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.

1D barcode USB HID-only IP54

Opticon OPM2000 series belongs to the Opticon family of omnidirectional barcode laser scanners. With extremely aggressive reading performance and a built-in stand capable of 60 degree skew angles.

Product Features

IP 54 protection
The Opticon OPM2000 is highly resistant to dust and moisture

Flexiblity for Skew angle until +/- 60 degrees
Supports reading various sized objects

Scan pattern of several lines
Instant bar code detection

Specifications

- Opticon OPM-2000 Omnidirectional laser scanner
- Article number: 11274 Opticon OPM-2000-Black-USB incl stand and power supply

Electrical specifications

- Voltage requirement: 5 V ± 5%

Optical specifications

- Light source: 650 nm visible laser diode
- Scan rate: 1000 scans/sec
- Reading pitch angle: -50 to 0°, 0 to +50º
- Reading skew angle: -60 to -8°, +8 to +60°
- Reading rotation angle:360°
- Curvature: R>15 mm (EAN13)
- Min. resolution at PCS 0.9: 0.127 mm / 5 mil
- Min. PCS value: 0.45
- Depth of field (view drawing)
- Depth of field: at PCS 0.9, EAN13
- 10 - 260 mm / 0.39 - 10.24 in (res. 0.33 mm / 13 mil),
- 10 - 210 mm / 0.39 - 8.27 in (res. 0.26 mm / 10 mil)

Communication specifications

- Available interfaces: USB(HID keyboard)

Identification

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

Environmental specifications

- Temperature in operation: 0 to 40 ºC / 32 to 104 ºF (5 to 40 ºC / 41 to 104 ºF USB interface)
- Temperature in storage: -20 to 60 ºC / -4 to 140 ºF
- Humidity in operation: 20 - 85 % (non-condensing)
- Humidity in storage: 20 - 90 % (non-condensing)
- Ambient fluorescent light rejection: 3,000 lx max
- Ambient direct sun light rejection: 70,000 lx max
- Antistatic electricity: 15kV (non destructive)
- Shock drop test: 1.5 m / 5 ft drop onto concrete surface
- Shock vibration test: 10 - 100 Hz with 2G for 3 hours
- Protection (dust and moisture,IEC 529): IP54

Physical specifications

- Dimensions: 164 x 104 x 115 mm / 6.45 x 4.09 x 4.52 in (view drawing)
- Weight body: Ca. 480 g / 1 lb 0.9 oz
- Available colors: Black /White
- Connector Keyboard Wedge: MiniDIN F5/M6 with external power
- Connector RS232: DB9 F with external power
- Connector USB: USB-A with external power

Regulatory

- Laser safety class: IEC 825,Class I laser product
- Product compliance: EN55022,EN55024,FCC ClassB, CE

Warranty

- 2 year Manufacturer warranty / Fabrieks garantie

Downloads

- Click to download Universal Menubook (605kb)
- Click to download User's manual compact omnidirectional bar code scanner (298kb)

Enclosed items

- Power supply 5,0V/2,2A **Article number : 11052**
- Stand **Article number : can not be ordered separately**

Accessories
Sold separately

- EU Line power cord **Article number : 10755**
- Universal Menubook **Article number : 10961**