

OPTICON

Stationary Scanners

OPM5145

Omnidirectional laser scanner

RS232

Keyboard Wedge

 USB (HID/VCP)

+ Related products



OPV1001

- Stationary device
- Omnidirectional laser scanner
- RS232, Keyboard Wedge, USB (HID/VCP)
- ABS, with Auto-trigger stand



OPM2000

- Stationary device
- Omnidirectional laser scanner
- RS232, Keyboard Wedge, USB (HID)
- ABS



NLB1000

- Stationary device
- Barcode laser scanner
- RS232, USB (VCP)
- IP 54, Metal diecast, 1000 scans/sec



Operating indicators

- Visual: 1 LED (red/green/orange)
- Non-visual: Buzzer

Communication

- RS232: DB9 PTF connector with external power supply
- Keyboard Wedge: MiniDIN6 connector with external power supply
- USB: Ver. 1.1, HID/VCP, USB-A connector

Power

- Voltage requirement: 5 V $\pm$ 5%
- Current consumption: Up to 500 mA

Barcode scanner Optics

- Light source: 650 nm visible laser diode
- Scan rate: 1000 scans/sec
- Trigger mode: Manual, multiple read, auto-trigger, serial software trigger
- Reading pitch angle: -35 to 0°, 0 to +35°
- Reading skew angle: -50 to -8°, +8 to +50°
- Reading tilt angle: 360°
- Curvature: R>20 mm (EAN8), R>25 mm (EAN13)
- Min. resolution at PCS 0.9: 0.127 mm / 5 mil
- Min. PCS value: 0.45
- Depth of field: At PCS 0.9, Code 39
70 - 230 mm / 2.76 - 9.06 in (0.66 mm / 26 mil),
15 - 200 mm / 0.59 - 7.87 in (0.33 mm / 13 mil),
15 - 110 mm / 0.59 - 4.33 in (0.2 mm / 8 mil),
15 - 50 mm / 0.59 - 1.97 in (0.127 mm / 5 mil)

Supported Symbolologies

- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, GS1-128 (EAN-128), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic
- Postal code: Chinese Post

Durability

- Temperature in operation: -5 to 40 °C / 23 to 104 °F (5 to 40 °C / 41 to 104 °F USB interface)
- Temperature in storage: -30 to 60 °C / -22 to 140 °F
- Humidity in operation: 20 - 90 % (non-condensing)
- Humidity in storage: 20 - 90 % (non-condensing)
- Ambient light immunity: White 3,000 lx max, Fluorescent 3,000 lx max, Direct sun 20,000 lx max
- Antistatic electricity: 15kV (non-destructive)
- Drop test: 0.75 m / 2.5 ft drop onto concrete surface

Physical

- Dimensions (w x h x d):
76 x 96 x 85 mm / 2.99 x 3.78 x 3.35 in
- Weight body: Ca. 450 g / 15.9 oz (excl. cable)
- Case: Zinc diecast, Grey

Regulatory & Safety

- Product compliance: CE, FCC, VCCI, RoHS, JIS-C-6802 Class 1, IEC 60825-1 Class 1, FDA CDRH Class I

Sold separately

- Power supply 5V/2A (for RS232 and Keyboard Wedge)

Models

- Interface versions: RS232, Keyboard Wedge, USB

Conditions

- To be determined: Ordering quantity

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Opticon Sensors Europe B.V.
European headquarters
Opaallaan 35
2132 XV Hoofddorp
The Netherlands
phone: +31 (0)23-5692700
fax: +31 (0)23-5638266
email: sales@opticon.com
internet: www.opticon.com

OPTICON
WWW.OPTICON.COM