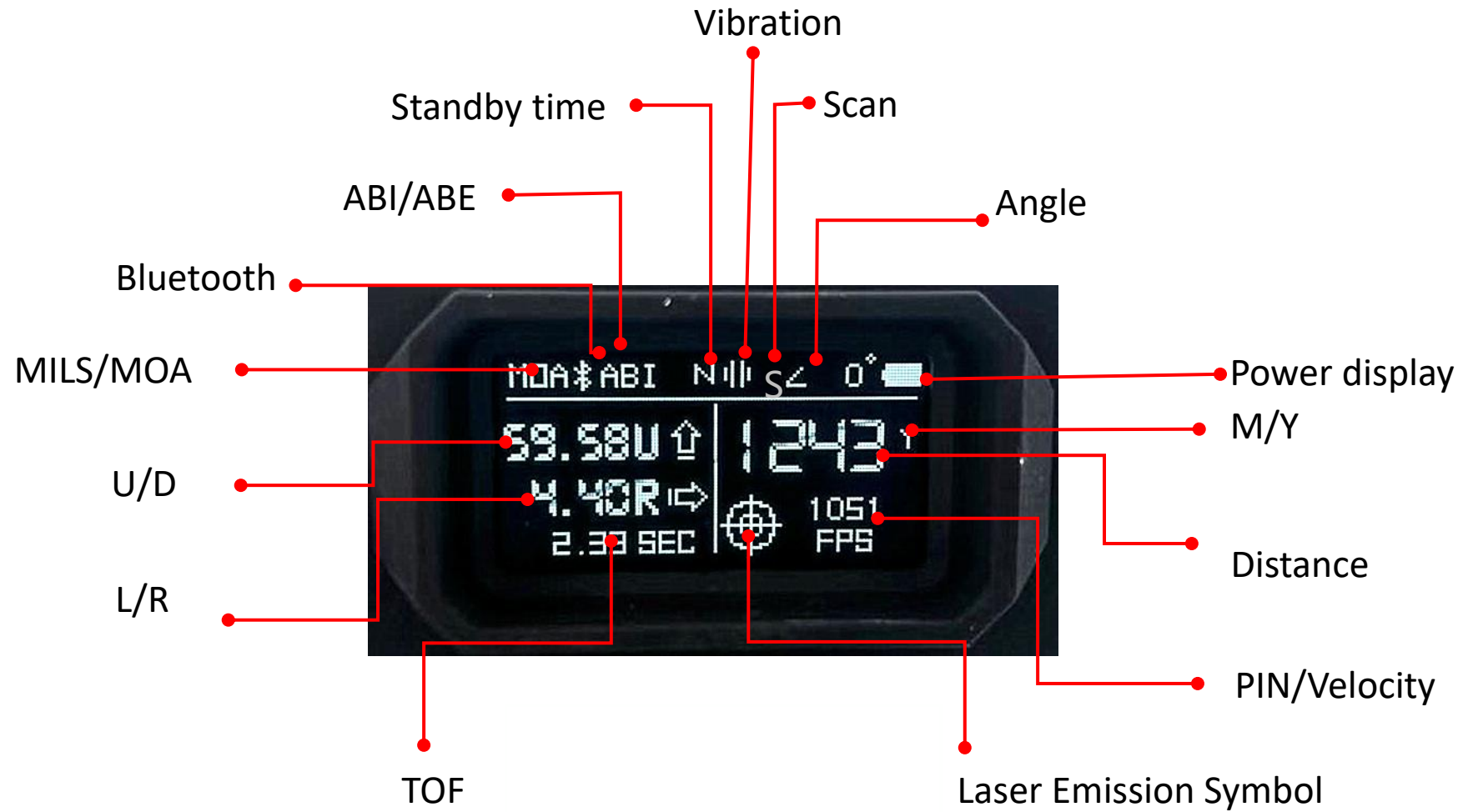


A grayscale photograph of a forest clearing. In the foreground, a rifle with a large scope is positioned on the right. To its left are various pieces of gear, including a bag and boxes. One box is labeled 'FEDERAL PREMIUM' and '300 WIN'. Another box has 'GOLD MEAT BINDER' written on it. The background shows a dirt path leading into a dense forest of tall trees.

