

# NLS-HR3260-CS

## Cordless 2D Barcode Scanner



The NLS-HR3260-CS cordless 2D barcode scanner, armed with the state-of-the-art barcode decoder chip invented by Newland, provides an ideal solution for most 1D/2D barcode scanning applications.

### Features

- Compact & Ergonomic Design**  
 This device fits comfortably in any user's hands to reduce the fatigue of long-time operation, well suited for scan-intensive applications.
- Cutting-edge Technology**  
 With its core technology (decoder chip) independently developed by Newland, the device delivers a superior decoding capability on 1D and 2D symbologies (including QR Code, Data Matrix, PDF417).

### Depth of Field

Symbology	Barcode Density	Depth of Field (mm)
UPC-A	13mil	60 ~ 230
Code 39	20mil	50 ~ 290
PDF417	6.67mil	60 ~ 140
Data Matrix	10mil	40 ~ 150
QR	20mil	30 ~ 250

## Specifications

### Performance

<b>Image Sensor</b>	752×480 CMOS
<b>Interfaces Supported</b>	RS-232 / USB HID-KBW / USB COM Port Emulation
<b>Symbologies</b>	<b>2D</b> PDF417, QR Code, Data Matrix <b>1D</b> Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey, etc.
<b>Precision</b>	≥ 5mil
<b>Light Source</b>	Red LED 625±10 nm
<b>Light Intensity</b>	300 LUX (130 mm )
<b>Symbol Contrast</b>	≥ 25%
<b>Scan Angle**</b>	Roll: 360°; Pitch: ±55°; Skew: ±55°
<b>Field of View</b>	Horizontal 42°; Vertical 27.5°

### Physical

<b>Dimensions of Scanner(L x W x H)</b>	113.5×73.0×159.0 mm
<b>Dimensions of Cradle(L x W x H)</b>	195×82.5×47 mm
<b>Weight of Scanner</b>	252 g
<b>Weight of Cradle</b>	150 g

### Environmental

<b>Operating Temperature</b>	-20°C to +50°C
<b>Storage Temperature</b>	-20°C to +70°C
<b>Humidity</b>	5% to 93% (non-condensing)
<b>ESD</b>	Scanner: ± 8 KV (contact discharge); ± 15 KV (air discharge) Cradle: ± 6 KV (contact discharge); ± 8 KV (air discharge)
<b>Ambient Light</b>	0 ~ 100,000 LUX (natural light)

### Wireless

<b>Communication Mode</b>	Synchronous, Asynchronous and Batch modes
<b>Radio Technology</b>	2.4 to 2.4835 GHz ISM Band, Zigbee technology
<b>Communication Range</b>	50 m
<b>Battery</b>	2200 mAh Li-ion Battery
<b>Expected Charging Time</b>	4.5 hours for full charge
<b>Number of Scans</b>	15000 scans per charge (30 scans per minute, wireless transmission)

### Certifications

FCC Part15 Class B, CE EMC Class B

### Accessories

<b>Cable</b>	<b>RS-232 Cable</b> Used to connect the cradle to a host device. <b>USB Cable</b> Used to connect the cradle to a host device.
<b>Power Adaptor</b>	Used to provide power to the cradle. Output: DC5V, 1.5A; Input: AC100~240V, 50~60Hz

#### \*\*Test conditions:

Code 39, 3 Bytes; Resolution=10mil; W:N=2.5:1; PCS=0.8; Barcode Height=40mm; Scan Distance=210mm, T=23°C, Illumination= 200 LUX

## Contact Us

<b>Newland China</b> +86-400-608-0591 marketing@nlscan.com	<b>Newland Europe</b> +31(0)-345-87-0033 info@newland-id.com	<b>Newland Taiwan</b> +886-2-7731-5388 info@newland-id.com.tw	<b>Newland North America</b> +1-510-490-3888 info@newlandna.com
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