

OPM2000

Omnidirectional laser scanner

RS232

Keyboard Wedge

 USB (HID)

+ Related products



OPV1001

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



M5

- Stationary device
- 2D CMOS imager
- RS232, Keyboard Wedge, USB (HID/VCP)
- IP 52, ABS, up to 50 fps



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: MiniDIN 5/6 F/M connector with external power supply
- USB: Ver. 1.1, HID, USB-A connector with external power supply

Power

- Voltage requirement: 5V \pm 5%

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: -50 to 0°, 0 to +50°
- Reading skew angle: -60 to -8°, +8 to +60°
- Reading tilt angle: 360°
- Curvature: R>15 mm (EAN8), R>20 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, EAN13
10 - 260 mm / 0.39 - 10.24 in (0.33 mm / 13 mil),
10 - 210 mm / 0.39 - 8.27 in (0.26 mm / 10 mil)

Supported Symbolologies

- Barcode (1D): JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, GS1-128 (EAN-128), IATA, Industrial 2of5, Interleaved 2of5, 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 (5 to 40 °C / 41 to 104 °F USB interface)
- Temperature in storage: -20 to 60 °C / -4 to 140 °F
- Humidity in operation: 20 - 85% (non-condensing)
- Humidity in storage: 20 - 90% (non-condensing)
- Ambient light immunity: Fluorescent 3,000 lx max, Direct sun 70,000 lx max
- Antistatic electricity: 15kV (non-destructive)
- Drop test: 1.5 m / 5 ft drop onto concrete surface
- Vibration test: 10 - 100 Hz with 2G for 3 hours
- Protection rate: IP 54

Physical

- Dimensions (w x h x d):
104 x 164 x 115 mm / 4.09 x 6.45 x 4.52 in
- Weight body: Ca. 480 g / 1 lb 0.9 oz (excl. cable)
- Case: ABS, Black or White

Regulatory & Safety

- Product compliance: FCC, CE, IEC 825, Class I laser product

Enclosed items

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

Sold separately

- Power cord

Models

- Interface versions: RS232, Keyboard Wedge, USB

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- **The Netherlands:** Hoofddorp
- **France:** Issy Les Moulineaux
- **Germany:** Dietzenbach
- **Italy:** Villanova di Castenaso (BO)
- **Sweden:** Järfälla
- **United Kingdom:** Luton, Bedfordshire
- **U.S.A.:** Renton, WA
- **Brazil:** São Paulo
- **Japan:** Warabi City
- **Taiwan:** Taipei
- **P.R.China:** Shanghai
- **Australia:** West Ryde

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