BALLISTIC RANGEFINDER

Quick operation manual

Display content

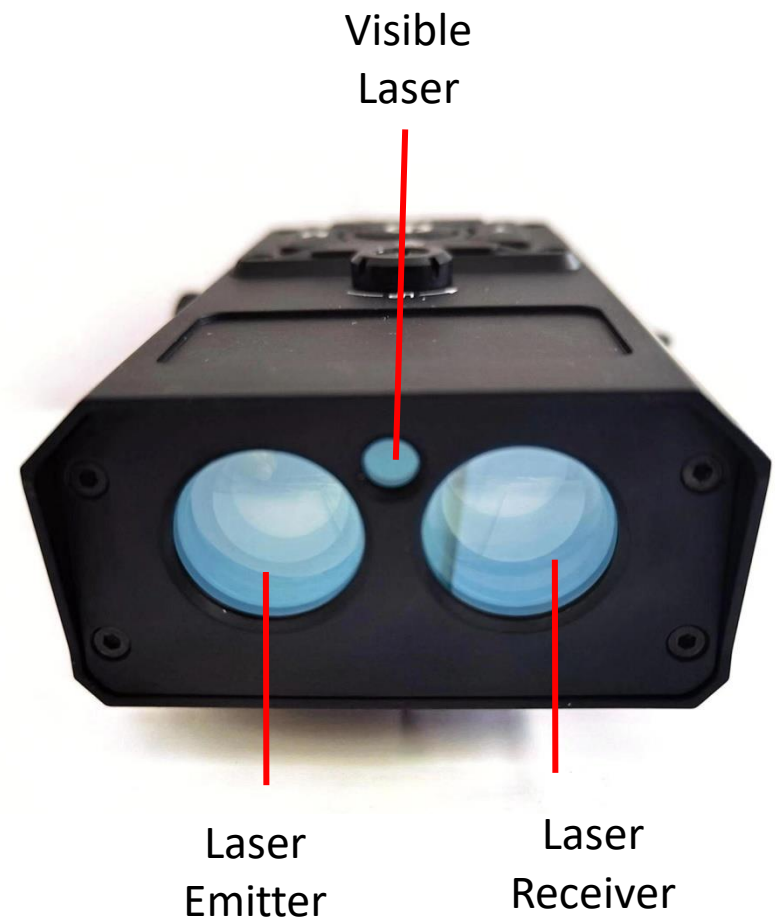
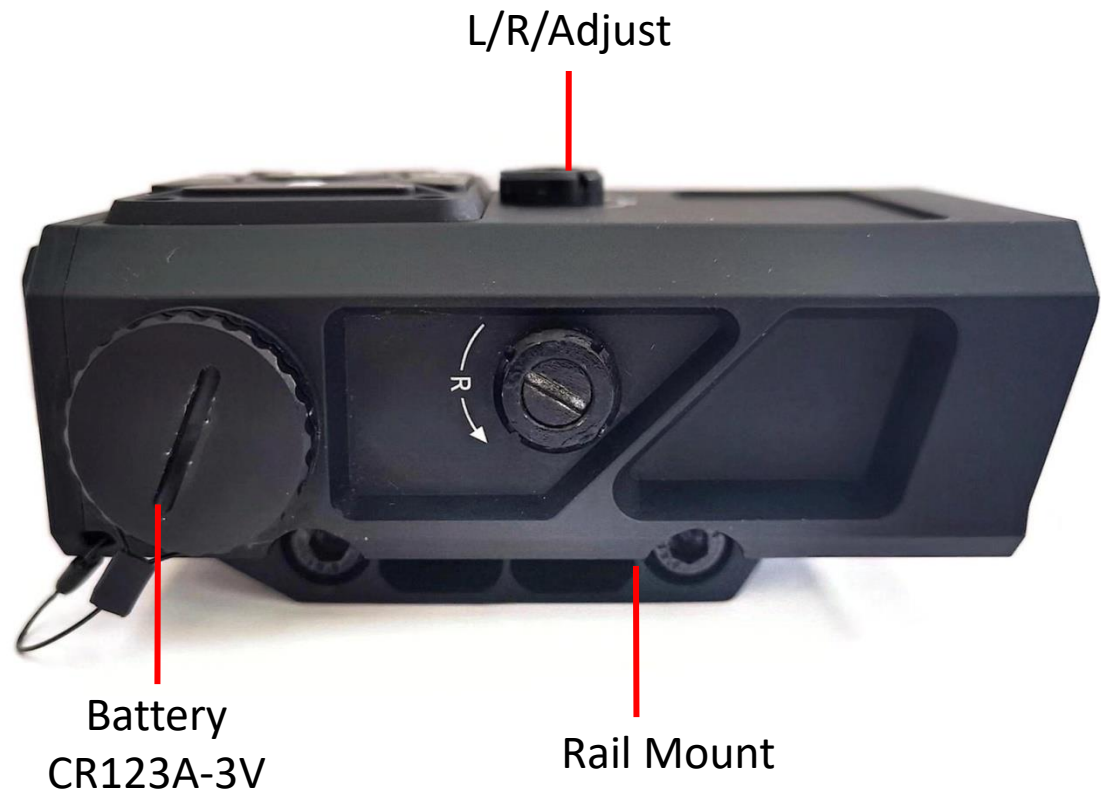


Key description



Wire control buttons

Structure specification



Structure specification



Wire connection interface



As shown in the figure

Install the aviation plug in the direction indicated by the plug as shown in the picture! ! !

Structure specification



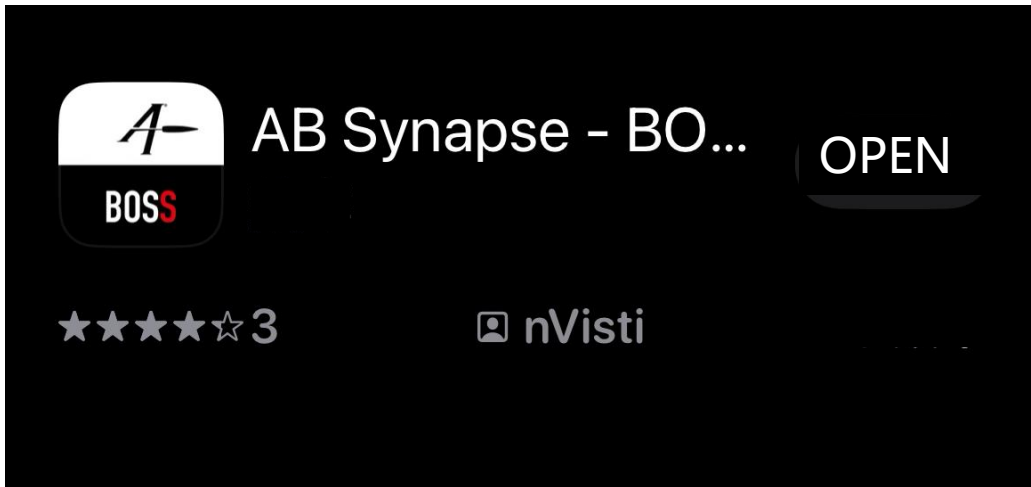
Install the aviation plug in the direction indicated by the plug as shown in the picture. Please find the **correct direction** of the pins and the holes !!!

Download APP

1. Download APP

Apple user searches for "AB Synapse-BOSS" in the App Store and downloads the installation, as shown in Figure 1

Android users can search for "AB Synapse-BOSS" in Google Play to download and install, as shown in Figure 1 after successful installation.



BOSS App connect to the ballistic rangefinder

2. BOSS App connect to the ballistic rangefinder

Power on the ballistic computer : Long press the switch button  for 2 seconds

- 1) When the product is on, click the BOSS App to enter the interface as shown in Figure 2,
- 2) select "I accept the agreement", click "Accept" to enter the interface as shown in Figure 3,
- 3) Access the location information and select "Allow" to enter the interface as shown in Figure 4
- 4) Click "PAIR DEVICE" to enter the interface as shown in Figure 5
- 5) Click "LRF-0000" to enter the matching interface as shown in Figure 6,
- 6) "PIN code" appears at the lower right corner of the product and "34 PIN" is displayed as shown in Figure 7
- 7) Input two digits into the APP as shown in Figure 8
- 8) Click "OK" to enter the interface as shown in Figure 9, and click "CONTINUE" to enter the interface as shown in Figure 10, indicating that the connection is successful.

