

LOPT series distance meters

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Distance meter modules with RS 232 output



LOPT series of laser distance meters are based on a pulsed laser distance meter with a RS 232 output through a cable with a 9 pin D-Sub.

All instruments have an integrated aiming system to easily see where the laser spot is located. They are rubberized and water proof to IP 65 standards. Dimensions are 110x40x75mm. Design is rugged and robust and can survive a lot.

Advantages:

- [Software for control panel and data chart](#)
- [Simultaneous display on case](#)
- [Stand alone mode \(in addition to computer connection\) with internal memory](#)
- [Simultaneous elevation measurement](#)
- [Simultaneous compass measurement \(optional\)](#)
- [Internal SD card data recorder up to 32G \(optional\)](#)

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SIGHTING	7x built-in telescope with reticle
PROTOCOL	RS232
DATA I/O	2m cable 9-pin D type
TRIGGER OUT	TTL
POWER	3-5VDC, AC/DC adapter
OPERATION TEMPERATURE	-10 °C -60 °C
DIMENSIONS (MM)	105 x 65 x 38 (all models)
WEIGHT (G)	250 (all models)
CASE MATERIAL	Anodized aluminum
PROTECTION CLASS	IP67
WAVELENGTH	905nm
EYE SAFETY	Class 1
BEAM DIVERGENCE	2.5mrad x 0.33mrad

Model	OPM1	OPM2	OPM3	OPMH1	OPMH2	OPMH3
➤ Reflectorless Range (meter)	1-100	2-300	2-700	1-100	2-300	2-700
➤ Max Range with Reflector (meter)	500	1000	1500	500	1000	1500
➤ Accuracy (cm)	5	10	10	10	10	30
➤ Resolution (cm)	1	1	1	5	5	10
➤ Repetition Rate (Hz)	10	5	1	1000	500	200