

1D CCD

LGP 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 LGP 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

LGP 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)

