Commander 8X 50 Binocular with 5KM Laser Range Finder

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;

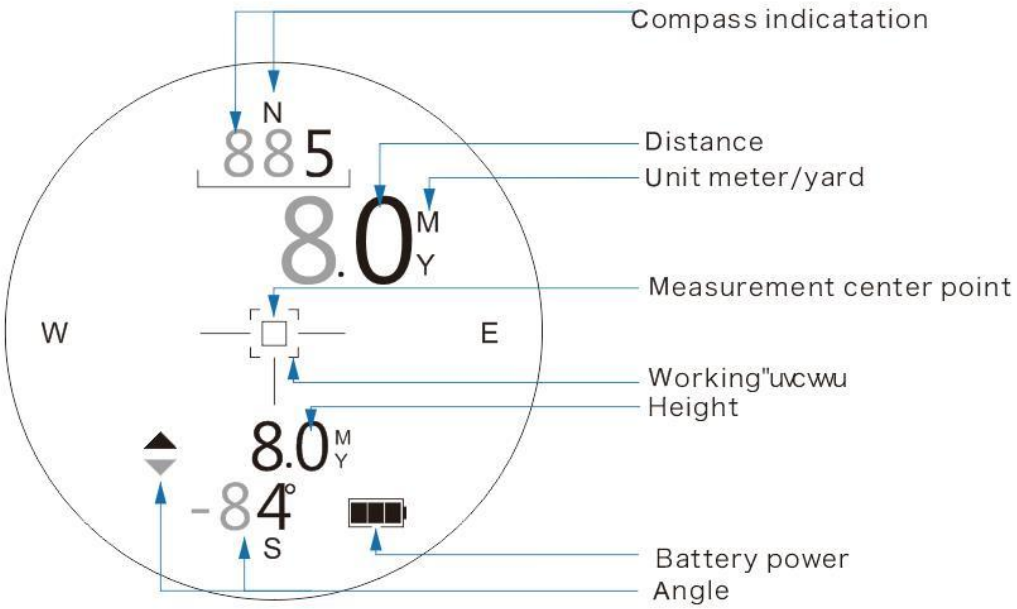
4 The product adds an electronic compass, which can obtain the real-time position of the observation target.

Specification details

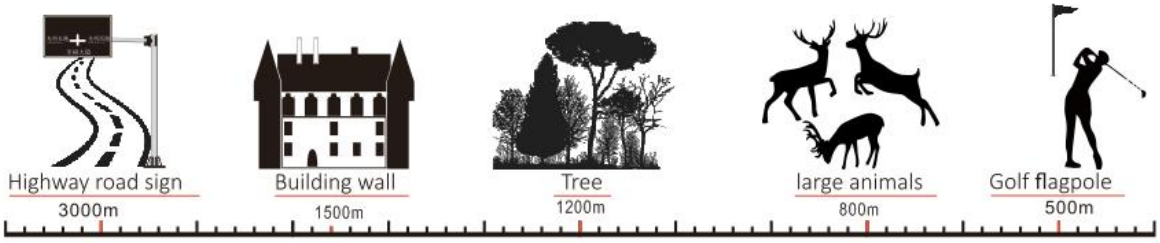
Model		LRB-5000
Performance	Range distance	1m-5000m
	Measurement error	±1m(1-600m)/±2m(600-1000m)/ ±3m(1000-3000m)
	Units of measurement	M/yard
	Screen	High transparency LCD display
	Angle measurement range	±85°
Features	Distance measurement	Yes
	Height measurement	Yes
	angle measurement,	Yes
	meter/yard switch	Yes
	electronic compass	Yes
	measurement method	once
	Automatic shutdown time	30S after no operation
Optical parameters	Optical magnification	8X
	Objective lens diameter	50mm
	Exit pupil distance	17mm
	Exit pupil diameter	4.65mm
	Nearest focal length	2M
	Field of view	8°
	Diopter	±5D
	Eyepiece diameter	19.2mm
Laser parameters	Laser band	905nm
	Security Level	Class 1
	Operating Voltage	3.7V
	Operating temperature	-20℃/+40℃
	interface	No
Appearance	Shell material	PC+glass fiber

parameters	Size (mm)	180X148X68
	Weight (g)	955

LED display indication



Ranger distance



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