



LP 18D

Eyesafe laser rangefinder module

LP 18D

The LP18D eyesafe laser rangefinder is designed to be used in compact observation systems for airborne, maritime and land based optronic applications.



They incorporate state of the art diode pumped technology which provides accurate and effective range performance to dynamic targets in extremely compact packages.



An integrated boresight camera facilitates ease of boresight alignment with the host observation system.



Applications

- Airborne observation systems
- Border surveillance
- Border control systems
- Maritime surveillance systems
- Vehicle-mounted reconnaissance systems
- Land-based surveillance systems

Technical data	LP 18D
Extinction ratio	31 dB (*)
Maximum range	10 km
Measuring rate	6 pps (cont.)
Range gate	80 m to 10 000 m
Minimum range	80 m
Range resolution	1 m
Range accuracy	±5 m
Multiple target resolution	30 m
Multiple target range	Logic 1 st , 2 nd & last targets
Weight	~520 g
Size (L x W x H)	112 x 59 x 41 mm
External power (VDC)	14-33 V DC
Operating temperature	-40 °C to +70 °C
Storage temperature	-45 °C to +71 °C
Coms interface	RS422, RS232
Mech interface	3 point fixation
Eye safety	Class 1 (IEC 60825-1)

*) target at 500 m, reflection > 85%, visibility 23 km

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