

# NLS-HR32 Series

NLS-HR3250-XX

Corded 2D Barcode Scanner



NLS-HR32 Series corded 2D barcode scanners are capable of reading common 1D and 2D barcodes. Characterized by RS-232/USB compatible data port, rugged design and cost effective performance, the HR32s are ideally suited for various applications such as supermarkets, department stores/shopping malls and warehouses.

## Features

- **Comprehensive data capture**  
Common 1D and 2D barcodes.
- **Compact & Ergonomical design**  
Fits comfortably in any user's hands to reduce the fatigue of long-time operation, ideally suited for scan-intensive applications.
- **Data interface**  
Supports RS-232/USB interfaces.

## Depth of Field

Barcode Density	Symbology	HR3250-SX (mm)
5mil	Code 39	45 ~ 210
13mil	UPCA	55 ~ 295
20mil	Code 39	45 ~ 365
6.67 mil	PDF417	30 ~ 160
10mil	Datamatrix	15 ~ 170
20mil	QR	15 ~ 265
30 mil	QR	25 ~ 340

## Specifications

### Performance

<b>Image Sensor</b>	CMOS
<b>Pixels</b>	752×480
<b>Symbologies</b>	2D PDF417, QR Code(Model 1/2), DataMatrix(ECC200, ECC000, 050, 080, 100, 140), Aztec, Maxicode, etc.
	1D Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code 93, UCC/EAN-128, GS1 Databar, etc.
<b>Reading Precision</b>	≥ 5 mil
<b>Scan Angle**</b>	<b>Pitch</b> ±60° @ 0°Roll and 0° Skew
	<b>Roll</b> 360° @ 0°Pitch and 0° Skew
	<b>Yaw</b> ±55° @ 0°Roll and 0° Pitch
<b>Minimum Symbol Contrast</b>	25%
<b>Interface</b>	RS-232, USB

### Mechanical

<b>Dimensions (L x W x H)</b>	113.5×73×159 mm
<b>Weight</b>	160g
<b>Indication</b>	Beep and LED
<b>Power Adaptor</b>	Output: DC5V, 1.5A    Input: AC100 ~ 240V, 50~60Hz
<b>Current</b>	<b>Working Current</b> 330mA (Max)
	<b>Sleep Current</b> 65mA

### Environmental

<b>Operating Temperature</b>	-20°C ~50°C (-4°F ~ 122°F )
<b>Storage Temperature</b>	-20°C ~ 70°C (-4°F ~ 158°F )
<b>Humidity</b>	5% ~ 95% (non-condensing)
<b>ESD</b>	±8 KV contact discharge; ±15 KV air discharge
<b>Drop</b>	1.5m drops to concrete
<b>IP Seal</b>	IP4x

### Certifications

FCC Part15 Class B, CE EMC Class B

\*\*Test conditions: Code 39, 3 Bytes; Narrow Space=10 mil; Width: Narrow=3:1; PCS=0.8 ;    Barcode Height=11 mm; Scan Distance=120 mm;  
Ambient Temperature=23°C;    Illumination= 200 LUX

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

V1.0.0

