

# MRLR

EYESAFE LASER RANGE FINDER

HIGH RANGING PERFORMANCE

HIGH REPETITION RATE

EYESAFE OPERATION

LIGHTWEIGHT AND COMPACT DESIGN





# MRLR

## EYESAFE LASER RANGE FINDER

### Applications

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

### Main Features

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

### Technical Specifications

- |                             |                                  |
|-----------------------------|----------------------------------|
| • Laser Type                | : Diode Pumped Er:Glass          |
| • Wavelength                | : 1.54 $\mu\text{m}$             |
| • Range                     | : 100 – 20000 m                  |
| • Repetition Rate           | : 5 Hz Continuous                |
| • Range Resolution/Accuracy | : 2.5m / $\pm 5$ m ( $1\sigma$ ) |
| • Divergence                | : < 0.7 mrad (0.5 mrad Typical)  |
| • Power Interface           | : 12-32 VDC                      |
| • Communication Interface   | : RS422                          |
| • Weight                    | : < 0.55 kg                      |
| • Dimensions (WxLxH)        | : 93.5 x 64 x 110 mm             |
| • Safety Class              | : Class 1, ANSI-Z136.1-2014      |

### Environmental Conditions

- |                         |                  |
|-------------------------|------------------|
| • Operating Temperature | : -32°C to +52°C |
| • Storage Temperature   | : -45°C to +65°C |
| • Environmental Spec    | : MIL-STD-810F   |

