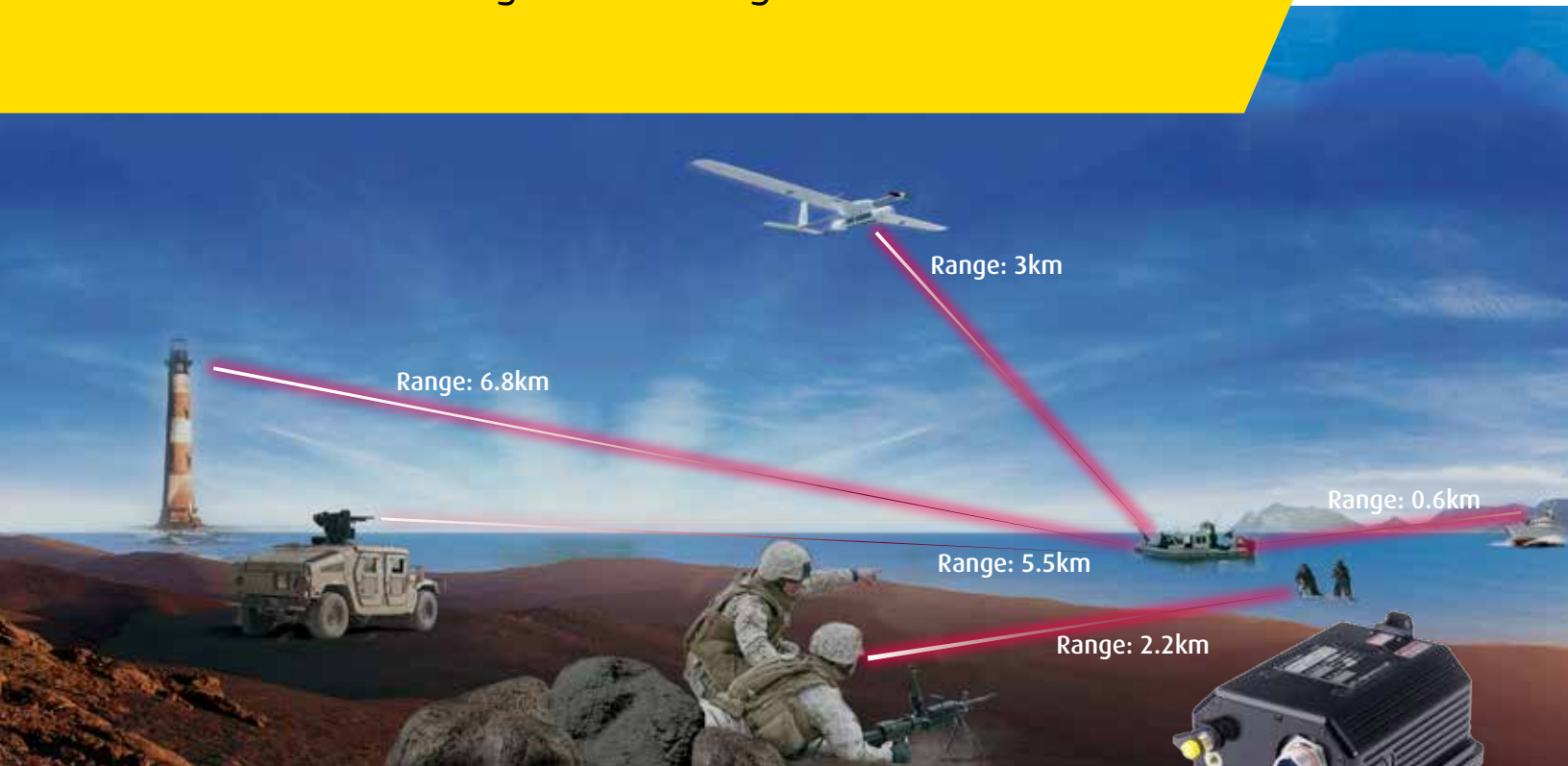


RANGER MR Family

OEM Medium - Range Laser Range Finders



Missions

- OEM Laser Diode Short & Medium Range Laser Finder
- Open Frame or Box modules
- Ideal for mobile and stationary mid range observation applications

Main Features

- Top Quality in Compact Robust Package:
 - Class I Eye - Safe
 - Unmatched dimensions and weight
 - Designed to perform under adverse conditions
 - Exceptional optics boresighting
 - Integrated and boresighted IR marker (Optional)
 - Complies with MIL - STD standards
- Limitless Integration and Adaptation Options:
 - Maximized packaging flexibility



Elbit Systems™

Security & Tactical EO Solutions – ELSEC

RANGER MR Family

OEM Medium - Range Laser Range Finders

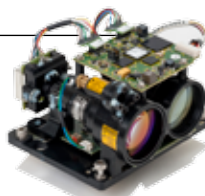
- Easy integration with any existing multi - sensor suites
- Adaptable mechanic, electronic and communication interfaces
- Successfully integrated with over 30 different systems world - wide
- Covers all operational needs and range finding scenarios up to 7Km

Technical Specifications

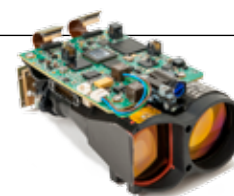
Category	Ranger 4 and 4 Box	Ranger 5	Ranger 5 NATO
Laser Type	InGaAs Laser Diode	InGaAs Laser Diode	InGaAs Laser Diode
Laser Wavelength	1540 ± 20nm	1540 ± 20nm	1540 ± 20nm
Laser Repetition Rate	>30 lasing operations/min - continuous	>40 lasing operations/min - continuous	>40 lasing operations/min - continuous
Range Accuracy	±5m	±5m	±5 m
Minimum Range	50 m	50 m	20 m
Maximum Range	> 3000m according to atmospheric visibility	>4000m according to atmospheric visibility	> 7000m according to atmospheric visibility, NATO Target at 5000m
Laser Safety	Fully eye-safe CLASS 1, IAW IEC 60825-1:2001-2008	Fully eye-safe CLASS 1, IAW IEC 60825-1:2001-2008	Fully eye-safe CLASS 1, IAW IEC 60825-1:2001-2008
Power	5-14VDC	5-14VDC	5-14VDC
Communication	RS232/RS422	RS232/RS422	RS232/RS422
Weight	<400gr (open frame module) <1.6kg(box module)	< 250gr	< 130gr
Target Discrimination	40m	30m	30m
Laser Pointer	Optional	Optional	Optional



Ranger 4B



Ranger 5



Ranger 5 Nato