

The small sized and light weight OPL7736 bar code laser scanner is designed to fit your hand. The gun shaped body supplies comfort for frequently daily use and allows intuitive operation. The triggerkey below the scan head has a natural feeling and is activated by a single slight push.

1D laser

OPL 7736

Handheld laser gun



Features

- Laser scan engine
- Light weight scanner
- Different interfaces available
- Ergonomic design

Benefits

- Enables touch- and variable distance reading
- Easy to handle
- Easy connectivity RS232, wedge, USB
- Comfortable in use

Cabled

Wireless

Stationary

OEM

OPTICON
always scanning for new ID's

Specifications

OPL 7736 Handheld laser gun

Electrical specifications

Voltage requirement	5 V ± 10%
Current consumption	max. 100 mA (typical use)
Rush current	max. 150 mA
Idle current	max. 20 mA

Optical specifications

Light source	650 nm visible laser diode
Scan method	vibrating mirror
Scan rate	100 scans/sec
Decode rate	100 decodes/sec
Reading pitch angle	+8 - +50°, -8 - -50°
Reading skew angle	± 30°
Reading rotation angle	15°
Reading width	45 - 305 mm, depending on reading distance and bar code label resolution
Min. Resolution at PCS 0.9	0.15 mm (6 mil)
Min. PCS value	0.45
Depth of field	50 - 360 mm (UPC PCS0.9, resolution 1.00), 30 - 270 mm (UPC PCS0.9, resolution 0.50), 30 - 140 mm (PCS0.9, resolution 0.25), 30 - 70 mm (UPC PCS0.9, resolution 0.15)
Reading mode	normal bar code reading
Reading mode optional	parallel reading

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 2 of 5 - 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 RS 232 or menu book
Available interfaces	Keyboard Wedge: XT/AT and PS2, RS232, USB

Environmental specifications

Temperature in operation	0 - +40 °C
Temperature in storage	-10 - +60 °C
Humidity in operation	20 - 80 % (non condensing)
Shock vibration test	12 - 100 Hz with 2G for 1 hour
Humidity in storage	20 - 90 % (non condensing)
Ambient fluorescent light	3.000 lux max.
Ambient white light	3.000 lux max.
Ambient direct sun light	8.000 lux max.
Shock drop test	1.5 m drop onto concrete surface

Physical specifications

Dimensions	(h x w x d) 136 x 54 x 87 mm
Case material	ABS
Weight body	95 g
Weight cable	USB ca. 50 gr, other ca.80 gr.
Cable length	2 mtr straight
Connector Keyboard Wedge	DB9 F
Connector RS232	DB9 F with external power
Connector USB	USB-A

Regulatory

Laser safety class	IEC 825, Class I laserproduct
EMC	EN 55022, EN 55024

Additional

Accessories
Rubber Stand ST08

