



# 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.



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 +50°
- 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 °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 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