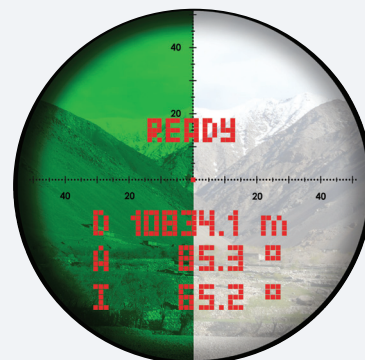


# LRB 12KNIGHT

LONG RANGE LASER RANGEFINDER BINOCULAR  
WITH NIGHT CAPABILITY



This device compatible with:



LRB 12KNIGHT - Display

The LRB 12KNIGHT 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 12KNIGHT can handle anything professional operators can throw its way. A 12,000 metre (NATO target) measuring range, built-in digital magnetic compass, built-in GPS receiver, crystal clear LED display, and a Gen 3 night vision channel are combined into an invaluable force multiplier. The LRB 12KNIGHT requires virtually no maintenance and very little operational training. Through USB and RS-232 interfaces, the LRB 12KNIGHT can be operated remotely, have its stored data exported, and communicate with external GPS systems and ballistic computers.

Optics	LRB 12KNIGHT
Magnification (x)	7 / 5 (night)
Objective lens diameter (mm)	42
Field of view (°)	6 / 7
Eye relief (mm)	20
Diopter adjustment range	±5
Interpupillary distance (mm)	58 - 72
Rangefinder	
Eye safety	Class 1, eye-safe
Wavelength (nm)	1550
Measuring distance range (m)*	20 - 12,000
Distance measurement accuracy (m)	±1
Azimuth measurement accuracy (°)	±1
Inclination measurement accuracy (°)	±0.5
Speed detection	Yes
First/last target logic	Yes
Gating capability	Yes
Gating step (m)	≥100
Scan mode	Yes
Peripheral compatability	PLGR, Bal Comp, PC, Android™
Distance between objects	Yes
Horizontal distance between objects	Yes
Azimuth difference between objects	Yes
Inclination difference between two objects	Yes
Height difference between objects	Yes
User GPS coordinates	Yes
Target GPS coordinates	Yes

\*2.3m x 2.3m NATO standard target

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Display	LRB 12KNIGHT
Meters/yards display	Yes
Computer output, type	RS-232, USB, NMEA
Last 10 readings recall	Yes
Reticle pattern selection	Yes
Low battery indicator	Yes
Mechanics, Electronics & Environmental	
Dimensions (mm)	210x178x85
Weight without batteries (g)	1,900
Tripod mountable	Yes
Power Supply	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
IIT	
Generation	3
Photocathode material	GaAs
IIT resolution, minimum (lp/mm)	64
Signal to noise ratio, minimum	25
Auto-gating	Optional

## 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



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

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Specifications, visuals, descriptions, and technical data are non-binding and may be changed without notice – 2024-01-06

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