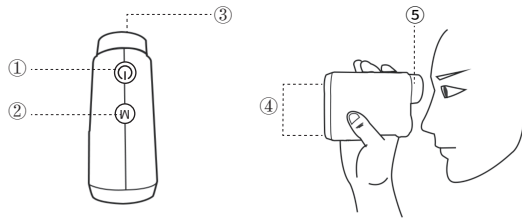


Laser Rangefinder

Introduction

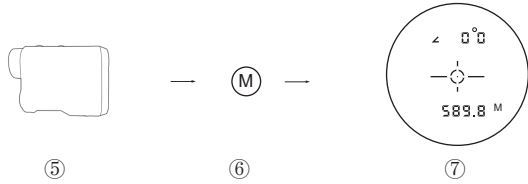
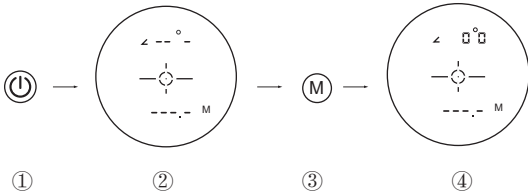
When the device is power off, it is a precise optical telescope, user can adjust eyepiece knob to make it clear.



- ① Power button
- ② Mode button
- ③ Eyepiece
- ④ Objective lens
- ⑤ Eyepiece Knob

Angle Calibration

The device need to be calibrated when the angle is inaccurate. Operating on a horizontal platform or a tripod which horizontal angle has been adjusted.



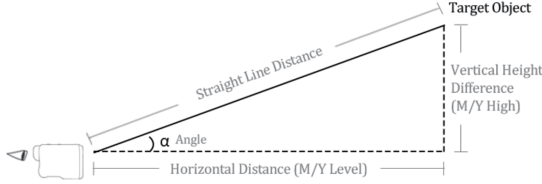
- ① Power on
- ② Press mode button to switch to ranging mode
- ③ Long press mode button
- ④ Angle flash
- ⑤ Release mode button
- ⑥ Long press mode button again to calibrate
- ⑦ Angle will be 0°0 next time you measure under horizontal status

Switch Unit Button

It has two unit: Yard (Y) & Meter (M), default unit is Yard (Y). Long press Power button & Mode button together to switch the unit.

Working Principle

The Rangefinder uses a safe 905nanometer laser that is safe for human eyes, invisible and meets the standard of Class I. First, calculate the time from beam to the return after encountering the target object. Second, multiply the time and the speed of the light together, then divided by 2 to obtain the distance of the target object.



Product Parameters

Angle Ranging Scope	-90° to 90°
Laser Safety	Class1, Laser Wavelength 905nm
Power Supply	Rechargeable Lithium Battery
Magnification	6.5X
Field Of View	6.5°
Objective Lens Diameter	24MM
Eyepiece Lens Diameter	13.2MM
Ranging Error	±0.5M/Y (Distance<700M/Y)
Focusing Mode	Manual Focusing Eyepiece
LCD Display	Transmission LCD Display
Exit Pupil Diameter	3.1MM
Lens Quality	Multi-Coated
Ranging Method	Semiconductor Laser Ranging

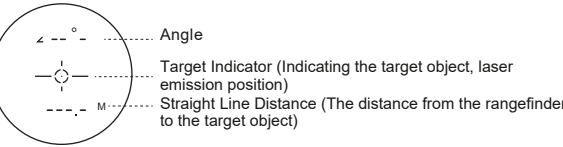
Attentions

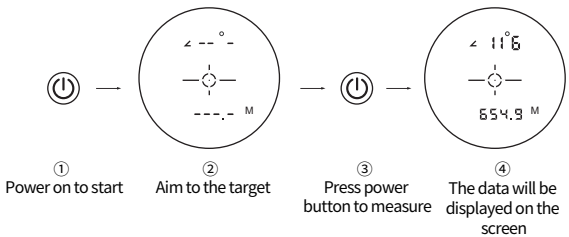
- When you begin to use the rangefinder, please rotate the eyepiece knob to make the view clear. If you wear eyeglasses sometimes, please also adjust the view before using it.

- Please keep in mind that water droplet in the air may interrupt the transmission of laser. So avoid using the rangefinder on rainy days or foggy days, otherwise the measurement may be inaccurate.
- Some surfaces do not reflect laser as well as others, the max range to these surfaces may vary accordingly.
- The minimum range is 5 Yards, so avoid measuring in small rooms, you can not get readings less than 5 Yards.
- Please use standard battery/ standard charge in right way.
- Do not view the emissions for long periods of time with magnified lens.
- Do not put the device out of the storage temperature of -20~50°C.
- Avoid direct sunlight to the eyepiece to avoid damaging the eyepiece display/internal components. Put it in a protective case when you are not using it.
- The device will power of if there is no operation after 30s. Please do not long press or press power button again and again.

