temperature		-20°C to 60°C (-4°F to 140°F)	
	Humidity		5%~95% (non-condensing)	
	ESD		±8 KV (contact discharge); ±12 KV (air discharge)	
	Drop		1.5m	
	Sealing		IP54	
	<b>Wireless</b>	Communication Modes		Synchronous, asynchronous and batch modes
Radio Technology			2.4 to 2.4835 GHz ISM Band, Zigbee technology	
Communication Distance			≥ 50m	
Data Rate			20-250 KBps	
Battery			2200mAh lithium-ion battery	
Expected Battery Life			>17 hours	
Expected Charge Time			3.5 hours	
Number of Scans			60,000 scans per full charge	
<b>Certifications</b>			FCC Part15 Class B, CE EMC Class B	

\*Specifications are subject to change without notice.\*

Version: V2.0

**Newland China**  
+86-400-608-0591  
marketing@nlscan.com

**Newland Europe**  
+31(0)-345-87-0033  
info@newland-id.com

**Newland Taiwan**  
+886-2-7731-5388  
info@newland-id.com.tw

**Newland North America**  
+1-510-490-3888  
info@newlandna.com