BOSS App connect to the ballistic rangefinder



Figure 1

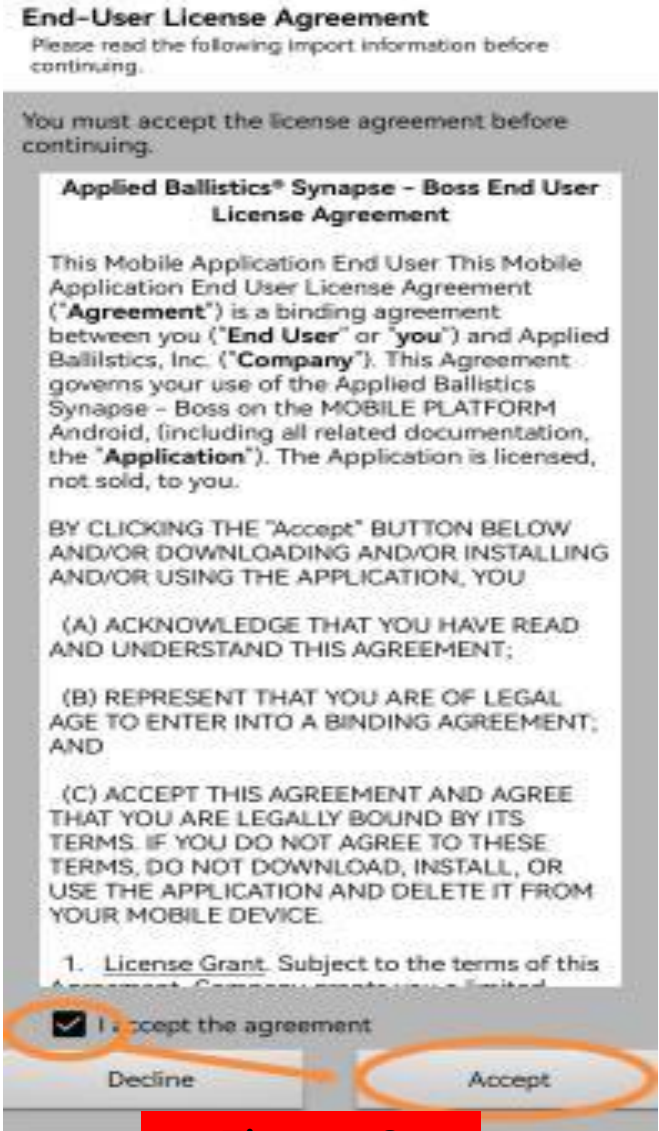


Figure 2

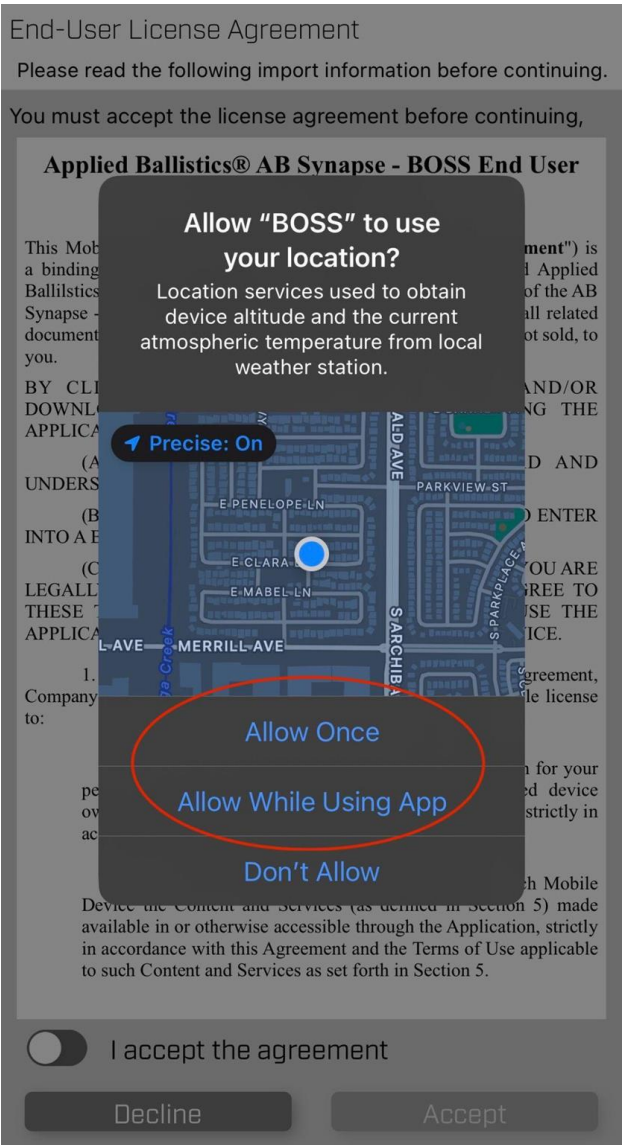


Figure 3

BOSS App connect to the ballistic rangefinder



Figure 4

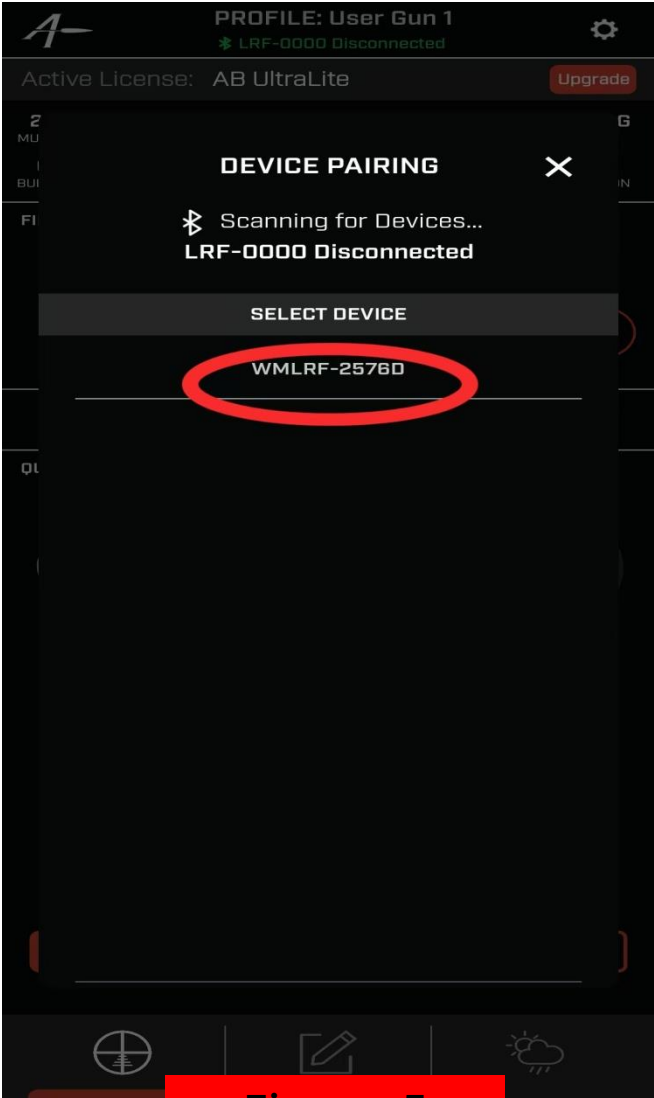


Figure 5

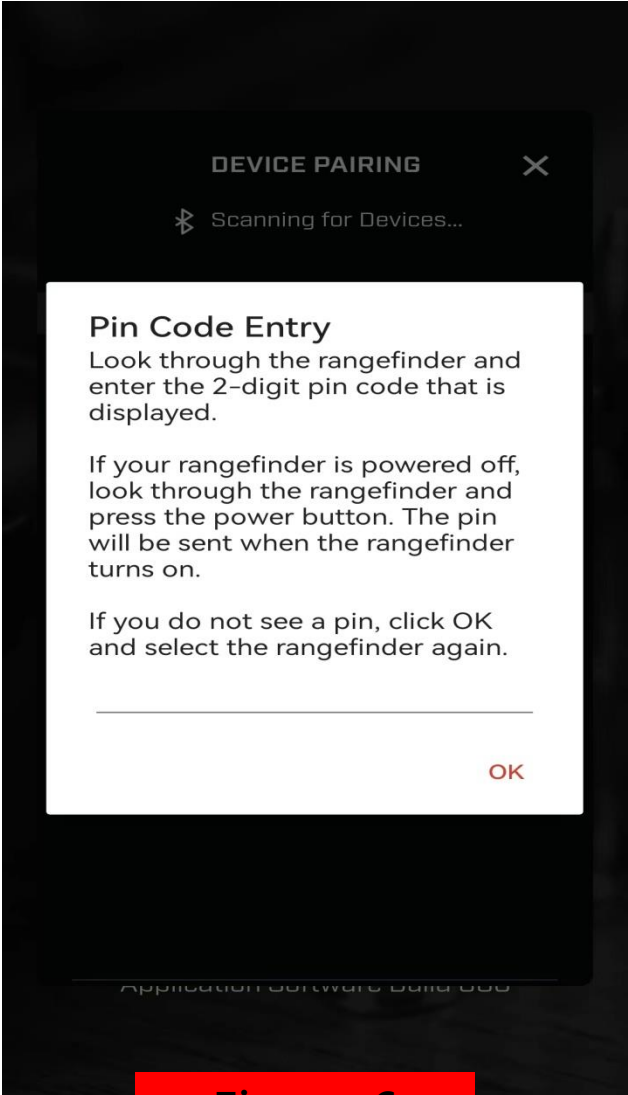


Figure 6

BOSS App connect to the ballistic rangefinder



