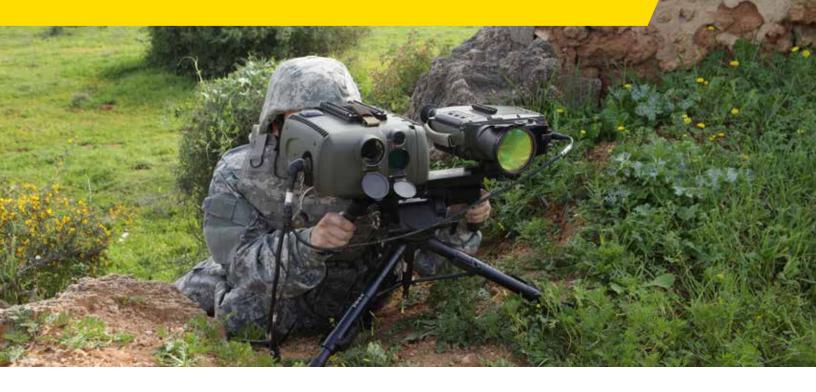
PLDR-III (SERPENT) Portable Lightweight Designator / Rangefinder

For Laser-Guided Munitions



Main Advantages & Features

- Very compact and lightweight system based on state-of-the-art, diode pumped technology
- "Single soldier" portable system
- Increased designation range
- Reduced lifecycle costs, increased system uptime
- Passive cooling for high reliability and silent operation
- Reduced battery consumption
- Ruggedized, to meet and exceed harsh environmental conditions IAW MIL-STD-810
- Standard external rails for add-on devices

Applications

- Close Air Support (CAS) designation and ranging missions
- Forward Observers (FO) operation
- Forward Air Control (FAC) missions



ELOP PLDR-III

Portable Lightweight Designator / Rangefinder For Laser-Guided Munitions

Main Modules

- Designator head
- Pan & tilt head
- Tripod
- Battery



Technical Data

Designation range - Tank target	>5 km >9 km	Control Panel - Keyboard User Interface and Display	
- Large target Rangefinder performance		Designator head - Weight	< 5 Kg
- Maximum range	250 m 10,000 km	- Dimensions Option:	370 x 280 x 180 mm
Range accuracy	5 m	3-5 μm Thermal Imaging Camera/Sight for Ground Laser Designators with 1.06 μm "See Spot" Capability and Built in Communication.	
Range logic	First, last, range gate		
Laser characteristics - Wavelength - Beam divergence	1.064 µm 0.25 mRad (typical)		
Sighting system			
- Objective diameter - Direct view mag. - Field of View (FOV) - Digital Data display	45 mm x 8 5.6°		



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