

1D CCD

# OPT 6125

CCD scanner 65 mm aperture



Easy to use is the major importance of the OPT series. The CCD scanner reads the barcode after manually triggering the scanner by the triggerswitch. The choice for OPT 6125 gives the possibility to read labels up to 65mm width.

## Product Features

### CCD engine

Touch reading with 200 scans/sec

### Different interfaces available

Easy connectivity RS232, Keyboard Wedge, USB

### Lower power consumption

Ideal to use as input device for computer hardware

### Configurable by bar code configuration manual

A variety of parameters can be set

### Can read both marginal quality and high density labels

Allows this scanner to have many applications

Cabled

Wireless

Stationary

OEM

**OPTICON**

always scanning for new ID's

## Specifications

### OPT 6125 CCD scanner 65 mm aperture

#### Electrical specifications

Voltage requirement: 5 V  $\pm$  5%

Current consumption: max. 100 mA

Idle current: 30 mA

#### Optical specifications

Light source: 630 nm red LED

Photo sensor: 2k element CCD

Scan rate: 200 scans/sec

Reading width: 65 mm

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

Min. PCS value: 0.45

Depth of field: at PCS 0.9, EAN13

0 - 30 mm / 0.00 - 1.18 in (res. 0.33 mm / 13 mil)

#### Communication specifications

Available interfaces: Keyboard Wedge: XT/AT and PS2, RS232, USB

#### Identification

Supported barcode symbologies (1D): JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Code 39, Code 93, Code 128, IATA, ISBN-ISSN, Industrial 2of5, Interleaved 2of5, Matrix 2of5, MSI/Plessey-UK/Plessey, Telepen, TriOptic, S-Code

#### Functionality

Trigger mode: manual

Configuration: over 300 parameters can be set by RS232 menu book or setup program

#### Environmental specifications

Temperature in operation: 0 to 40 °C / 32 to 104 °F

Temperature in storage: -20 to 60 °C / -4 to 140 °F

Humidity in operation: 20 - 80 % (non-condensing)

Humidity in storage: 20 - 90 % (non-condensing)

Ambient fluorescent light rejection: 3,000 lx max

Ambient white light rejection: 2,000 lx max

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

Shock vibration test: 12 - 100 Hz with 2G for 1 hour

#### Physical specifications

Dimensions: 152 x 72 x 22 mm / 5.98 x 2.83 x 0.87 in

Case material: ABS

Weight body: Ca. 90 g / 3.2 oz

Weight cable: Ca. 110 g / 3.9 oz wedge adapter cable: Ca. 25 g / 0.9 oz

Cable: 1.000.000 bendings at 90° with 500 g / 1 lb 2 oz

Cable length: RS232 and USB : 2000 mm / wedge : 2400 mm / wedge adapter cable 240 mm

Connector Keyboard Wedge: DIN 5 female and MiniDIN6 male, adapter DIN 5 male and MiniDIN6 female

Connector RS232: DB9 F with external power

Connector USB: USB-A

#### Regulatory

Product compliance: EN 55022, EN 55024

#### Dimensions

unit: mm (in)

