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NLV-4001 fixed 1D CCD bar code scanner, USB

The NLV-4001 is the smallest fix position scanner in the NLV-series and scans at a fast speed of 300 scans per second. This fixed position scanner is developed for the most demanding applications requiring a device capable of reading 1D barcodes

The NLV-4001 is our latest development in the NLV series. This small 1D CCD scanner is easily integrated and scans at a fast speed. The fix position scanner is perfect for the most demanding applications and the scanner is also very resistant with an IP65 rating.



This fixed mount scanner is ideal in situations that require 1D scanning at a fast speed. Our existing customers use this scanner in retail P.O.S., self service solutions like a kiosk, parking lot ticket machines and in medical or pharmaceutical analysis machines.

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Offered with the choice of USBCOM or Serial interface, this scanner is flexible enough to suit most OEM/ODM applications.

Features

- 300 scans per second
- Smallest in the NLV-series
- USBCOM or Serial interface
- Rugged; IP65



Technical Description

Functionality & Operation

Operation interface	scan button
1D Barcode Symbolologies	All standard one-dimension barcodes
Configuration	internet guide, by programming barcodes
Communication interface	USB
Indicators	1 LED (red/green/orange), buzzer

Optical

Scanning rate	300scan/s
Light source	visible red LED 625nm

Electrical

Power Source	+5V $\pm$ 10%
Power Consumption - Operation	180mA
Power Consumption - Standby	50mA

Mechanical

Color	black
Body housing	ABS plastic
Weight	50g
Dimensions	Width: 33mm, Height: 24mm Length: 41mm

Environment

Ingress protection	IP65
Shock resistance	drop from 0,75 m onto concrete surface
Electrical static discharge	$\pm$ 8kV contact
Maximal ambient light	10000lux
Operating temperature	-5 to 50°C
Storage temperature	-20 to 60°C
Operating humidity (non-condensing)	10 to 90%
Storage humidity (non-condensing)	10 to 95%

Others

Warranty	1 year
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CODEWARE, s.r.o.
Jaromírova 484/37
120 00 Praha 2 - Nusle
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444
codeware@codeware.cz
<https://www.codeware.cz/>

