

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.

1D CCD

# OPT 6125

CCD scanner 65 mm aperture



## Features

- CCD engine
- Different interfaces available
- Lower power consumption
- Configurable by bar code configuration manual
- Can read both marginal quality and high density labels

## Benefits

- Touch reading with 200 scans/sec
- Easy connectivity RS232, Keyboard Wedge, USB
- Ideal to use as input device for computer hardware
- A variety of parameters can be set
- 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	5V ± 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	0 - 30 mm (EAN13, PCS0.9, resolution 0.33)

### Identification

Supported barcode symbologies	Chinese Post - Codabar ABC and CX - Code 39 - Code 39 Full ASCII - Code 93 - Code 128 - EAN-8 incl. +2,+5 - EAN-13 incl. +2,+5 - EAN-128 - IATA - ISBN - ISSN - Industrial 2of5 - Interleaved 2of5 - Italian Pharmaceutical - Matrix 2of5 - MSI/Plessey - UK/Plessey - Telepen - TriOptic - S-Code - UPC-A incl. +2,+5 - UPC-E incl. +2,+5
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### Functionality

Trigger mode	manual
Configuration	over 300 parameters can be set by RS232, menu book or setup program
Available interfaces	Keyboard Wedge: XT/AT and PS2, RS232, USB

### Environmental specifications

Temperature in operation	0 - +40 °C
Temperature in storage	-20 - +60 °C
Humidity in operation	20 - 80 % (non condensing)
Humidity in storage	20 - 90 % (non condensing)
Ambient fluorescent light	3.000 lux max
Ambient white light	2.000 lux max
Shock drop test	1.5 m drop onto concrete surface
Shock vibration test	12 - 100 Hz with 2G for 1 hour

### Physical specifications

Dimensions	(l x w x d) 152 x 72 x 22 mm
Case material	ABS
Weight body	ca. 90 gr
Weight cable	ca. 110 g / wedge adapter cable: ca. 25 g
Cable	1.000.000 bendings at 90° with 500g
Cable length	RS232 and USB : 2000 mm / wedge : 2400 mm / wedge adapter cable 240 mm
Connector Keyboard Wedge	DIN 5 female and MiniDIN 6 male, adapter: DIN 5 male and MiniDIN 6 female
Connector RS232	DB9 F with external power
Connector USB	USB-A

### Regulatory

EMC	EN 55022, EN 55024
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