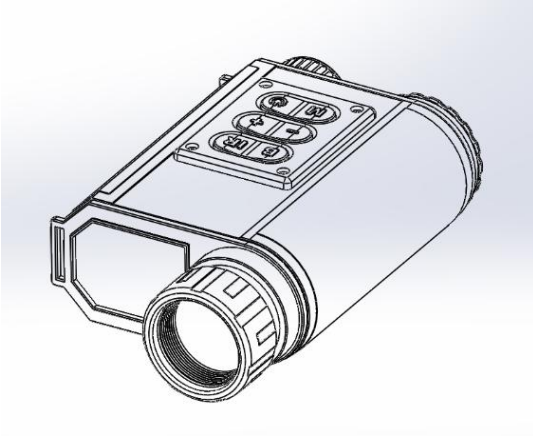# Laser Ranging Night Vision

operating instructions

Multifunctional Laser ranging night vision 200m with distance measurement 500m. The optical amplification system is 6x32, suitable for viewing wildlife at night, fishing & hunting usage.
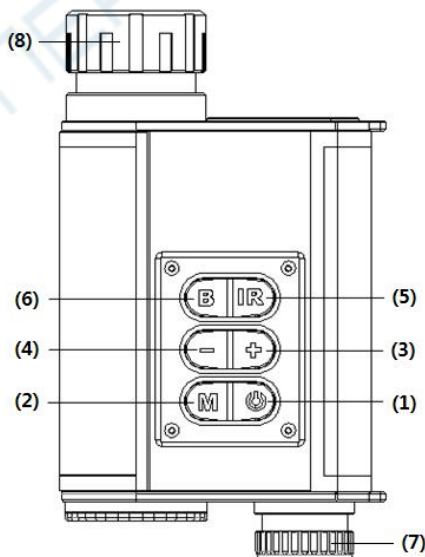

Feature：

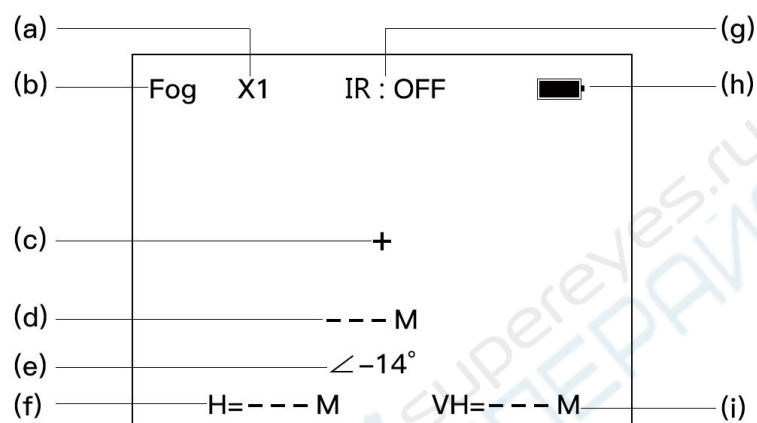| Laser rangefinder	500m	Eyepiece Dia.	32mm	FOV	6°
Night vision	200m	Battery type	AA x4	Sensor resolution	720*480
Angle display	+/-90°	Battery life	2 hours	Display resolution	480*240
Magnification	6X	Weight	398g	Strength of LED IR	1W
Digital magnification	4X	Dimension	175*100*51mm	IR wavelength	850nm

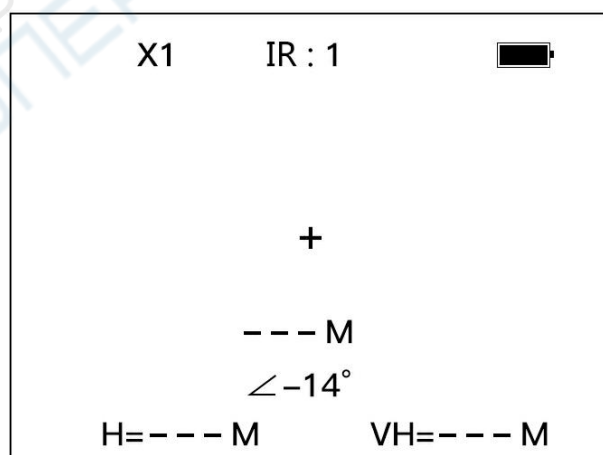**Introduction**
1. Components introduction

(1) ⏻   Power key: ON/OFF or   Ranging.

(2) **M**   Mode key: Function Switch

(3) ✚ key: Digital magnification plus or Increase the brightness of the brightness adjustment function.

(4) ➖ key: Digital magnification minus or Reduce the brightness of the brightness adjustment function.

(5) **IR**   key: ON/OFF and adjust the infrared light.

(6) **B**   key: ON/OFF Brightness adjustment function.

(7) Eyepiece

(8) Objective

2. Screen Display:

(a) ──────────────── (g)

(b) ──── Fog   X1   IR : OFF   ▬▬ ──── (h)

(c) ──────────────── ✚

(d) ──────────── – – – M

(e) ──────────── ∠–14°

(f) ──────── H= – – M   VH= – – – M ──── (i)

(a) Digital magnification   (b) Fog mode

(c) aim point   (d) Measured data display

(e) auto angle display   (f) horizontal distance display

(g) IR LED status display   (h) Battery power display

(i) Vertical height display comparing to horizontal distance

X1   IR : 1   ▬▬

✚

– – – M

∠–14°

H= – – M   VH= – – – M

3. Operating Instructions

1)Boot: Long Press ⏻ key to boot.

