

# LRF-20ES

## Laser rangefinder-binocular



LRF-20ES is eye-safe, long distance, handheld laser rangefinder. This rangefinder is used in many applications, from military systems to border surveillance and observation systems. This binocular is based on laser Time-of-Flight (TOF) and it can measure distances up to 20 km.

### Technical characteristics:

- |                               |                      |
|-------------------------------|----------------------|
| • Laser type                  | Class 1 (IEC 60825 ) |
| • Laser wavelength            | 1550 nm              |
| • Distance measuring range    | 50 to 20000 m        |
| • Distance measuring accuracy | ± 2 m                |

### Optical sight

- |                      |                |
|----------------------|----------------|
| • Magnification      | 7x             |
| • Field of view      | 126 mils/6.75° |
| • Diopter adjustment | ± 5            |

### Digital magnetic compass

- |   |                   |
|---|-------------------|
| • Azimuth accuracy (16)                 | ± 1.8 mils/± 0.1° |
| • Inclination accuracy (roll and pitch) | ± 5 mils/ ±0.3°   |

### GPS

- |  |        |
|--|--------|
| • Number of channels                                 | 72     |
| • Position accuracy in horizontal/<br>vertical plane | 2 m/4m |
| • Data interface                                     | RS232  |

### Power supply

- |                    |                         |
|--------------------|-------------------------|
| • Internal battery | Li-Ion (4.2 V, 1630 mA) |
|--------------------|-------------------------|

### Features :

- Laser eye-safe (Erbium glass)
- Measured range up to 20 km
- GPS receiver
- Digital magnetic compass
- Standard serial interface
- Internal battery
- Optical sight

LRF-20ES can be mounted on a tripod (optional).

