

ELIS

Eyesafe Laser Integrated Sight



Main Advantages & Features:

Eyesafe Laser Integrated Sight (ELIS) for Tanks and Light Armored Vehicles for fire Control System (FCS) Provide Total Solution in a Single LRU

- Direct View Optics (DVO) x 8
- Built in HD Camera
- Video Overlay

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Technical Data

• Transmitter type	Diode pumped, Erbium glass 1.54 μm (eyesafe)
• Output energy	> 2 mj
• min Repetition rate	1 pps Continuous
• Beam divergence	< 0.4 mRad
• Range	
- Minimum	100 m
- Maximum	20,000 m
- Accuracy	$\pm 1.5 \text{ m } 1\sigma$
Target discrimination	25 m
• Extinction ratio	> 39 dB @ 85% reflectivity at 500m
• Receiver optical aperture	60 mm
• False alarm rate	1%, max
• Boresight adjustment	$\pm 10\text{mRad}$
• Cooling	Passive
• Dimensions (L x W x H), mm	240 X124 X 260
• Weight	< 9Kg
• Operation temperature	-40°C to +62°C
• Storage Temperature	-54°C to +71°C



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