2)Shutdown: Long Press ⏻ key 3 seconds to shutdown.

3)Scenery observation

a）Boot

b) Adjust the (7) Eyepiece to get the sharp images.

c) Adjust the (8)objective focusing to get the sharpest image.

d)Digital magnification will be implemented by pressing ➕ or ➖ ranged at 1X to 4X.

4. Screen brightness adjustment

Press **B** key to open the screen brightness adjustment.

Press ➕ key increase the brightness.

Press ➖ key reduce the brightness.

```
X1        IR : OFF        ▬


          +


BRIGHTNESS
▬▬▬▬▬▭▭  39
```
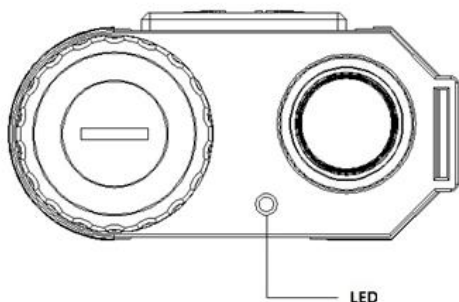
4. Infrared illumination adjustment

Press **IR** key to open the Infrared illumination adjustment.

press **IR** key again, the Infrared illumination will cycle from IR1, IR2, IR3, OFF.

When the infrared light to on, the screen will display the corresponding . See 2-(g)

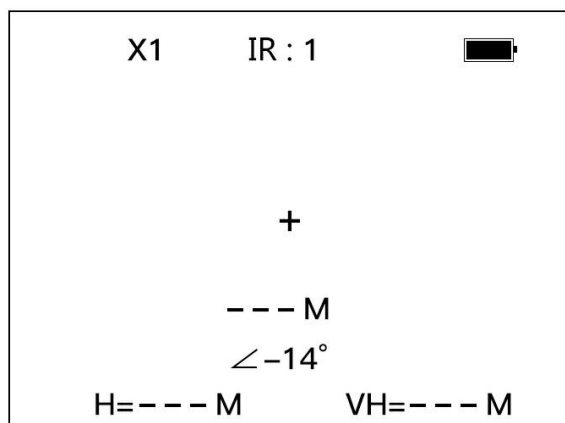Rear fuselage led light will turn on together.

LED

5. Ranging Mode selection

Press **M** key to select the normal ranging mode and fog mode.

Normal ranging mode

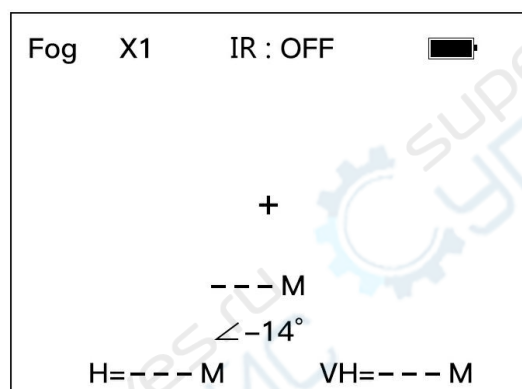Press ⏻ key to start continuous distance, press again to stop.

```
X1        IR : 1              ▬▬

              +

           – – – M
           ∠ –14°
H= – – – M           VH= – – – M
```

Fog Mode

Fog mode can handle the interference caused by fog.

Press ⏻ key to start measuring the distance .

Target distance must be > 25m。

```
Fog   X1      IR : OFF         ▬▬

              +

           – – – M
           ∠ –14°
H= – – – M           VH= – – – M
```

6. Parameter settings

a)Long press **M** to enter the parameter setting mode.

b)Short press **M** to Select Parameters.

c)Short press ⏻ to changing parameters Unit.

d)Long press **M** to exit parameter setting.

1. OSD Color：

1- Yellow 2- Green   3-Red   4-Blue   5-White   6-Black

2. Power OFF:

      5 to 40 mins with 5 mins in between

3.scan mode:

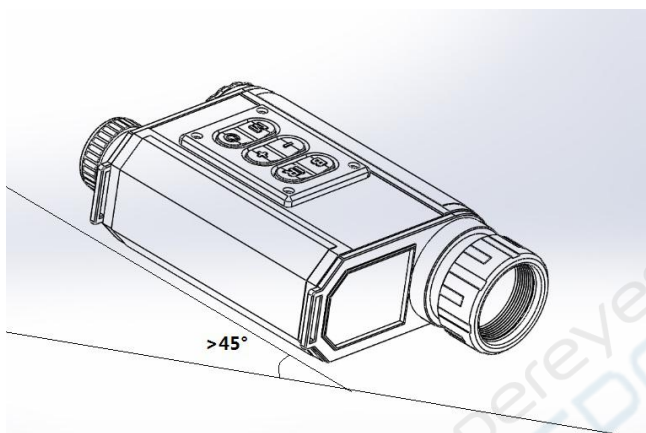   1 min to 10 mins or always

4. Distance Unit：

      M or Yd

5.Rangefinder on/off

7.Button backlight

For easy to use in dark environments, and to prevent disclosure, the backlight will be

turned on when the product facing downward> 45 °and press any key.

>45°

8.Battery Replacement

When the battery icon 2-(h) starts flashing, please replace battery. After battery is
inserted right, please tighten battery cover.