

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

Image Sensor	CMOS
Pixels	752x480
Symbologies	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.
Reading Precision	≥ 5 mil
Scan Angle**	Pitch ±60° @ 0°Roll and 0° Skew Roll 360° @ 0°Pitch and 0° Skew Yaw ±55° @ 0°Roll and 0° Pitch
Minimum Symbol Contrast	25%
Interface	RS-232, USB

Mechanical

Dimensions (L x W x H)	113.5x73x159 mm
Weight	160g
Indication	Beep and LED
Power Adaptor	Output: DC5V, 1.5A Input: AC100 ~ 240V, 50~60Hz
Current	Working Current 330mA (Max) Sleep Current 65mA

Environmental

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