

ELOP PLDR-II

Portable Lightweight Designator / Rangefinder
with Built-in Laser See-Spot Camera



Main Advantages & Features

- Laser designation for all types of laser-guided munitions
- Compact design and lightweight system
- Can be carried by an individual soldier
- Built-in electronic compass and GPS
- Built-in tactical computer for target location calculations
- Built-in laser spot camera and video display
- Data link to the thermal sight, remote data transmission and test equipment
- Ruggedized to meet and exceed harsh environmental conditions
- IAW MIL-STD-810
- Stand-off designation for maximum protection
- Option: add-on thermal camera with laser see-spot for nighttime
- observation capability

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Applications

- Joint terminal attack controller (JTAC)
- Close air support (CAS) designation and marking missions
- Forward observers (FO) operation
- Forward air control (FAC) missions
- Urban warfare

Main Modules

- Designator head
- Pan & tilt head
- Tripod
- Battery pack
- Remote firing switch
- Remote tactical computer



Technical Data

Designation range	
- Tank target	>5 km
- Large target	>10 km
Rangefinder performance	
- Minimum	250 m
- Maximum	10 km
- Accuracy	±5 m
Range logic	First / last range gate
Laser beam wavelength	1064 nm
Sighting system	
- Direct view magnification	x8
- Field of view	5.6°
- Diopter range	>±4 D
Laser spot camera	
- Field of view	2.5°
- Display type	3.5" VGA
Designator head weight	6.7 kg

Targeting location

- Built-in GPS
- Built-in electronic compass
- Built-in tactical computer

External options

- Add-on see-spot thermal sight
- Remote tactical computer
- Test equipment
- Radio remote control
- Eyesafe training kit
- Pilot training kit



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