




## Description

 **NOTIFICATION DISCONTINUED** | Alternatives can be found under the 'Related products' tab, or contact us for assistance.

The information below is for reference purposes only.

Helaas is de NLB1000 niet meer leverbaar.

**We hebben de volgende alternatieven voor u beschikbaar:**

- Alternatieven uit dezelfde categorie: Scanners - stationair
- U kunt ook gebruik maken van onze \* **SERVICES** | uitleg |

De onderstaande gegevens zijn ter referentie:

 1D barcode  RS232  IP54

Model : **Opticon NLB-1000 RS232 No Connector (12062)**

Groep : *Stationary scanners Fixed Mount - With 1D Laser scan engine, IP54*

Datasheet: Opticon NLB1000

Opticon NLB1000 is a reliable and high-speed fixed-position barcode scanner that uses Opticon's proprietary scan engine technology making 1000 scans per second.

**Project item alleen te bestellen per 100 stuks.**

## Product Features

### Fixed-Position Design

Just about 3.5 cm (nearly 1.4 in) wide, the compact design of the Opticon NLB1000 allows for integration into small spaces.

### Plug and Scan Installation

The Opticon NLB1000 comes with mounting holes located on the sides and bottom of the compact housing to maximize mounting options and several interfaces that provide for fast integration.

### High Performance Laser Engine

The advanced laser scan engine used in the Opticon NLB1000 offers reliable and improved scanning of all 1D codes at 1000 scans per second.

### Integrated Auto Triggering

In addition to the standard software and manual trigger options, the Opticon NLB1000 integrates an Auto Trigger that automatically initiates scanning of codes all in a compact form factor.

## Specifications

- Opticon NLB-1000 Fixed Position Laser Barcode Scanner
- Article number 12062 Opticon NLB-1000 RS232 No Connector (**Project item**)

## Electrical specifications

- Voltage requirement: 5 V ± 10%
- Current consumption: max. 500 mA

### Optical specifications

- Light source: 650 nm visible laser diode
- Scan method: polygon mirror
- Scan rate: 1000 scans/sec
- Reading pitch angle: -30 to 0°, 0 to +30°
- Reading skew angle: -60 to -7°, +9 to +60°
- Reading tilt angle: -25 to 0°, 0 to +25°
- Curvature: R>15 mm (EAN8), R>20 mm (EAN13)
- Reading width: depending on reading distance and barcode label resolution
- Min. resolution at PCS 0.9: 0.15 mm / 6 mil
- Min. PCS value: 0.45
- Depth of field: at PCS 0.9, Code 39
- 70 - 330 mm / 2.76 - 12.99 in (res. 1.0 mm / 39 mil),
- 60 - 270 mm / 2.36 - 10.36 in (res. 0.5 mm / 20 mil),
- 60 - 200 mm / 2.36 - 7.87 in (res. 0.25 mm / 10 mil),
- 70 - 140 mm / 2.76 - 5.51 in (res. 0.15 mm / mil)

### Communication specifications

- Available interfaces: RS232C

### Identification

- Supported 1D barcode Symbologies: JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, MSI/Plessey-UK/Plessey, S-Code, Telepen, Tri-Optic
- Supported 2D barcode Symbologies: MicroPDF417, PDF417

### Environmental specifications

- Temperature in operation: 0 to 45 °C / 32 to 113 °F
- Temperature in storage: -20 to 65 °C / -4 to 149 °F
- Humidity in operation: 5 - 90 % (non-condensing)
- Humidity in storage: 5 - 90 % (non-condensing)
- Ambient fluorescent light rejection: 4,000 lx max.
- Ambient direct sun light rejection: 80,000 lx max.
- Ambient incandescent light rejection: 4,000 lx max.
- Antistatic electricity: 15 kV (non-destructive)
- Shock drop test: 0.75 m / 2.5 ft drop onto concrete surface
- Protection (dust and moisture, IEC529): IP 54

### Physical specifications

- Dimensions: 29 x 34 x 17 mm / 1.14 x 1.34 x 0.67 in
- Weight body: Ca. 30 g / 1.06 oz (excl. cable)

### Regulatory

- Laser safety class: JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II
- Product compliance: CE, FCC, VCCI, RoHS

### Warranty

- 2 year Manufacturer warranty / Fabrieks garantie

### Downloads

### Accessories

Sold separately.

- Power supply 5,0V/2,2A (Only for RS232) **Article number :11052**
- Universal Menubook **Article number : 10961**

### Conditions

- To be determined: Ordering quantity