

NLS-HR100L-76

Handheld Laser Imager Barcode Scanner



The NLS-HR100L-76 is a hybrid Laser and Linear Imager scanner with a revolutionary engine with no moving parts, offering the benefits of both linear imager and laser technologies in the same device. Ideal for applications such as: retail, office, logistics, banking, and health.

Features

- Sophisticated Technology**
 Armed with Newland's **UIMG**® technology, the NLS-HR100L-76 demonstrates unparalleled reading performance with superb motion tolerance.
- Swift and Precise Scanning**
 A laser imager is built into the device to enable rapid and accurate capture of even poor quality barcodes.
- Rugged Structure Design**
 The rugged design and engine with no moving parts, provide the durability needed in all scanning applications.

Depth of Field

Symbology	Barcode Density	Depth of Field (mm)
Code 39	10mil	30-300
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

Specifications

Performance

Light Source	650 nm visible bidirectional laser diode +/- 50nm
Symbologies	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, Full ASII, Trioptic, etc.
Precision	≥ 3mil
Scan Angle**	Pitch ±55° @ 0° Roll and 0° Skew Roll ±25° @ 0° Pitch and 0° Skew Skew ±65° @ 0° Roll and 0° Pitch
Symbol Contrast	≥ 10%
Scan Rate	300 scans per second
Interface	RS-232, USB, Keyboard, Compatible MetroPOS (COMPATIBLE DRIVER).
Field Width	Between 25mm and 400mm, depending on the density of the bar code.
Cable and Operations System	Cable 1,8m - 3,0m, compatible with all operation system.
Depth of Scan Field	Between 0mm and 630mm, depending on the density of the bar code (including codes 10mils and 13mils).
Illumination	0 ~ 100,000 LUX

Mechanical/Electrical

Dimensions (L x W x H)	156.0 * 95.0 * 71.0 mm
Weight	105 g
Notification	Beep (12 tones or silent) and LED indicator (Red and Green)
Power Adaptor	Output: DC5V, 1.5A Input: AC100~240V, 50~60Hz
Current	Maximum Current 150mA Operating Current 120mA Standby Current 45mA
Power Consumption	Operation:0,75W Standby: 0,55W

Environmental

Operating Temperature	-20°C to 60°C
Storage Temperature	-40°C to 85°C
Humidity	0 ~ 95% (non-condensing)
Static Discharge	± 4 kV (Contact discharge); ± 8 kV (Air discharge)
Drop and Sealing	1.5m drop to concrete, IP 42
MTBF	100,000 (one hundred thousand) hours

Certifications

FCC Part15 Class B, CE EMC/EMI Class B

Safety

IEC/EN 60825-1 Safety of laser products, Class 1, CDRH Class II, IEC 60950/FCC Class B

Contact Us

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