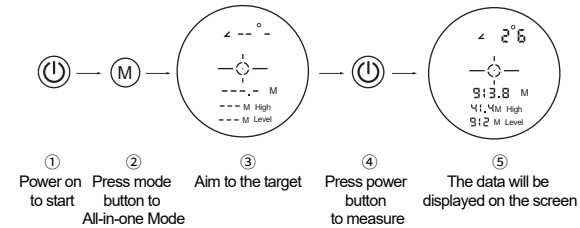
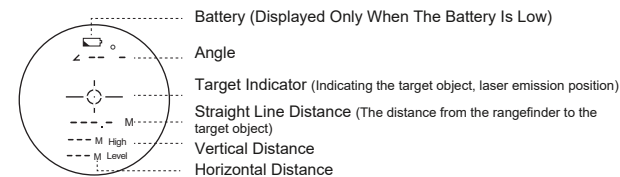
Measurement Mode & Operation

Mode 1. Ranging Mode
Measure the distance from rangfinder to target

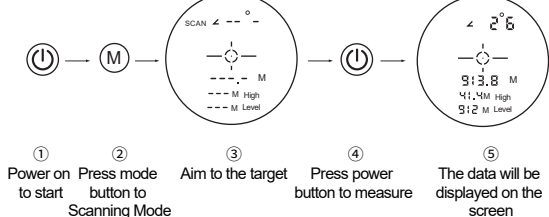
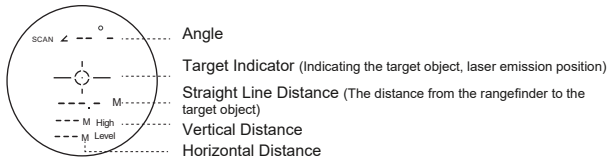




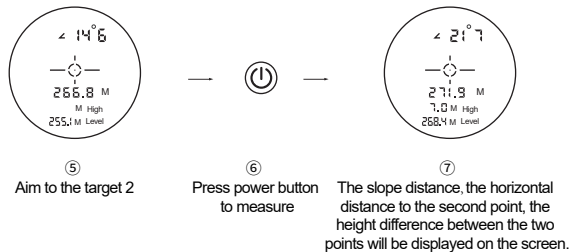
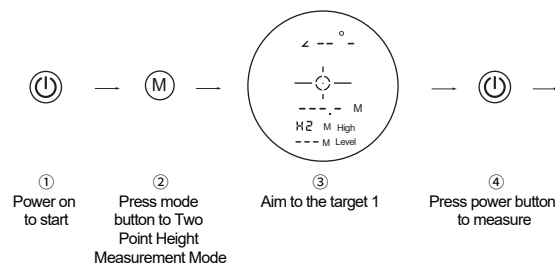
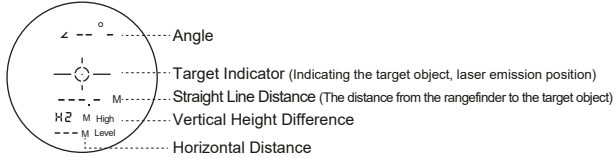
Mode 2. All-in-one Mode
Measure the straight line distance, angle, vertical distance & horizontal distance.



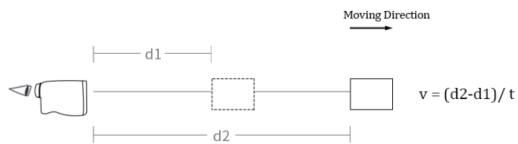
Mode 3. Scanning Mode
Continuous measure straight line distance, angle, vertical distance & horizontal distance



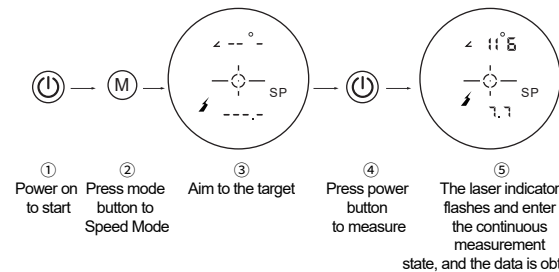
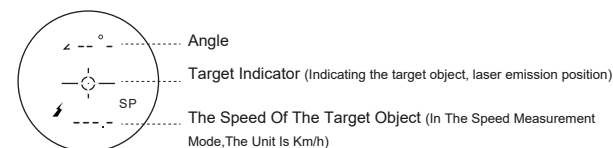
Mode 4. Two Point Height Measurement Mode
This mode can measure the vertical height difference between two targets



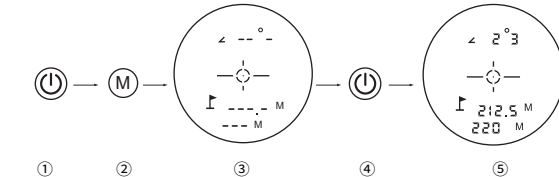
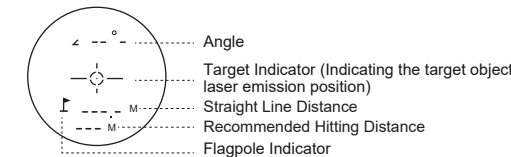
Mode 5. Speed Measurement Mode



Speed mode can measure the speed of the target object moving in radial motion. The speed of the target object moving in parallel cannot be measured because the distance from rangefinder to target has no change.



Mode 6. Golf Distance Compensation Mode



- ① Power on to start
- ② Press mode button to Golf Mode
- ③ Select the target object and aim the target indicator at the target object
- ④ Long press the power button to enter the scanning Mode (Aim at the slope/back ground behind the flagpole)
- ⑤ Move Target Indicator from background to flagpole slowly The flagpole is locked successfully, The flagpole flashes and displays suggest hitting distance

You can also aim at the flag and short press power button directly to measure if you do not use the flag lock function.

When slope is positive, play distance will be greater than sight distance.

When slope is negative, play distance will be less than sight distance.

Storage Function