Figure 7

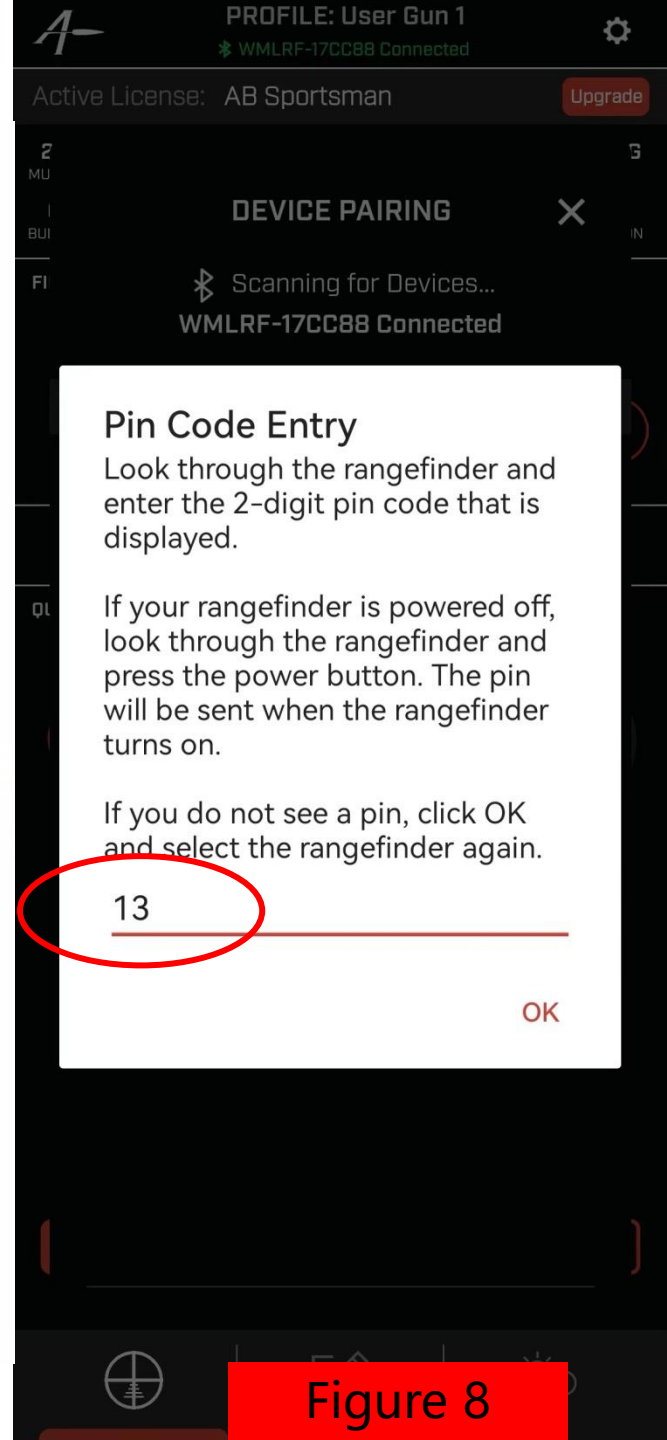


Figure 8

BOSS App connect to the ballistic rangefinder

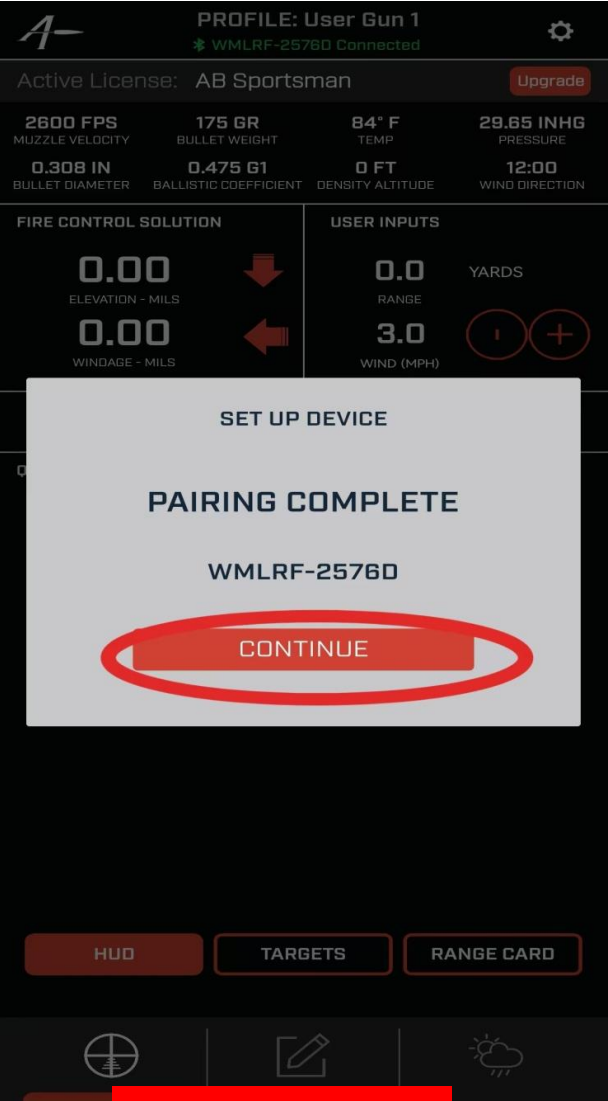


Figure 9



Figure 10

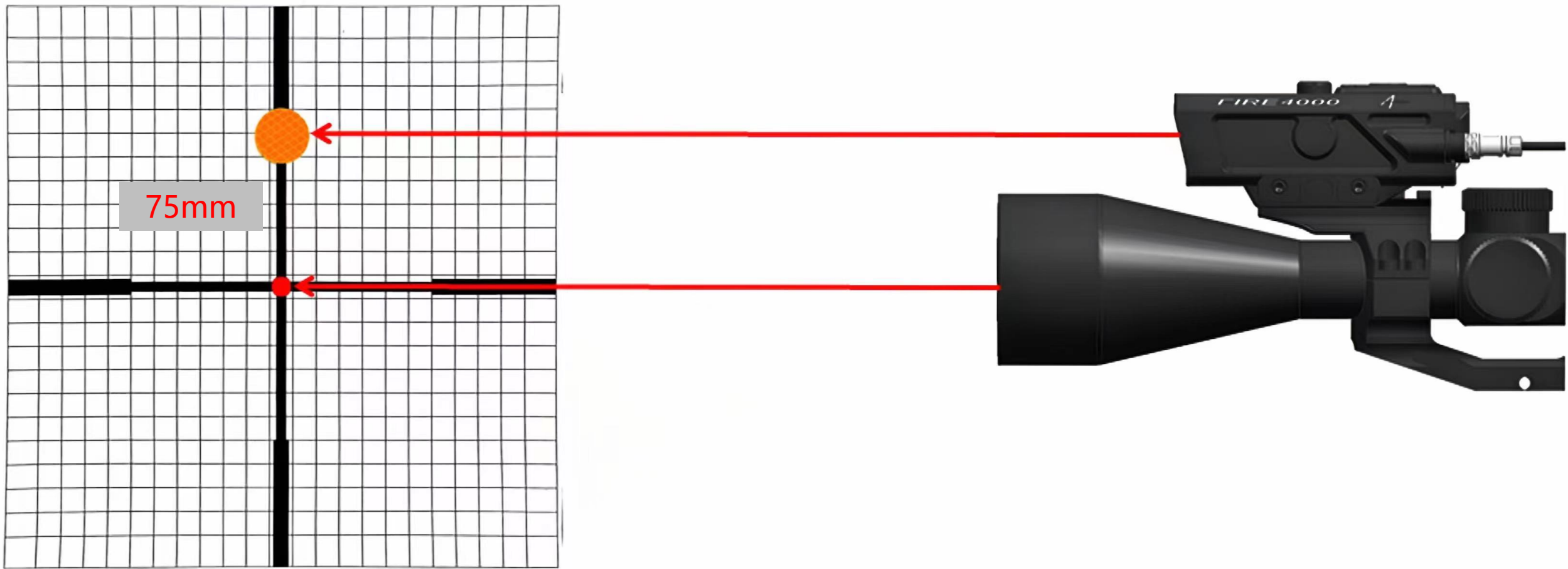
Key operation instructions

Operation instruction

1. It is recommended to zero the sight at 100 yards
2. Install ballistic computer after sight zero
3. Measure the distance from the center of the scope to the center of the red, and paste a circular sticker
4. Attach the target paper to the 100-meter target
5. Align the cross of the scope with the cross of the target paper
6. Adjust the trajectory computer to align the red laser point with the center of the circular high-reflection sticker on the target paper.

