

1D LASER

OPL 6845

Laser scanner



Available in both black and (off) white, the OPL-6845 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

RoHS compliance

Kinder to environment

Enhanced scanning performance

Unsurpassed read rates

Collapsible modular stand

Less packaging and therefore less waste

2 colours available

Blends well with most systems

Cabled

Wireless

Stationary

OEM

OPTICON
always scanning for new ID's

Specifications

OPL 6845 Laser scanner

Electrical specifications

Voltage requirement: 5 V $\pm$ 10%

Optical specifications

Light source: 650 nm visible laser diode

Scan rate: 100 scans/sec

Reading pitch angle: -52 to 0°, 0 to +44°

Reading skew angle: -59 to 0°, 0 to +59°

Reading rotation angle: -58 to 0°, 0 to +55°

Curvature: R>13 mm (EAN8), R>19 mm (EAN13)

Min. resolution at PCS 0.9: 0.127 mm / 5 mil

Min. PCS value: 0.3

Depth of field: at PCS 0.9

40 - 234 mm / 1.57 - 9.13 in (res. 1.0 mm / 39 mil),

20 - 175 mm / 0.79 - 6.89 in (res. 0.5 mm / 20 mil),

20 - 119 mm / 0.79 - 4.69 in (res. 0.25 mm / 10 mil),

20 - 65 mm / 0.79 - 2.56 in (res. 0.15 mm / 6 mil),

20 - 51 mm / 0.79 - 1.97 in (res. 0.127 mm / 5 mil)

Communication specifications

Interface: Keyboard Wedge, RS232C, USB(HID)

Identification

Supported barcode symbologies (1D): JAN/UPC/EAN (WPC) incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, Korean Postal Authority code, Matrix 2of5, Chinese Post, MSI/Plessey-UK/Plessey, RSS, S-Code, Telepen, Tri-Optic

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: 20 - 80 % (non-condensing)

Humidity in storage: 10 - 90 % (non-condensing)

Ambient fluorescent light rejection: 3,000 lx max.

Ambient direct sun light rejection: 50,000 lx max

Antistatic electricity: 15 kV (non destructive)

Shock drop test: 1.5 m / 5 ft drop onto concrete surface

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

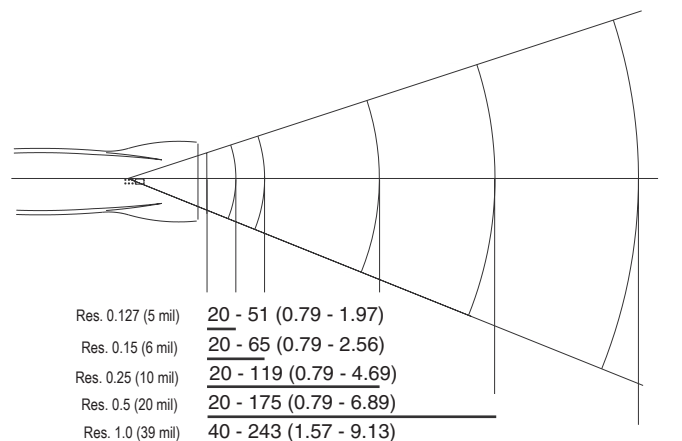
Regulatory

Laser safety class: IEC 825, Class I laser product

Product compliance: EN 55022, EN 55024

Depth of field

Unit: mm (in)



Dimensions

unit: mm (in)

