

# L1536 Military Laser Range Finder and Target Locator

This is laser range finder which can range up to 10KM. At the same time, it can show the other data for ballistic calculation like pressure, temperature and humidity,etc. GPS and LRF work together to get the position of the target with coordinate information. The coordinates of a target can be put in to search the target and it will prompt on the screen. They are virtually can be applied in armed forces particularly in critical situations, precise distance measurement is essential for reliable firearm targeting.



## Features:

1. Up to 10KM LRF;
2. Auto-Screenshot of the laser ranging;
3. Ballistic calculation data: pressure, temperature, altitude;
4. Target guidance;
5. Target locating ;
6. Preview of the pictures and video;
7. Distance selection: Nearest distance (20 m ~1000 m);
8. Maximum distance (1000 m ~10000 m);
9. Green housing with military design;
10. WiFi for real time streaming;
11. 3.45×~97.59 magnification;



## Specification

### 1. Technical Specifications of visible light

Category	Item	Specification
Detection	Device type	CMOS
	Resolution ratio	1920*1080
	Target size	1/2.8
Optical	Magnification	3.45×~97.59×
	FOV	8.3°×6.7°~0.35°×0°.28
Function	Day and night switch	Black / white / color switch
	Defog	The transmission ratio is 1.5
Coverage	5km identify Medium vehicle (2.3m*2.3m)	
	2km identifies an upright pedestrian (1.8m*0.5m)	

### 2. Laser ranging and laser Specifications

Category	Item	Specification
Ranging performance	laser wave length	1535nm (human eye safety)
	Ranging frequency	1Hz~10Hz is adjustable
	Minimum range	30 Meters
	Maximum range (visibility: 8 Km)	4000m ( for vehicle) 6000m (for large target) <b>8000m ( for vehicle)</b> <b>11000m ( for large target)</b>
	Ranging accuracy	± 2 m
	Quadrant rate	98%
Ranging function	Unit	Metre; Yard; feet
	Distance measurement photo	Yes, 0-5 seconds countdown photo, can be turned off

### 3. Specification of the weather module

Category	Item	Specification
Temperature	measuring range	-43°C~60°C
Humidity	measuring range	0%RH ~100%RH
Pressure	measuring range	200hPa~1100hPa
	certainty of measurement	±1hPa
	Corresponding to the elevation	150 Meters

	error	
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#### 4. Positioning technical Specifications

Category	Item	Specification
Positioning	Positioning mode	GPS / Beidou / glonass
	Self-positioning accuracy	Level 2m (CEP), elevation 5m (PE)
	Target positioning accuracy	Level 20m and elevation 30m
	Coordinate system	Geodetic coordinates / Gaussian coordinates / UTM Mercator / mgrs grid

#### 5. Directed technical Specifications

Category	Item	Specification
Directional performance	Azimuth angle measurement range	0°~360°
	Azimuth orientation precision	0.2° (RMS, host inclination of 0°)
	Range of the pitch angle measurement	-88°~+88°
	Pitch-elevation angle measurement error	≤0.2° (RMS , @-15°~15°)
	Range of horizontal roll angle measurement	-180°~180°
	Roll-over angle measurement error	0.2° (RMS, @ -15° pitch angle 15°)
	Angle unit	Degree, density (6000 Mil), percent degree
declination	Magnetic bias Angle calibration	have

#### 6. Display the technical Specifications

category	Item	Specification
Display performance	Display type	OLED
	Display resolution	1920*1080
	Display size	01 Inch.7
	Exit pupil diameter	7mm
	Distance of exit pupil	22mm
	Diopter regulation range	-5~+5
Split performance	Divide type	Six kinds of
	Divide the color	Black / white / red / blue

Image mode	Visible polarity	Color / black and white
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## 7. External interface, and technical Specifications

Category	Item	Specification
Multifunction data line interface	Analog video interface	CVBS (pal)
	Data Export Interface	U SB
	External power interface	12V (±3V )
	Position the directional equipment interface	R S232
Wifi	Picture transmission and control host	

## 8. Continuous working time Specifications

Category	Item	Specification
continuous work duration	working hours	5 hours (@25°C)
	Battery installation mode	Install at will
	External power supply	Endovirus for 24 hours

## 9. Physical Specifications

category	Item	Specification
Physical	size	195 mm *108mm *75mm
	weight	0.97kg (excluding battery, lens cover, etc.)

## 10. The environmental adaptation Specifications

Category	Item	Specification
Environmental suitability	Levels of protection	IP67
	Working temperature	-40°C~60°C
	Storage temperature	-55°C~70°C
Muggy	+ 30°C ~ + 60°C, 95% relative humidity	3 * 24 Hours