Commander Binocular with LRF

Product introduction:

This product is based on a 905nm pulsed laser, a laser semiconductor transmitter and receiver Paul binoculars developed by TOF principle. It can obtain high-transmission stereo images while achieving multi-functions such as long-distance distance measurement, height measurement and angle measurement, And it build-in electronic compass that could measure real-time azimuth. The product has high accuracy. It has many functions, is portable and easy to operate. It can be used for measurement in a variety of complex environments.

Features:

1 The product adopts the design of the classic nautical Paul telescope, and the lens adopts high-definition coating, which can clearly observe the target from a long distance.

2 Using a High transparency LCD display , does not block any observation field of view;

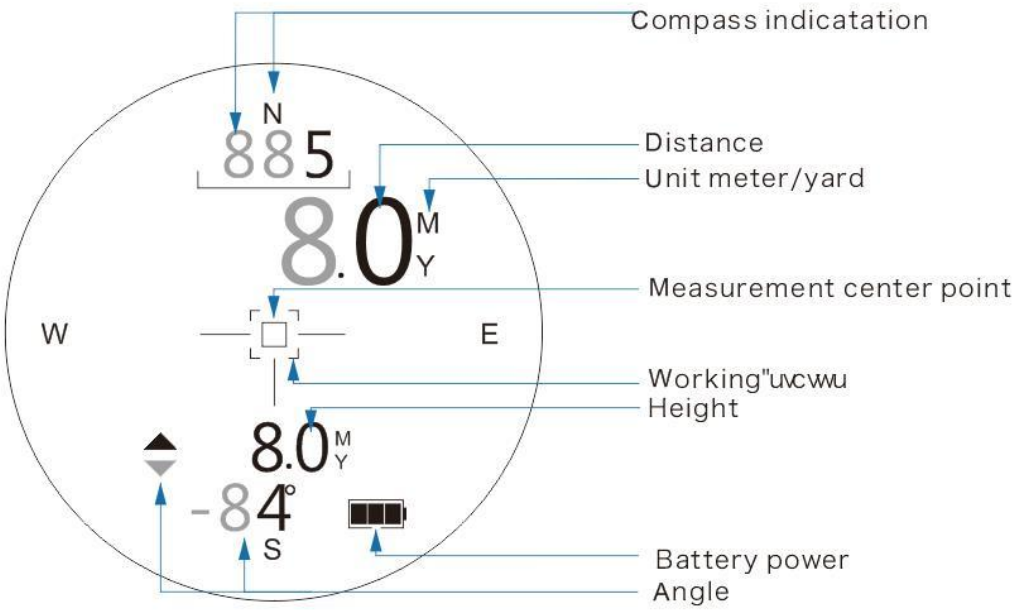
3 Data can be obtained quickly within 1 second, regardless of distance;

4 The product adds an electronic compass, which can obtain the real-time position of the observation target.

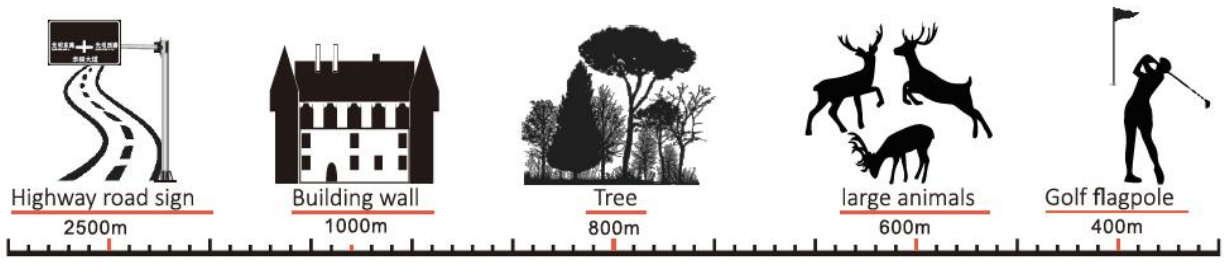
Specification details

Model		LRB-1000	LRB-1500
Performance	Range distance	1m-1000m	1m-1500m
	Accuracy	±1m(1-600m)/±2m(600-1000m)/ ±3m(1000-3000m)	
	Units of measurement	M/yard	
	Screen	High transparency LCD display	
	Angle measurement range	±85°	
Features	Distance measurement	Yes	
	Height measurement	Yes	
	angle measurement,	Yes	
	meter/yard switch	Yes	
	E- compass	Yes	
	measurement method	once	
	Automatic shutdown time	30S after no operation	
Optical	Optical magnification	8X	
	Objective lens diameter	40mm	
	Exit pupil distance	17mm	
	Exit pupil diameter	4.65mm	
	Nearest focal length	2M	
	Field of view	8°	
	Diopter	±5D	
	Eyepiece diameter	19.2mm	
Laser	Laser band	905nm	
	Security Level	Class 1	
	Operating Voltage	3.7V	
	Operating temperature	-20℃/+40℃	
	Interface	No	
Physical	Housing material	PC+glass fiber	
	Size (mm)	180X148X68	
	Weight (g)	955	

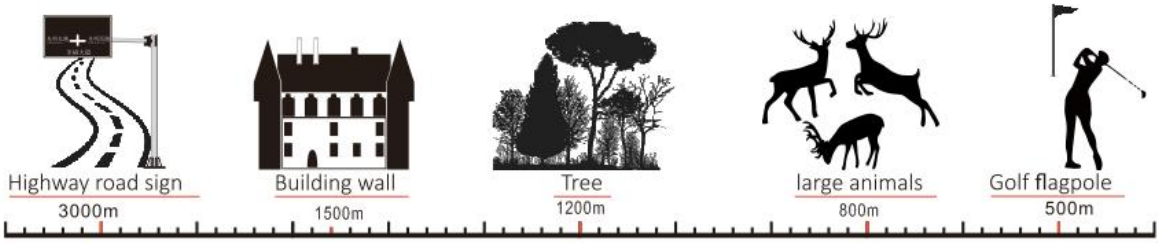
LED display indication



Ranger distance



LRB-1000



LRB-1500

Ranging restriction statement

This range-finding telescope is suitable for measuring high-reflectivity objects (such as highway signs) in reflectivity objects (such as low-reflectivity objects on building walls (such as trees and golf flagpoles). When the reflectivity drops to a certain level, the range will change Reduce accordingly.

The range of this series of range-finding telescopes is defined under the following conditions: 1 The measurement target has a medium reflectivity: such as the wall of a building; 2 The reflection surface of the measurement target is perpendicular to the laser emission direction.
3Measure the weather as clear but not under direct sunlight as much as possible
4 The area of the reflecting surface of the target as far and close as possible (>400m) is not less than 2m*2m