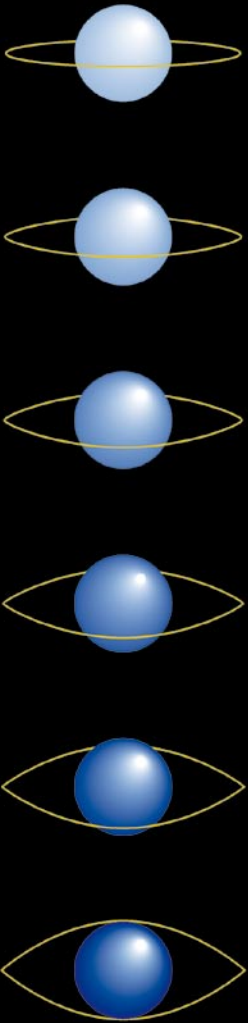


MLR-50

Eyesafe Laser Rangefinder



OIP
Sensor Systems
P/N: 901-026
S/N: 131
NSN:
MFN: B0012
MOD 1 2 3 4 5 6 7 8 9 10
ACCEPTANCE:



MLR-50

Eyesafe Laser Rangefinder

Description

The MLR-50 is the latest product in OIP's range of compact, high performance laser rangefinders. The system is based on the proven MLR-40 Eyesafe Laser Rangefinder and features an integrated CCD camera for boresighting.

Single pulse Erbium Glass laser technology, emitting at an eyesafe wavelength of 1540 nm, is employed to achieve measuring ranges of up to 20 km. The rangecounter has a resolution of 5m with multiple target detection capability.

The MLR-50 is equipped with a single external connector, handling power, dual link serial communication and video.

The MLR-50 can be integrated to any observation system (Day and Night), to provide the range information, utilizing the CCD camera for remote boresighting between the LRF line of sight and the observation system line of sight.

Features

- High performance
- Eyesafe
- Compact
- Lightweight
- Integrated CCD camera
- Easy operation

Quality

The quality management system applied by OIP Sensor Systems for development and production is in accordance with NATO AQAP-2110 Ed.2 and ISO-9001 directives.

TECHNICAL SPECIFICATIONS

Laser Rangefinder

Measuring Range	80 to 20,000 m
Range resolution	5 m
Standard measuring rate	6 PPM
Multiple targets	3 targets
Target discrimination	30 m
Laser type	Erbium Glass
Safety class	Class 1
Output Energy (Nominal)	10 mJ
Output Beam Divergence	80% of the Energy at 0.6 mRad
External power	20 to 32 VDC
Operating temperature	-32°C to +65°C
Storage temperature	-40°C to +70°C
Mass	< 1 kg
Size	118 x 108 x 65 mm
Interface	RS-422

CCD Camera

Black and white CCIR	
FOV of 3° x 2°	

Data are for information only and can be subject to change without prior notice

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