

# NLV-2101

## Concept

NLV-2101 is a full-scale built-in 1D and 2D symbology scanner with a die-cast case.



## Product Features

### Enhanced Water Resistant and Dust-proof Features to Satisfy IP-67 Requirements

Adopted a die-cast case and realized outstanding water resistant and dust-proof features.

### High-performance 2D scanning Engine

Realized smooth scanning of 1D symbologies (JAN, EAN, Code-39, EAN128 etc...) and 2D symbologies (QR, PDF 417, Data Matrix etc...) by adopting a newly developed scan engine.

### Various Interfaces

Four interfaces: RS232C, Keyboard Wedge, USB (HID) and USB (VCP) are supported.

Contact US



CABLED

WIRELESS

STATIONARY

OEM

**OPTICON**  
always scanning for new ID's

# NLV-2101 Specifications



## Electric and Interface Specifications

Power Supply Voltage	DC 5.0 V +/- 5 %
Interface	RS232C,USB(HID/VCP),Keyboard Wedge

## Optical Specifications

Light Source	4 red LEDs (630 nm)
Target Indicator	2 green LEDs (527 nm)
Reading Method	CMOS area sensor
View Angle	Horizontal: 47, Vertical: 37.5 (deg.)

## Supported Linear (1D) Symbologies

EAN, JAN, UPC-A, UPC-E, Industrial 2 of 5, IATA, Interleaved 2 of 5, NW-7 (CODABAR), Code-39, Code-93, Code-128, MSI/Plessey, RSS Code
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## Supported 2D Symbologies

PDF417, Micro PDF417, QR Code, Micro QR Data Matrix (ECC 0-140/ECC200), Maxi Code (mode 0-5) Aztec Code, Composite Code
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## Environmental Specifications

Operating Temperature	0 - 45 degrees C 32 - 113 F
Storage Temperature	-20 - 60 degrees C - 4 - 140 F
Operating Humidity	20 - 85 % RH (non condensing)
Storage Humidity	20 - 90 % RH (non condensing)
Ambient Light Immunity	Fluorescent Lig 10,000 lx max. Sunlight ##### lx max.
Antistatic Electricity	15 kV
Shock Drop Test	0.75 m
Dust- and Drip-Proof	IP-67

## Physical Specifications

Weight	120 g (Excluding the weight of a cable.) 0.26 pounds
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## Dimensions

L type	46(W) x 25(L) x 58(H) mm 1.81(W) x 0.98(L) x 2.28(H) inches
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\* This product is compliant with RoHS.

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