

OPTICON

Stationary Scanners

OPV1001

Omnidirectional laser scanner

RS232

Keyboard Wedge

USB (HID/VCP)

+ Related products

OPM2000

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

NLV1001

- Stationary device
- Barcode laser scanner
- RS232, Keyboard Wedge, USB (HID/VCP)
- IP 43, ABS

NLV2101

- Stationary device
- 2D CMOS imager
- RS232, USB (HID/VCP)
- IP 67, Metal



Operating indicators

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

Communication

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

Power

- Voltage requirement: 5V $\pm$ 5%
- Current consumption: Max. 500mA

Barcode scanner Optics

- Light source: 650 nm visible laser diode
- Scan rate: 1000 scans/sec
- Trigger mode: Manual, multiple read, 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
- Field of view: Horizontal 22°, Vertical 12°
- Depth of field: At PCS 0.9, Code 39
10 - 360 mm / 0.39 - 14.17 in (0.66 mm / 26 mil),
10 - 200 mm / 0.39 - 7.87 in (0.33 mm / 13 mil),
10 - 90 mm / 0.39 - 3.54 in (0.2 mm / 8 mil),
20 - 60 mm / 0.79 - 2.36 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, UK/Plessey
- Postal code: Chinese Post

Durability

- Temperature in operation: 0 to 40 °C / -32 to 104 °F
- 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: Fluorescent 3,000 lx max, Direct sun 20,000 lx max, Incandescent 3,000 lx max
- Drop test: 1 m / 3 ft drop onto concrete surface
- Vibration test: 10 - 100 Hz with 2 G for 1 hour

Physical

- Dimensions (w x h x d):
71 x 100 x 79.4 mm / 2.80 x 3.94 x 3.13 in
- Dimensions stand (w x h x d):
112 x 92 x 100 mm / 4.41 x 3.62 x 3.94 in (excl. scanner)
- Weight body: Ca. 200 g / 7.1 oz (excl. cable)
- Weight stand: Ca. 340 g / 12.0 oz
- Case: ABS, Black

Regulatory & Safety

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

Enclosed items

- Power supply 100-240V/0.5A, 50/60 Hz, 5V/2A (for RS232 and Keyboard Wedge)

Sold separately

- Power cord

Models

- Interface versions: RS232, Keyboard Wedge, USB

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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

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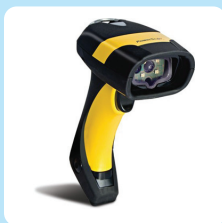


**All Brands
Technical Service**

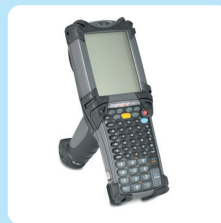
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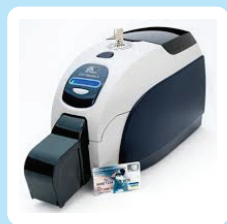
Label printers



Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)