

NLS-HR1050-70

Hand-held Barcode Scanner



The NLS-HR1050-70 hand-held barcode scanner is able to read 1D symbologies and supports RS-232 and USB interfaces. Delivering superior performance and outstanding durability at an affordable price, this lightweight scanner provides an ideal solution for supermarkets, shopping malls, warehouses and other environments.

Features

- **Sophisticated Technology**

Its core technology **UIMG[®]**, solely developed by Newland, comprises optical system, digitizer, decoder, image processor, embedded system, etc. The device demonstrates an unprecedented decoding capability on 1D symbologies. Users can create their own apps with our development tools to identify particular images and symbols.

Depth of Field

Symbology	Barcode Density	Depth of Field (mm)
Code 39	10mil	35-300
Code 39	13mil	35-410
Code 128	10mil	35-350
Code 128	13mil	35-400
EAN-13	10mil	45-420
EAN-13	13mil	50-500

HR1050-70 Specifications

Performance

Light Source	620 nm LED						
Symbologies	Code 128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISSN, ISBN, UPC-E, UPC-A, Interleaved 2 of 5, ITF-6, ITF-14, Deutsche 14, Deutsche 12, Matrix 2 of 5, Industrial 25, Code 39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, GS1-RSS14, GS1-RSSLimited, GS1-RSSEExpand, etc.						
Precision	≥5mil						
Scan Angle**	<table><tr><td>Pitch</td><td>±60°@ 0°Roll and 0°Skew</td></tr><tr><td>Roll</td><td>±30°@ 0°Pitch and 0°Skew</td></tr><tr><td>Skew</td><td>±60°@ 0°Roll and 0°Pitch</td></tr></table>	Pitch	±60°@ 0°Roll and 0°Skew	Roll	±30°@ 0°Pitch and 0°Skew	Skew	±60°@ 0°Roll and 0°Pitch
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Skew	±60°@ 0°Roll and 0°Pitch						
Minimum Symbol Contrast	30%						
Scan Rate	300 scans per second						
Interface	RS-232, USB						

Mechanical/Electrical

Dimensions (L x W x H)	156.0 x 95.0 x 71.0 mm				
Weight	105g				
Notification	Beep and LED indicator				
Power Adaptor(optional)	Output: DC5V, 1.5A Input: AC100~240V, 50~60Hz				
Current	<table><tr><td>Operating Current</td><td>100mA</td></tr><tr><td>Standby Current</td><td>20mA</td></tr></table>	Operating Current	100mA	Standby Current	20mA
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Standby Current	20mA				

Environmental

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	0% to 95% (non-condensing)
Static Discharge	±8KV (contact discharge); ±15KV (air discharge)
Drop	1.5m drops to concrete
Sealing	IP54

Certifications

FCC Part15 Class B, CE EMC Class B

**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

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