

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 1000 gives the possibility to read labels up to 60mm.

1D CCD

OPT 1000

CCD scanner 60 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 1000 CCD scanner 60 mm aperture

Electrical specifications

Voltage requirement	5V ± 10 %
Current consumption	max. 77 mA
Rush current	max. 600 mA
Idle current	16 mA

Optical specifications

Light source	660 nm red LED
Photo sensor	2K element CCD
Scan rate	200 scans/sec
Decode rate	200 decodes/sec
Reading width	60 mm
Min. Resolution at PCS 0.9	0.127 mm (5mil)
Min. PCS value	0.3
Depth of field	0 - 55 mm (UPC PCS0.9, resolution 0.39)

Identification

Supported barcode symbologies	Chinese Post - Codabar ABC and CX - Code 39 - 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 or menu book
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	1.500 lux max
Ambient white light	2.000 lux max
Shock drop test	drop: 1 m drop onto concrete surface
Shock vibration test	10 - 100 Hz with 2G for 1 hour

Physical specifications

Dimensions	(l x w x d) 165 x 64 x 34 mm
Case material	ABS
Weight body	ca. 125 gr
Weight cable	USB ca. 60 gr, other ca.110 gr.
Cable length	USB straight 2 mtr, other straight 1.5 mtr
Connector Keyboard Wedge	DIN 5, MiniDIN 6
Connector RS232	DB9 F with external power
Connector USB	USB-A

Regulatory

EMC	EN 55022, EN 55024
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