LRB 6KNIGHT

LONG-RANGE LASER RANGEFINDER BINOCULAR WITH NIGHT CAPABILITY

This device compatible with:

Android™ · Ballistic apps · NC Cronus™ · CivTAK/ATAK

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, NMEA
Eye safety	Class 1, eye-safe
Wavelength (nm)	1,550
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

*2.3x2.3m NATO standard target
Custom functions and features are available upon request.

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WITH NIGHT CAPABILITY

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)	197x166x77
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

NC SST3-3S Tripod

Car Adapter

ARF Filters

LRF GPS Cable

LRF AC/DC Adapter

Smart Cable

LRB 6/12K Rechargable Kit

ARF Filter Caps

Hard Case with Optional Accessories

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