

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

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|----------------------------|--|
| 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

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| 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

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|----------------------|---|
| 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

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| EMC | EN 55022, EN 55024 |
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