

# MiniMRLR

EYE SAFE LASER RANGE  
FINDER MODULE

LIGHTWEIGHT AND COMPACT DESIGN  
HIGH RANGING PERFORMANCE  
EYESAFE OPERATION





# MiniMRLR

## EYE SAFE LASER RANGE FINDER MODULE

### Applications

- Surveillance Systems
- Targeting Systems
- Electro-Optical Weapon systems
- Multi Sensor Platforms

### Main Features

- Computer Controlled
- First/Last Reflection Selection
- Adjustable Target Masking
- Up to 5 Target Measurement

### Environmental Conditions

- Operating Temperature :  $-32^{\circ}\text{C}$  to  $+52^{\circ}\text{C}$
- Storage Temperature :  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Environmental Spec : MIL-STD-810G

### Technical Specifications

|                             |                           |
|-----------------------------|---------------------------|
| Laser Type                  | Diode Pumped Er: Glass    |
| Wavelength                  | 1.54 $\mu\text{m}$        |
| Pulse Energy                | > 1 mJ                    |
| Repetition Rate             | 1 Hz Continuous           |
|                             | 2 Hz Burst                |
| Range                       | 100m - 15000m             |
| Range / Resolution Accuracy | 2.5m / $\pm 3$ m          |
| Divergence                  | < 1 mrad                  |
| Reflection                  | First / Last / Mask       |
| Power Interface             | 12 VDC                    |
| Communication Interface     | RS-422                    |
| Weight                      | < 0.25 kg Without Housing |
| Dimensions (W x H x L)      | 55 x 45 x 90 mm           |
| Eye Safety Class            | Class 1, ANSI-Z136.1-2014 |