

# PLLDS

## Portable Lightweight Laser Designation System



### Main Advantages & Features

- Day/night laser designation to stationary or moving targets for all types of laser-guided munitions
- Compact, lightweight system
- Long designation range
- Data link to thermal sight, remote data transmission and test equipment
- Built-in tactical computer for target location calculation
- Built-in electronic compass and GPS
- Built-in tactical computer for target location calculations
- Continuous operation - no cool-down time
- Can be carried by an individual soldier

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## Portable Lightweight Laser Designation System

### Applications

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

### Main Modules

- Designator head
- Mounting system
- Power unit



### Technical Data

#### Designation performance

- Continuous designation >10 km

#### Ranging performance

- Minimum 250 m
- Maximum 20 km
- Accuracy ±5 m
- Range logic First / last range gate

#### Laser characteristics

- Wavelength 1064 nm
- Output energy >130mJ
- Beam divergence 0.13 mRad
- Duty cycle Continuous operation

#### Sighting system

- Objective diameter 90 mm
- Direct view magnification x13
- Field of view 5.6°
- Diopter range ±5 D

#### Weight

8 kg

#### Targeting location

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

#### Options

- Add-on thermal sight
- Built-in "See-Spot" Camera
- Remote tactical computer
- Test equipment



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