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&VCP USB MAC IP42

REMARK: The BLACK USB model has a NEW stand with metal baseplate and flexible arm!
Opticon OPL-6845Z barcodescanner is available in both black and (off) white, the Opticon OPL-6845Z barcodescanner is the perfect match for all kinds of PC, whilst Wedge, USB or RS232C interfaces guarantee a straightforward interface into both new and legacy systems.

Product Features

Hands-Free Scanning
The Opticon OPL-6845Z barcodescanner Integrated auto-trigger while in complementing stand automatically initiates scanning to allow hands-free
operation.

High Performance Laser Scanner
The Opticon OPL-6845Z barcodescanner High performance laser scanner provides a fast and accurate first time scan and is immediately ready for the next scan even when the barcodes are printed with low contrast or high density.

Durable construction with Modular stand
The stand of the OPL-6845Z barcodescanner is made of the same solid materials as the housing of the scanner. The large base plate provides a stable position and a clear working spot on the desktop. The modular construction of the stand still keeps the package dimensions to limited size.

Plug and Scan
The plug and play ability of the Opticon OPL-6845Z barcodescanner allows the user to quickly connect and operate the scanner, thus
putting its exceptional scanning performance to immediate use.

Specifications

- Opticon OPL-6845Z Laser scanner
- Article number: 12089 Opticon OPL6845Z Black USB incl stand
- Former model OPL-6845R
- Former Article numbers: 11221 / 11207 / 11223 / 11206 / 11222 / 11208

Electrical specifications

- Voltage requirement: 5 V ± 10 % (Keyboard Wedge and USB)
- Current consumption: max. 250 mA

Optical specifications

- Light source: 650 nm visible laser diode
- Scan method: Bi-directional scanning
- Scan rate: 100 scans/sec
- Reading pitch angle: -35 to 0°, 0 to +35°
- Reading skew angle: -50 to -8°, +8 to +50°
- Reading tilt angle: -20 to 0°, 0 to +20°
- Curvature: R>15 mm (EAN8), R>20 mm (EAN13)
- Reading width: depending on reading distance and barcode label resolution
- 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, Code 39
- 40 - 500 mm / 1.57 - 19.69 in (res. 1.0 mm / 39 mil),
- 20 - 350 mm / 0.79 - 13.78 in (res. 0.5 mm / 20 mil),
- 20 - 200 mm / 0.79 - 7.87 in (res. 0.25 mm / 10 mil),
- 20 - 100 mm / 0.79 - 3.94 in (res. 0.15 mm / 6 mil),
- 30 - 70 mm / 1.18 - 2.76 in (res. 0.127 mm / 5 mil)

Communication specifications

- Available interfaces: 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, Korean Postal Authority code, Matrix 2of5, MSI/Plessey-UK/Plessey, RSS, S-Code, Telepen, Tri-Optic, Composite codes
- Supported 1D stacked Symbologies: Composite codes, MicroPDF417, PDF417
- Supported 2D barcode Symbologies: -

Functionality

- Trigger mode: manual, auto-trigger, stand detection

Environmental specifications

- Temperature in operation: -5 to 50 °C / -23 to 122 °F
- Temperature in storage: -20 to 60 °C / -4 to 140 °F
- Humidity in operation: 5 - 95 % (non-condensing)
- Humidity in storage: 5 - 95 % (non-condensing)
- Ambient fluorescent light rejection: 3,000 lx max.
- Ambient direct sun light rejection: 50,000 lx max.
- Ambient incandescent light rejection: 3,000 lx max.
- Shock drop test: 1.5 m / 5 ft drop onto concrete surface
- Shock vibration test: 10 - 100 Hz with 2G for 1 hour
- Protection (dust and moisture, IEC529): IP 42

Physical specifications

- Dimensions: 32 x 57 x 159 mm / 1.26 x 2.24 x 6.26 in
- Case material: ABS antibacteria coated
- Weight body: Ca. 90 g / 3.2 oz
- Available colors: Black/ White
- Connector Keyboard Wedge: MiniDIN6F/M
- Connector RS232: DB9 F with external power
- Connector USB: USB-A

Stand

- Dimensions: ST-62 (w x d): 160 x 190 mm / 6.29 x 7.48 in, (h): 245 mm / 9.64 in (excl. scanner)
- Weight: Ca. 290 g / 10.2 oz
- Purpose: Auto trigger stand
- Available colors: Black/ White

Regulatory

- Laser safety class: JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II
- Product compliance: CE, FCC, VCCI, RoHS

Warranty

- 2 year Manufacturer warranty / Fabrieks garantie

Enclosed items

- Stand Black **Article number : 11108**

Accessories
<u>Sold separately</u>

- Universal Menubook **Article number : 10961**

Features

Properties

Scanner type: Wired

Including: Stand

Physical

Connection(s):   USB-A

Technical details

IP rating: IP42

Scan engine: Laser (1D)

Communication: USB-HID USB-VCP

Barcodes: 1D