

NLS-HR32

Hand-held Barcode Scanner

(NLS-HR3260-SX)



The NLS-HR3260-SX hand-held barcode scanners, armed with the state-of-the-art barcode decoder chip invented by Newland, provide 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 an unprecedented 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

Note: The NLS-HR3260-S0 is equipped with USB interface, whereas the NLS-HR3260-S8 is equipped with RS-232 interface.

Specifications

Performance

Image Sensor	752x480 CMOS
Interfaces Supported	RS-232 / USB HID-KBW / USB COM Port Emulation
Symbologies	2D PDF417, QR Code, Data Matrix 1D Code128, 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.
Precision	≥ 5mil
Light Source	Red LED 625±10 nm
Light Intensity	300LUX (130mm)
Symbol Contrast	≥ 25%
Scan Angle**	Roll: 360°; Pitch: ±55°; Skew: ±55°
Field of View	Horizontal 42°; Vertical 27.5°

Mechanical/Electrical

Maximum Power Consumption	1.35W
Operating Voltage	DC 5V
Current	Operating Current 240 ~ 270mA Standby Current 20mA
Weight	252g
Dimensions (L x W x H)	113.5×73.0×159.0mm

Environmental

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

Certifications

FCC Part15 Class B, CE EMC Class B

Accessories

Cable	RS-232 Cable	RS-232 cable is provided for the NLS-HR3260-S8. It is equipped with a power connector and used to connect the scanner to a host device.
	USB Cable	USB cable is provided for the NLS-HR3260-S0. It is used to connect the scanner to a host device.
Stand		The scanner can be mounted on the stand for hands-free scanning.
Power Adaptor		The power adaptor is an optional item and can be used to provide power for the NLS-HR3260-S8. Output: DC5V,1.5A; Input: AC100~240V, 50~60Hz.

**Test conditions:

Code 39; 3 Bytes; Resolution=10mil; W:N=3:1; PCS=0.8; Barcode Height=11mm; Scan Distance=120mm; T=23°C; Illumination=300lux.

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