

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 & Ergonomical 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

Image Sensor	752×480 CMOS
Interfaces Supported	RS-232 / USB HID-KBW / USB COM Port Emulation
Symbologies	2D PDF417, QR Code, Data Matrix 1D 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.
Precision	≥ 5mil
Light Source	Red LED 625±10 nm
Light Intensity	300 LUX (130 mm)
Symbol Contrast	≥ 25%
Scan Angle**	Roll: 360°; Pitch: ±55°; Skew: ±55°
Field of View	Horizontal 42°; Vertical 27.5°

Physical

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

Environmental

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

Wireless

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

Certifications

FCC Part15 Class B, CE EMC Class B

Accessories

Cable	RS-232 Cable Used to connect the cradle to a host device. USB Cable Used to connect the cradle to a host device.
Power Adaptor	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

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