

NLV-1001

Unattended Scanner

An ultra compact fixed-position bar code reader with a high performance 100 scans per second laser engine and built-in decoder. Extremely light-weight and very compact, the NLV-1001 is suitable for a wide range of unattended scanning applications.



Product Features

Compact Fixed Position Scanner.

Ultra compact design with a width of 3cm and a weight of only 60 grams. Perfect for space-limited applications.

Easy to Set Up

The housing is designed with the screw holes on the side surface and bottom surface to set the scanner in various situations. Configuration is possible using bar coded instructions. Serial versions can also be configured via command strings.

Analog LSI with High S/N Ratio

Improved in long-distance performance by utilizing an Analog LSI with high S/N ratio (40% up on the LMD-1135 on a narrow bar width size of 1.0mm).

Variable Parameter Decoder

Upgraded reading performance for labels with low printing quality* by adopting a variable parameter decoder.

High Performance Laser Scan Engine with a Built-in Decoder and 4 available output interfaces

A Featuring our newest high performance laser scan engine and decoder, the NLV-1001 benefits further from the availability of USB (HID) USB (VCP), RS232 and Wedge versions interface versions.

*NLV-1001 succeeded in scanning over 1,500 bar codes with different quality issues and passed our performance tests.

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NLV-1001 Specifications

Electric and Interface Specifications

Power Supply Voltage	DC 5.0V +/- 10%
Interface	RS232C, USB (HID/VCP)

Optical Specifications

Light Source	Red laser diode 660 nm
Scan Rate	100 scans/sec

Supported Linear (1D) Symbologies

EAN, JAN, UPC-A, UPC-E, Industrial 2of5,
IATA, Interleaved 2of5, NW-7(CODABAR), Code-39,
Code-93, Code-128, MSI/Plessey,

Environmental Specifications

Operating Temperature	-10 - 40 degrees C 14 - 104 F
Storage Temperature	-20 - 60 degrees C - 4 - 140 F
Operating Humidity	20 - 80% RH (Non condensing)
Storage Humidity	20 - 90% RH (Non condensing)
Ambient Light Immunity	Fluorescent light: 3,000 lx max. Sun Light: 50,000 lx max.
Antistatic Electricity	10 kV (non destructive)
Shock Drop Test	0.75 m (Drop onto concrete surface)

Physical Specifications

Weight	60 g 0.13 pounds
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Dimensions

30(W) x 44(L) x 20(H) mm
1.18(W) x 1.73(L) x 0.78(H) inches

Accessories (Sold Separately)

AC adapter for RS232C
Dedicated stand

* This product is compliant with RoHS.

All figures and values stated herein are measured with our original standards. Please refer to specifications for guaranteed values.
All statements, figures and values stated herein are subject to change without prior notification.