3. Measure the distance from the center of the scope to the center of the red laser, and paste a circular sticker

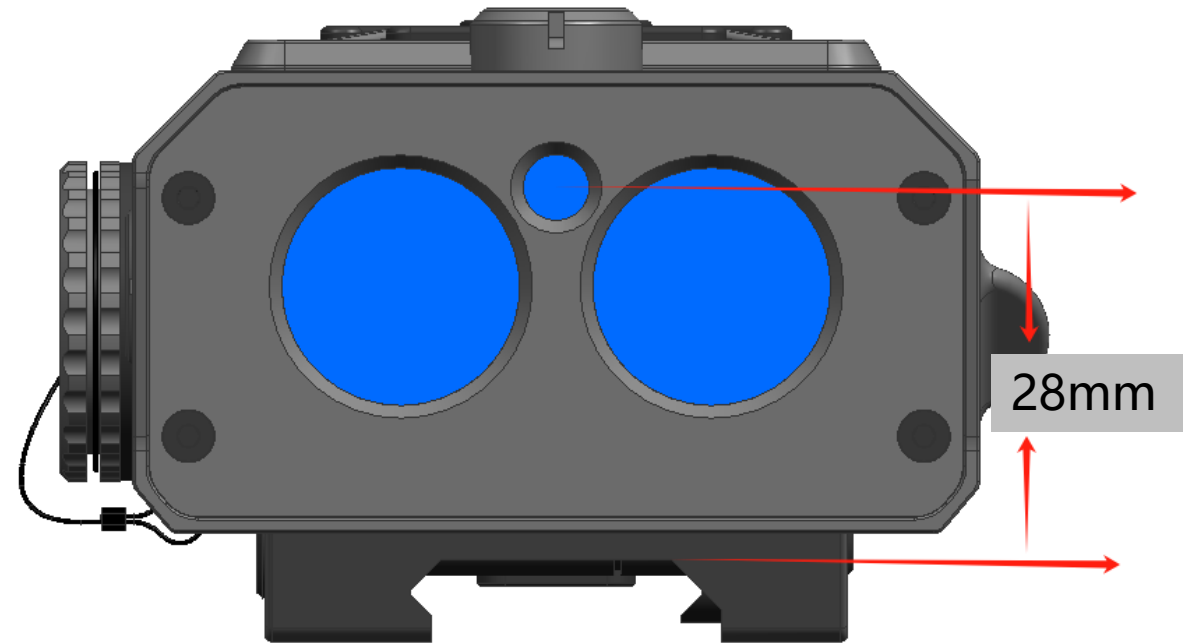
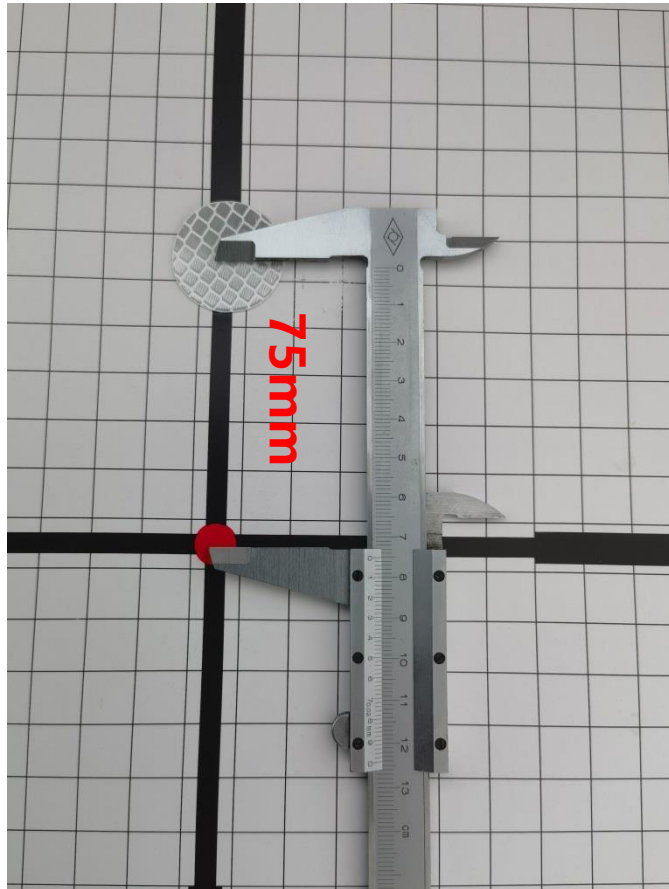
The customer measures the height according to the mounted scope, such as this 4-16X50, The height is 75mm .



Stick round reflective stickers

Measure the corresponding height on the target paper and attach a circular reflective sticker

