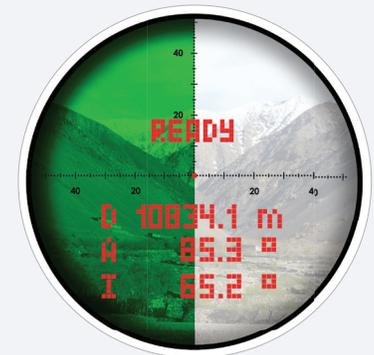


LRB 6KNIGHT

LONG-RANGE LASER RANGEFINDER BINOCULAR WITH NIGHT CAPABILITY



This device compatible with:



LRB 6KNIGHT - Display

The LRB 6KNIGHT is built to outperform any handheld day/night laser rangefinder binocular available today. Packing a virtually endless set of performance features into a MIL-SPEC form factor, the LRB 6KNIGHT can handle anything professional operators can throw its way. A 6,000 metre (NATO target) measuring range, built-in digital magnetic compass, crystal-clear LED display, and a Gen 3 night vision channel are combined into an invaluable force multiplier. The LRB 6KNIGHT requires virtually no maintenance and very little operational training. Through USB and RS-232 interfaces, the LRB 6KNIGHT can be operated remotely, have its stored data exported, and communicate with external GPS systems and ballistic computers.

| Optics | LRB 6KNIGHT |
|--|---|
| Magnification (x), day/night | 7/5 |
| Objective lens diameter (mm) | 42 |
| Field of view (°), day/night | 6/7 |
| Eye relief (mm) | 20 |
| Diopter adjustment range | ±5 |
| Interpupillary distance (mm) | 58 - 72 |
| Rangefinder | |
| Display type | OLED |
| Computer output, type | RS-232, USB, Bluetooth (optional), NMEA |
| Eye safety | Class 1, eye-safe |
| Wavelength (nm) | 1550 |
| Measuring distance range (m)* | 6,000 |
| Distance measurement accuracy (m) | ±1 |
| Gating capability | 100-5,500m |
| Gating step (m) | Variable |
| Last 10 readings recall | Yes |
| Reticle pattern selection | Yes |
| Low battery indicator | Yes |
| Meters/Yards display | Yes |
| First/last/auto target logic | Yes |
| Night vision channel | |
| Detection to a human-sized target at 1/2 moon conditions (m) | 500 |
| Image intensifier tube (IIT) | Gen. 3 |
| Photocathode material | GaAs |
| Auto-gating | Optional |
| IIT resolution, min (lp/mm) | 64 |
| Photocathode sensitivity, min @ 2856°K (µA/lm) | 1,800 |
| System resolution (night), min (cycles/mrad) | 3.5 |

*2.3m x 2.3m NATO standard target



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| | |
|---|----------------------|
| Speed detection | |
| Measured speed range (kmh / mph) | 0-400 / 0-200 |
| Accuracy (kmh / mph) | ±2 |
| Compass | |
| Measured azimuth range (mils/°) | 6,400 / 360 |
| Accuracy (°) | ±1.0 |
| Inclinometer | |
| Measured elevation range (mils/°) | ±1,600 / ±90 |
| Accuracy (°), RMS at level | ±0.5 |
| Mechanics, Electronics & Environmental | |
| Dimensions (mm) | 210x178x85 |
| Weight without batteries (g) | 1,900 |
| Tripod mountable | Yes |
| Power Supply | 1x 2CR5 non-magnetic |
| Battery life (# of measurements) | 5,000 |
| Operating temperature range (°C) | -25 to +60 |
| Storage temperature range (°C) | -40 to +60 |
| Waterproofing | MIL-STD-810G |

DELIVERY SET

Supplied with the following standard accessories:

- Soft carrying case
- Hard transport case
- 1x 6V Lithium 2CR5 Battery
- RS 232 and USB cable
- Cover for eyepieces
- Lens cleaning pen
- Software
- Operation manual

OPTIONAL ACCESSORIES



TACT3-S Tripod



LRF GPS Cable



LRB 6/12K Rechargeable Kit



Car Adapter



LRF AC/DC Adapter



ARF Filter Caps



ARF Filters



Smart Cable



Hard Case with Optional Accessories

