



## RANGER MR family

### OEM Medium-Range Laser Range Finder

The RANGER MR is an open- or closed-frame module designed for OEM implementation. Consisting of a short- to medium-range eye-safe laser range finder and an infra red target aiming laser (optional), the RANGER MR is ideal for integration as part of a multi-sensor suite and/or weapon system.

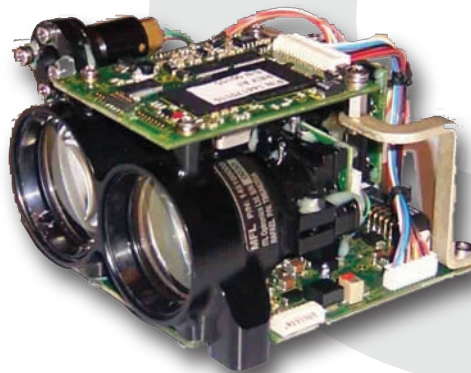
The RANGER MR is also available as part of a platform-mountable ruggedized enclosure for mounting on armoured platforms.

Smartly designed for maximum packaging flexibility, the RANGER MR is easily adapted to existing systems according to customer requirements.

- Compact packaging and design
- Easy multi-suite OEM integration

- » RANGER 2.5 – based on InGaAs laser diode, for ranges of 50 – 2,500 m
- » RANGER 4 - based on InGaAs laser diode, for ranges of 50 – 4,000 m

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## Technical Characteristics

<b>Laser Source</b>	<b>RANGER 2.5</b> InGaAs Laser Diode	<b>RANGER 4</b> InGaAs Laser Diode
<b>Wavelength</b>	1550nm	1525nm
<b>Ranging Repetition Rate</b>	>30 lasing operations/min – Continuous	>30 lasing operations/min – Continuous
<b>Range Accuracy</b>	±3m (1σ)	±3m (1σ)
<b>Minimum Range</b>	50 m	50 m
<b>Maximum Range</b>	2,500 m	4,000 m
<b>Laser Safety</b>	Fully eye-safe - CLASS 1, according to IEC 60825-1: 2001	Fully eye-safe - CLASS 1, according to IEC 60825-1: 2001
<b>Electrical</b>		
<b>Power Source</b>	5-36VDC	5-36VDC
<b>Communication</b>	RS232 or RS422	RS232 or RS422
<b>IR Pointer (Optional)</b>		
<b>Output Power</b>	15 mW	15 mW
<b>Boresight Pointer/LRF</b>	<0.2 mRad	<0.2 mRad
<b>Physical Data</b>		
<b>Weight</b>	<400g	<400 gr

## Environmental

Complies with MIL-STD-810F and MIL-STD-461D



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Specifications subject to change at any time

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