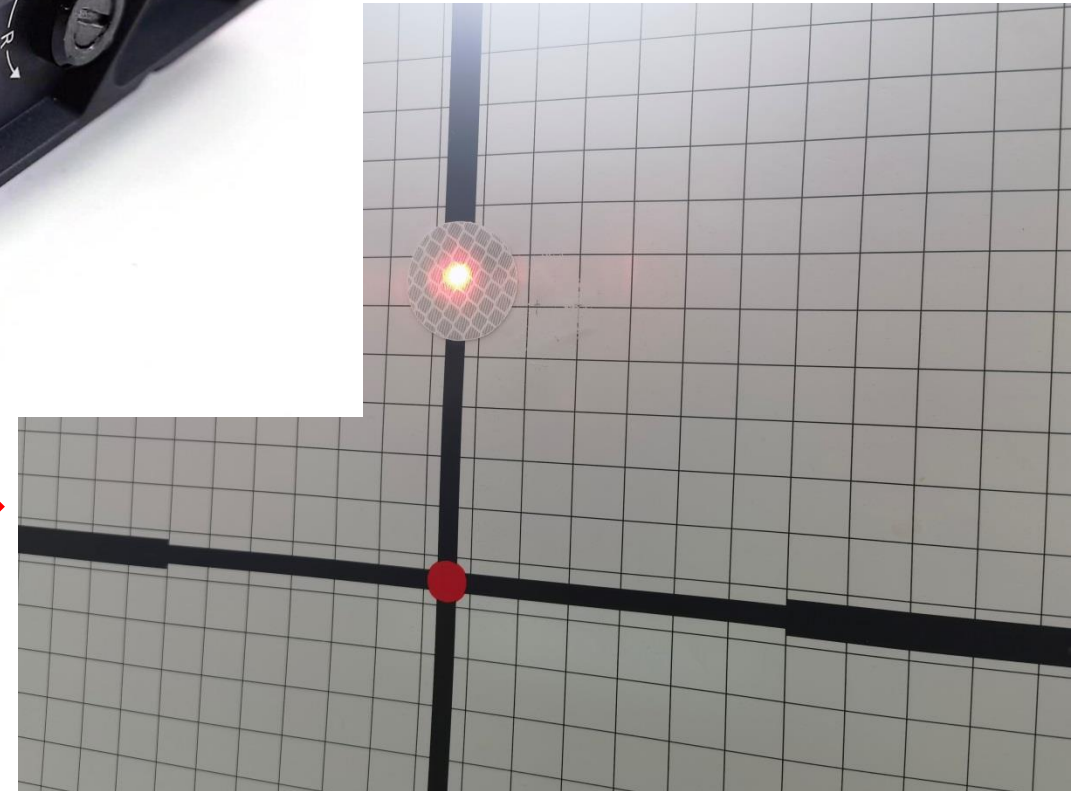
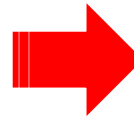
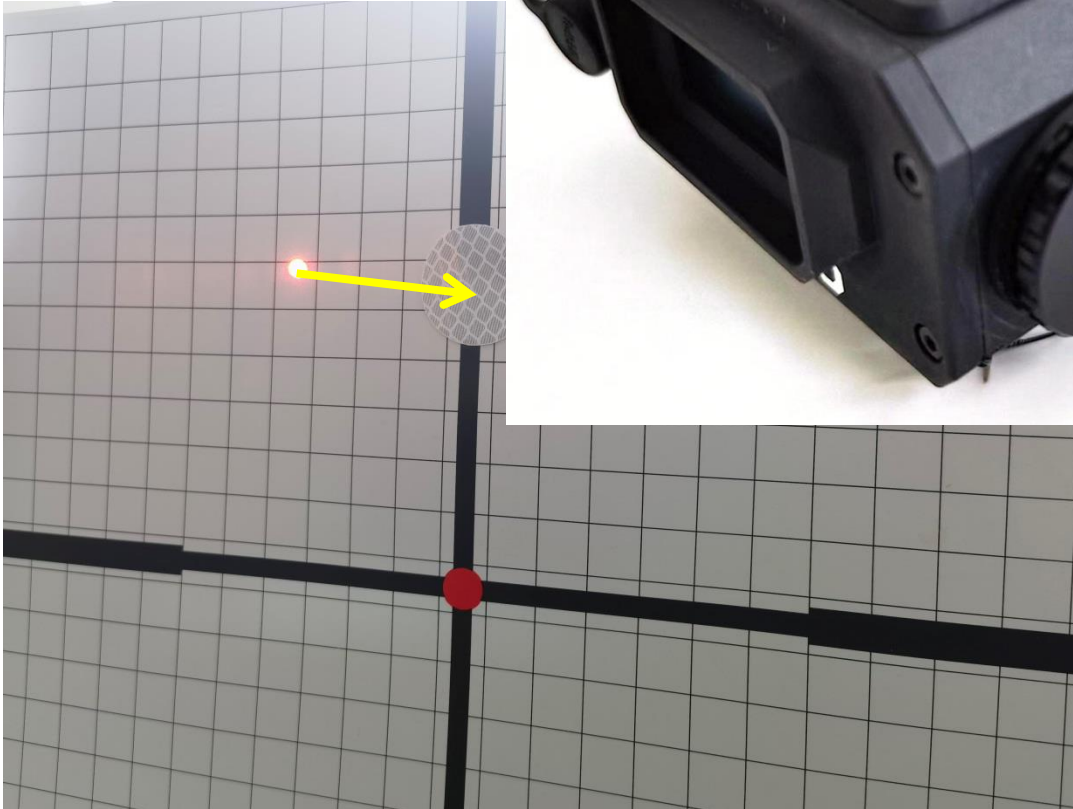
Note: Different scopes have different heights!



