

Thanks to the omnidirectional laser pattern the OPM 1736B will read the bar code in any orientation. It can be used with a stand or as hand scanner and has a wide range of application possibilities.

1D LASER Omnidirectional

OPM 1736B

Omnidirectional laser scanner



Features

- Omnidirectional scanning
- Scan pattern of several lines
- Different interfaces available
- Compact size
- Stand included

Benefits

- No bar code orientation
- Instant bar code detection
- Easy connectivity RS232C, Keyboard wedge, USB *
- Minimum space occupation
- Suitable for handheld and hands free use

* It is required the scanner to supply electricity from AC adaptor.

Cabled

Wireless

Stationary

OEM

OPTICON
always scanning for new ID's

Specifications

OPM 1736B 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	-35 - 0°, 0 - 35°
Reading skew angle	-50 - -8°, 8 - 50°
Reading rotation angle	360°
Curvature	R>20mm (at EAN8), R>25mm (at EAN13)
Min. PCS value	0.45
Min. Resolution at PCS 0.9	0.127 mm (binary level code)

Supported symbologies

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

Environmental specifications

Temperature in operation	0 - 40 °C
Temperature in storage	-40 - 60 °C
Humidity in operation	20 - 80 % (non condensing)
Humidity in storage	20 - 90 % (non condensing)
Shock drop test	1 m drop onto concrete surface

Physical specifications

Weight body	Ca. 200 g
Connector	RS232C DB9 F with external power Keyboard Wedge Mini DIN 6 F/5 M with external power USB with external power

Regulatory

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

*The value is the result of being based on the test method of OPTICON.

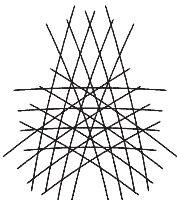
Provided items

User's Manual	
Stand	
Cable	

Accessories *sell separately

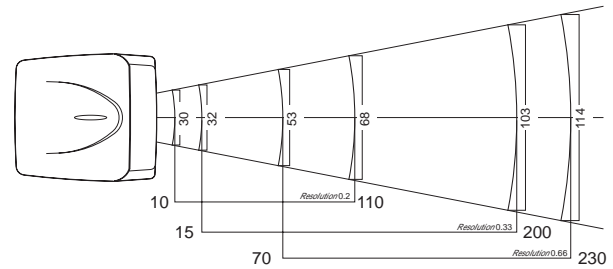
AC adaptor for RS 232C	
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Irradiation pattern of laser



D.O.F. diagram Unit:mm

**The reading width is calculated value. It' for reference, not guarantee for scan.



Dimensions Unit:mm

