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## Description

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### NOTIFICATION DISCONTINUED

Helaas is de OPM-5145 niet meer leverbaar.

We hebben de volgende alternatieven voor u beschikbaar:

- Alternatieven uit dezelfde categorie: [Scanners - stationair](#)
- U kunt ook gebruik maken van onze \* [SERVICES](#) | [uitleg](#) |

De onderstaande gegevens zijn ter referentie

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 1D barcode  USB HID&VCP  wedge  RS232

Model : **Opticon OPM-5145**

Groep : *Stationary scanners Omni - With 1D scan engine*

Datasheet: [Opticon OPM5145](#)

Opticon OPM5145 is equipped with fully configurable power saving options with a low-power mode. The scanner automatically comes alive when it detects a barcode. The omnidirectional laser pattern is designed for tracking barcodes from any direction allowing unattended reading with instant barcode detection and minimum gaps.

**Project item alleen te bestellen per 20 stuks.**

**Mocht u geïnteresseerd zijn, vraag dan een offerte aan.**

### Quick links

- [Enclosed items & Accessories](#)
- [Downloads Manuals & Software](#)

### Product Features

#### High performance omnidirectional laser

The omnidirectional laser pattern of the Opticon OPM5145 is designed for tracking barcodes from any direction allowing unattended reading with instant barcode detection and minimum gaps.

#### Power Savings for Enhanced Value

The Opticon OPM5145 has fully configurable power saving options that allow it to enter a low-power mode while not in use, yet instantly comes alive when it detects a barcode.

#### Powerful Processor for Rapid Decoding

With its unique blend of performance, ergonomics, several ways of use and choice of various communication interfaces, the Opticon OPM5145 is designed to be up and running in a short time for a wide range of applications.

#### Direct connectivity

Several interfaces provide for fast integration easily into computer frameworks.

#### Multiple triggering options

To guide multifunctional use, this Opticon OPM5145 scanner can be triggered by a manual switch up front, has an auto trigger feature, and the serial interfacing can also provide software commands and external host signaling.

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## Specifications

- Opticon OPM-5145 Omnidirectional barcode laser scanner
- Article number: 11940 Opticon OPM-5145 USB (**Project item**)
- Article number: 11941 Opticon OPM-5145 Wedge incl Power supply (**Project item**)
- Article number: 11939 Opticon OPM-5145 RS232 incl Power supply (**Project item**)

## Electrical specifications

- Voltage requirement: 5 V  $\pm$  5%
- Current consumption: up to 500 mA

## Optical specifications

- Light source: 650 nm visible laser diode
- Scan rate: 1000 scans/sec
- Reading pitch angle: -35 to 0°, 0 to +35°
- Reading skew angle: -50 to -8°, +8 to +50°
- Reading tilt angle: 360°
- Curvature: R>20 mm (EAN8), R>25 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, Code 39
- 70 - 230 mm / 2.76 - 9.06 in (res. 0.66 mm / 26 mil),
- 15 - 200 mm / 0.59 - 7.87 in (res. 0.33 mm / 13 mil),
- 15 - 110 mm / 0.59 - 4.33 in (res. 0.2 mm / 8 mil),
- 15 - 50 mm / 0.59 - 1.97 in (res. 0.127 mm / 5 mil)

## Communication specifications

- Interface: Keyboard Wedge, RS232, USB(HID keyboard/VCP serial port)

## Identification

- Supported 1D barcode Symbologies JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic

## Environmental specifications

- Temperature in operation: -5 to 40 °C / 23 to 104 °F
- Temperature in storage: -30 to 60 °C / -22 to 140 °F
- Humidity in operation: 20 - 90 % (non-condensing)
- Humidity in storage: 20 - 90 % (non-condensing)
- Ambient fluorescent light rejection: 3,000 lx max
- Ambient white light rejection: 3,000 lx max
- Ambient direct sun light rejection: 20,000 lx max
- Antistatic electricity: 15 kv (non-destructive)
- Shock drop test: 0.75 m / 2.5 ft drop onto concrete surface

## Physical specifications

- Dimensions: 76 x 85 x 96 mm / 2.99 x 3.35 x 3.78 in
- Weight body: Ca. 450 g / 15.9 oz (excl. cable)
- Connector Keyboard Wedge: MiniDIN6 with external power
- Connector RS232: DB9 F with external power
- Connector USB: USB-A

## Regulatory

- Laser safety class: JIS-C-6802 Class 1, IEC 60825-1 Class 1, FDA CDRH Class I
- Product compliance: CE, FCC, VCCI, RoHS

## 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 (Only for RS232 and Wedge) **Article number : 11052**

**Accessories**

Sold separately.

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