Red laser adjust



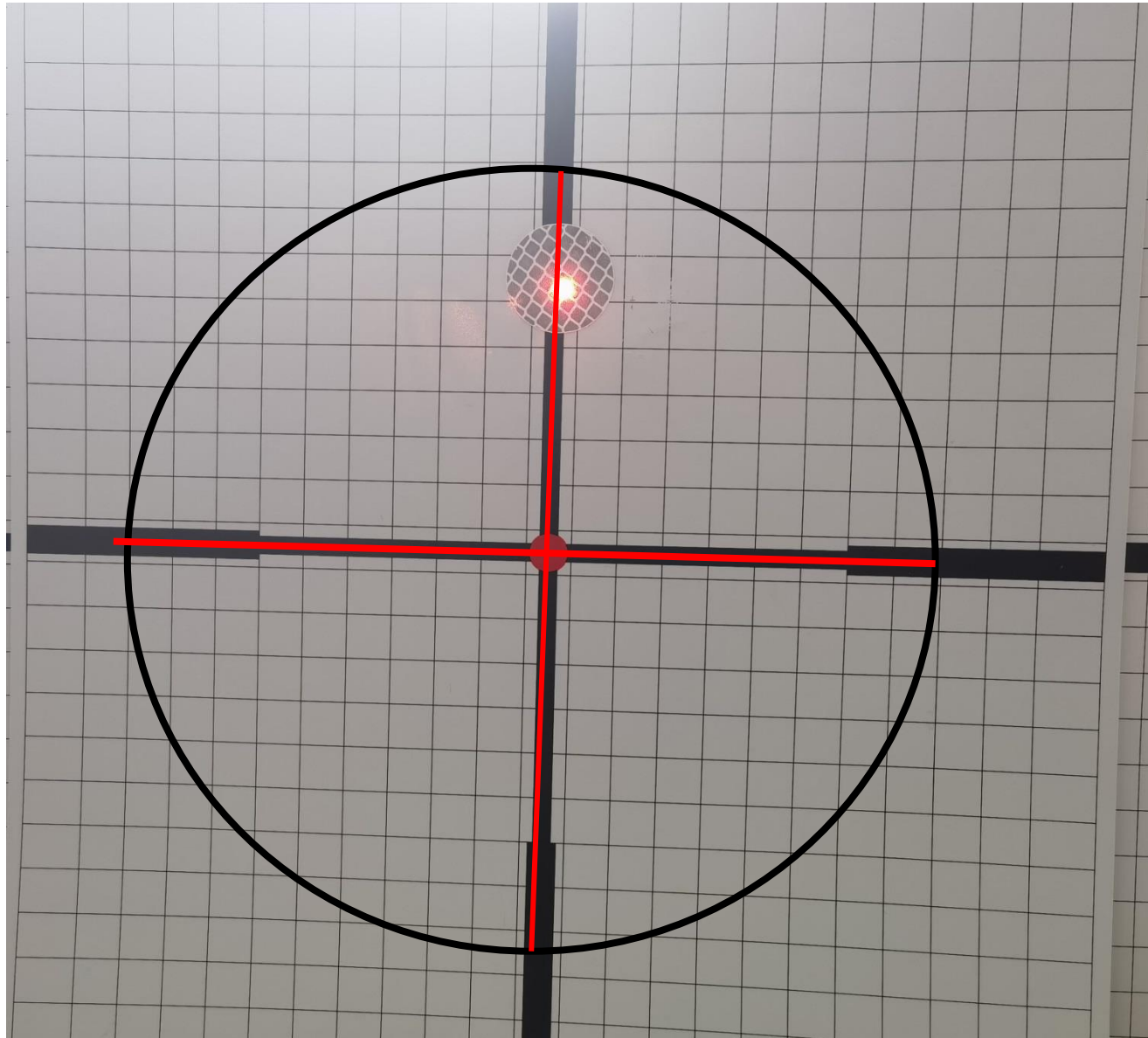
By adjusting the up and down , left and right adjustment wheels of the ballistic computer, the position of the red visible laser is changed to make it coincide with the highly reflective circular target paper



5. Adjust the Ballistics computer to align the red laser point with the center of the circular high-reflection sticker on the target paper.

Red laser adjust

**Adjust the accurate
sight image**



Operation instruction

Key definition and operation instructions

Battery Model : CR123A 3V

Installation : Battery "+" facing inward, "-" facing outward.

Suggestion : it is better to take off the battery when you are not using the ballistic rangefinder for a long period of time.



Key definition and operation instructions

Battery Model and installation: Model: CR123A 3V Installation: Battery "+" facing inward, "-" facing outward

Key Features

1.)  Switch the button

Power on : Long press the switch button for 2 seconds, and the display screen will light up

Shutdown: Press and hold the switch button for 2 seconds to turn off the display screen

After starting up, press the on key to enter the measurement interface:

Single measurement: Press the switch button once for a single measurement

Continuous measurement: Double-click the switch button to enter the continuous measurement, short press the switch button to stop the measurement

2.) M button:

Short press M/Y unit conversion between Meter and Yard.

Long press for 2 seconds: Switch between ABI and ABE

3.) D button:

Short press for the screen brightness.

Long press for 2 seconds for adjust the 1-2-3 cycle to switch screen direction.

Note: When the screen direction is adjusted from Horizontal to Vertical direction, it has to be changed the 100yds returns to zero again. The position of the circular sticker will change accordingly with the center line of the scope. Please adjust the position according to the actual situation! ! !



ABI and ABE mode

ABI



ABE



ABI means AB Inside mode, and it has the AB apps inside and after the device measure the distance, it would calculating the ballistic figure in order to show to you the complete solution.

ABE means AB External mode, it is only distance measuring mode, and it can connect to the wind meter that has AB apps (KESTREL anemometer or GARMIN watch) , and the calculation is transmitted via Bluetooth to the device.

ABE mode

M button : Long press for 2 seconds: Switch from ABI to ABE mode.

When the device is in ABE mode, turn on your Kestrel wind meter and also turn on the Bluetooth to search our device by S/N number and connect it.

P.S. Choosing the Kestrel wind meter model that must has Applied Ballistic apps feature.




DEVICE S/N No.




4.) T button : Short press to adjust standby time (3 minutes -10 minutes -15 minutes - N no sleep) and cycle in sequence.

Long press for 2 seconds :
Vibration **off** (the vibration is **on** from the original setting).

5.)  Button : Short press for visible laser beam on/off. The visible laser beam is 635nm laser class II. It is only for zero use.

P.S. For the measure there is an invisible laser (905nm class I). It is measuring up to 4000 yards in high reflective target, and measuring up to 2000 yards for Tree and other objects.

Product Specifications	
Technical Data	Performance Parameter
Model	FIRE 4000
Measuring Range	4000 yards (Highly reflective target)
Range for Tree	2000 yards (tree)
Range for Animal	1500 yards (animal)
Range of Blind Spot	4 yards (blind spot)
Laser type	Class 1
Measurement Accuracy	±1
Angle Measuring Accuracy	±0.5°
Angle Range	±90°
Communication method	Bluetooth
Wavelength	905nm (laser class 1)
Launching caliber	18mm
Receiving caliber	18mm
Divergence angle	2mrad
Battery	CR123A, 3V
Waterproof	IP67
Operating Temperature	-10°C-50°C
Distance display increment	1M/YD
Laser Pulse Duration	10-100ns
Dimensions	111x75x47mm
Product Weight	420g
Automatic turn off time	3, 10, 15 minutes and non stop



◀ Quick operation manual ▶

THANK YOU