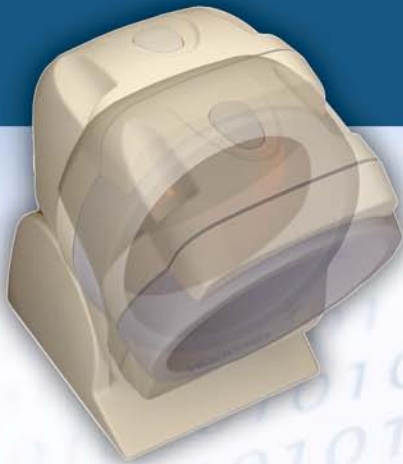


OPM2000 series are omnidimensional laser bar code scanner. The stand parts have a flexibility for skew angle until $\pm 30^\circ$, it support various sized objects. In any situation, logistics, stores, library, hospital, OPM2000 series can afford every customer's request. Light weight and rugged body may allow to use this as a hand held type scanner.

1D LASER Omnidirectional

OPM 2000

Omnidirectional laser scanner



Features

- Omnidirectional scanning
- Scan pattern of several lines
- RS232C, Keyboard wedge, USB interfaces
- IP54 protection
- Nodding head

Benefits

- No bar code orientation
- Instant bar code detection
- Easy connectivity
- Durable housing, secured protection
- Can afford various sized objects

Cabled

Wireless

Stationary

OEM

OPTICON
always scanning for new ID's

OPM 2000 Series Omnidirectional laser scanner

Electrical specifications

Voltage requirement: AC90-264 V
Available Interfaces: RS232C, Keyboard Wedge, USB

Optical specifications

Light source: 650 nm visible laser diode
Scan rate: 1000 scans/sec
Reading pitch angle: -50 - 0°, 0 - +50°
Reading skew angle: -60 - -5°, +5 - +60°
Reading rotation angle: 360°
Curvature: R>20mm (at EAN8), R>25mm (at EAN13)
Min. PCS value: 0.35
Min. Resolution at PCS 0.9: 0.127 mm (binary level code)

Identification

Supported symbologies: Code 39 - NW-7(Codabar) - Industrial 2of5 - IATA-Interleaved 2of5 - Code 93 - Code 128 - MSI-Plessey -WPC(EAN,UPC-A/E, ISBN Japan code, UPC, EAN Add-On code)

Environmental specifications

Temperature in operation: 0 - +45 °C / +32 - +113 F
Temperature in storage: -40 - +60 °C / -40 - +140 F
Humidity in operation: 20 - 80 % (non condensing)
Humidity in storage: 20 - 90 % (non condensing)
Shock drop test: 1.5 m drop onto concrete surface
Protection against dust and moisture, According to IEC529: IP54

Physical specifications

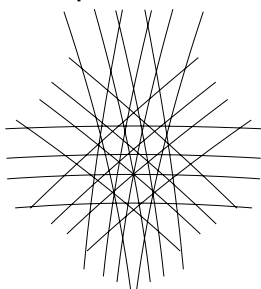
Dimensions (l * w * d): 164 * 104 * 115 mm / 6.45 * 4.09 * 4.52 inches
Weight body: Ca. 495 g / 1.09 pounds
Connector: RS232C DB9 F with external power, Keyboard Wedge Mini DIN 6 F / 5 M with external power, USB

Regulatory

Laser safety class: IEC 825, Class 1 laser product
EMC: EN55022, EN55024

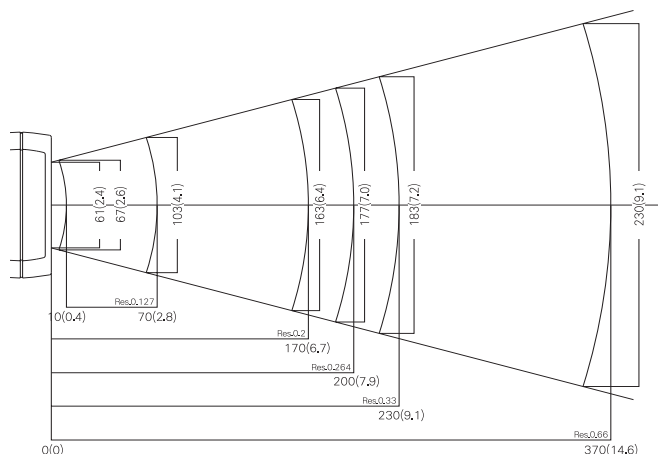
Typical performance on good quality symbols in normal room temperature and light.

Irradiation pattern of laser

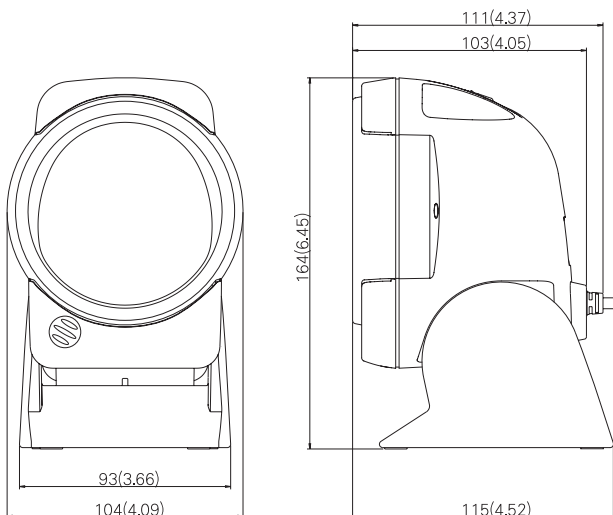
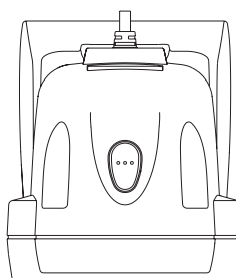


D.O.F. diagram Unit:mm (inches)

The reading width is a calculated value and is for guidance only.



Dimensions Unit:mm (inches)



Accessories Sold Separately

AC adaptor

Opticon Sensors Europe B.V. - The Netherlands
phone: +31 (0)23-5692700
email: sales@opticon.nl
Opticon S.A.S. - France
phone: +33 (0)1-41461260
email: opticon@opticon.fr
Opticon Sensoren GmbH - Germany
phone: +49 (0)6182-9370-0
email: info@osgnet.de
Opticon s.r.l. - Italy
phone: +39 (0)051-6321800
email: opticon@opticonitalia.it

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always scanning for new ID's