

# LRB 4000CI

LONG RANGE LASER RANGEFINDER BINOCULAR

NSN# 1240-20-001-9644



Display

The LRB 4000CI medium range laser rangefinder binoculars combine uncompromised 7x50 optics with advanced data processing algorithms. The rangefinder instantly measures distance up to 4,000 meters (output display in yards also), accurate azimuth and inclination via an in-built digital magnetic compass, and speed using the highly accurate time-of-flight delay method. LRB 4000CI also features RS-232 interface that enables immediate data acquisition by computers, external GPS receivers and various ballistic computers.

A gating algorithm implemented in LRB 4000CI dramatically improves reliability of measurement in unfavourable measurement conditions (e.g. rain, snow, bushes, wires, etc). Low power-consumption (one battery lasts for more than 5000 shots), ergonomic rubber-armoured body, long eye-relief, simple two-button operation, and wide objective lenses make observation and distance measurement with these binoculars accurate and comfortable.

Optics	LRB 4000CI
Magnification (x)	7
Objective lens diameter (mm)	50
Field of view (°)	5
Eye relief (mm)	18
Diopter adjustment range	±4
Interpupillary distance (mm)	58 - 72
Rangefinder	
Eye safety	Class 1, eye-safe
Wavelength (nm)	905
Measuring distance range (m)*	10 - 4,000
Distance measurement accuracy (m)	±1
Azimuth measurement accuracy (°/mils)	±1 / 17
Inclination measurement accuracy (°/mils)	±0.5 / 8.8
Speed detection	Yes
First/last target logic	Yes
Scan mode	Yes
Peripheral compatibility	PLGR, Bal Comp, PC, BT, Android™
Display	
Meters/yards display	Yes
Display type	LCD
Computer output, type	Bi-directional RS-232
Last 10 readings recall	Yes
Reticle pattern selection	Yes
Low battery indicator	Yes

\*2.3x2.3m NATO standard target

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Mechanics, Electronics & Environmental	
Dimensions (mm)	210x150x80
Weight without batteries (g)	1,300
Tripod mountable	Yes
Power Supply	9V non-magnetic
Battery life (# of measurements)	5,000
Operating temperature range (°C)	-25 to +50
Storage temperature range (°C)	-45 to +55
Waterproofing	IP66

## DELIVERY SET

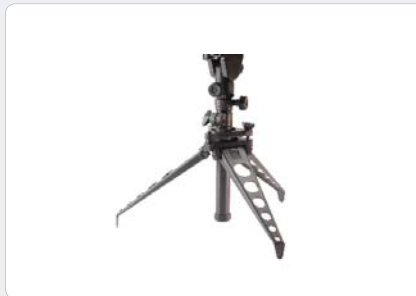
Supplied with the following standard accessories:

- Soft carrying case
- Hard transport case
- 1x 9V Lithium non-magnetic battery
- RS 232 cable
- Objective and eye piece lens covers
- Lens cleaning kit
- Software
- Operation manual

## OPTIONAL ACCESSORIES



Hard Case



Tripod



LRF GPS Cable



Bluetooth Adapter



Night Vision Capability