

CY900

HENBAKER

BUILT IN RANGEFINDER



OPERATION
MANUAL



HENBAKER

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Important Note



1. Do not look directly at the IR infrared fill light at close range, otherwise it may cause harm to the eyes!
2. The infrared light of this product will accumulate a large amount of energy when turned on. It is strictly prohibited to aim at flammable objects at close range, otherwise it may cause a fire. When not in use, please turn off the IR infrared fill light!
3. Please use a lithium-ion rechargeable battery with a rated voltage of 3.7V!
4. Do not open the casing without authorization. If a malfunction occurs, please contact the manufacturer in a timely manner. Otherwise, it will be considered as a waiver of warranty service.



Standard configuration



Box



Instructions



Data cable



Battery



Mount



- 1 Video recording/menu
- 2 Digital zoom/picture in picture
- 3 IR brightness/color mode
- 4 Distance measurement/WIFI
- 5 Photo mode/red dot
- 6 Power on/off/sleep mode



1

Short press: record video
Long press: Start menu



2

Short press: Digital zoom
Long press: Picture in Picture



3

Short press: IR brightness
Long press: Color mode



4

Short press: Distance measurement
Long press: WIFI



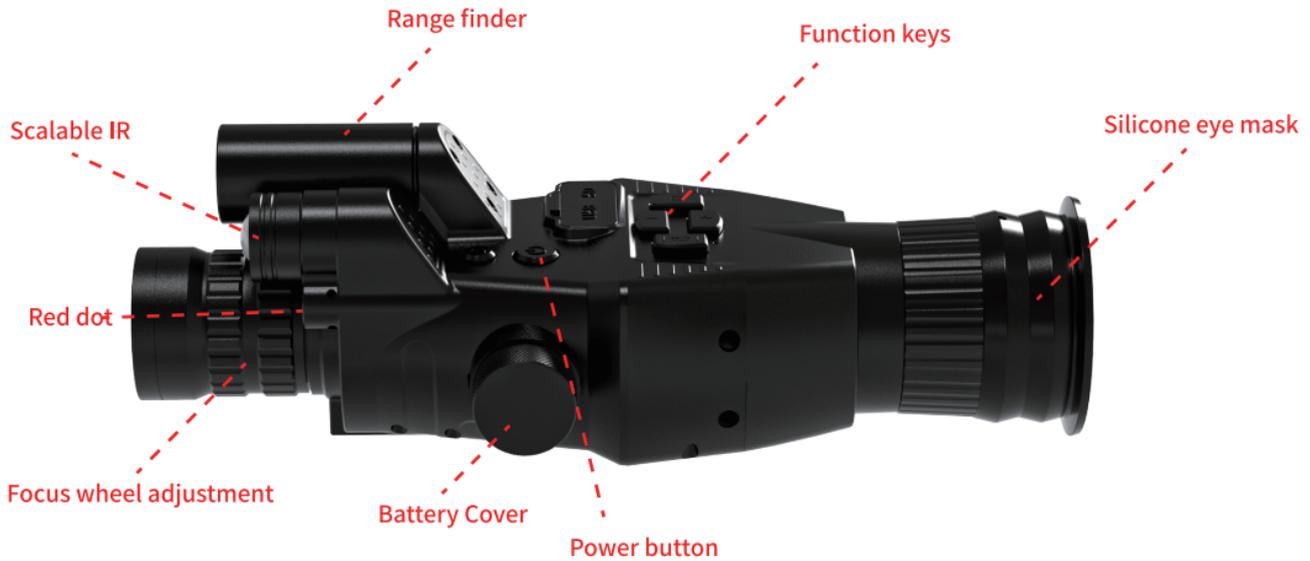
5

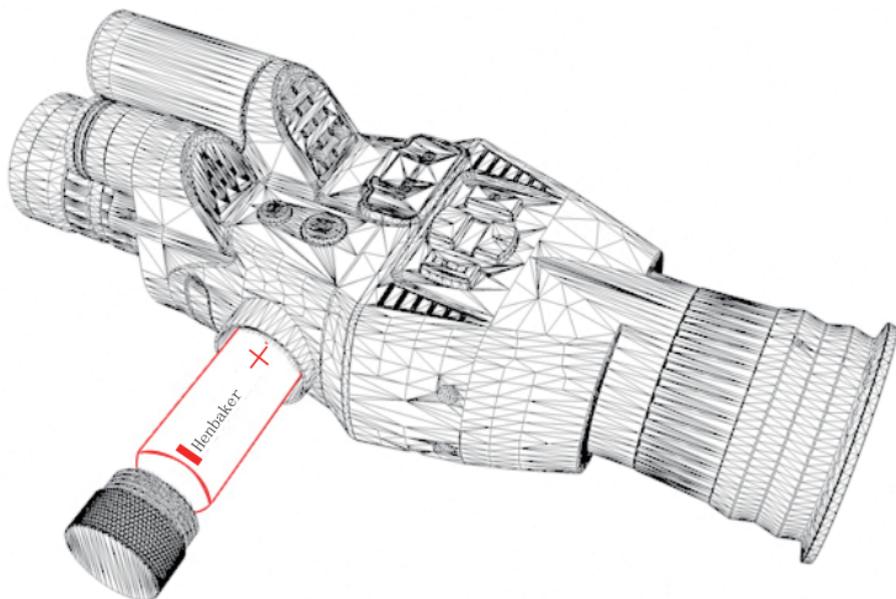
Short press: Photo mode
Long press: red dot



6

Short press: sleep mode
Long press: Power on/off





Battery Installation

Unscrew the battery cover and use a 18650 lithium-ion rechargeable battery with a rated voltage of 3.7V. Install one positive electrode facing inward to ensure that the battery cover is tightened.



Commissioning instructions

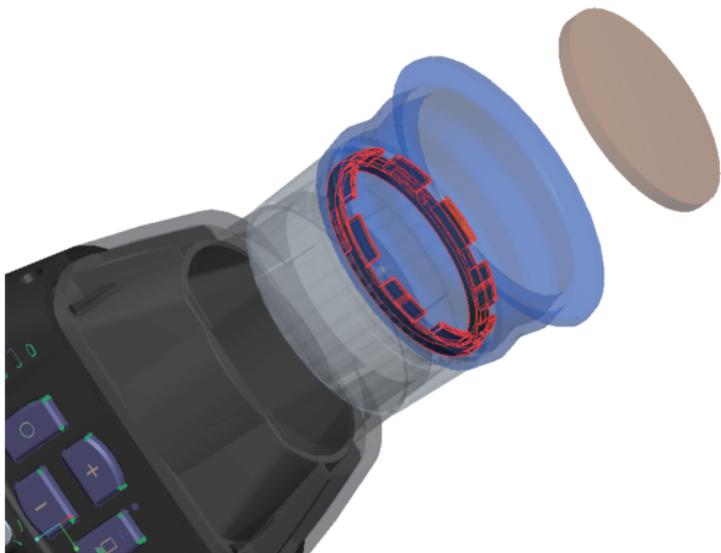


Long press the power button

- 1 Long press the power button to start



- 2 We adjust the focus wheel until we can see the entire picture clearly.



- 3 Some customers have ghosting when watching, please add a refractive mirror (directly add, not replace)



B An all black environment requires IR to be turned on

A Long press to select color mode

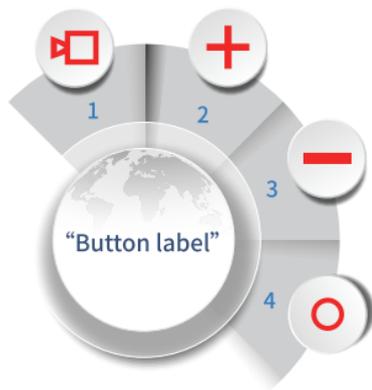
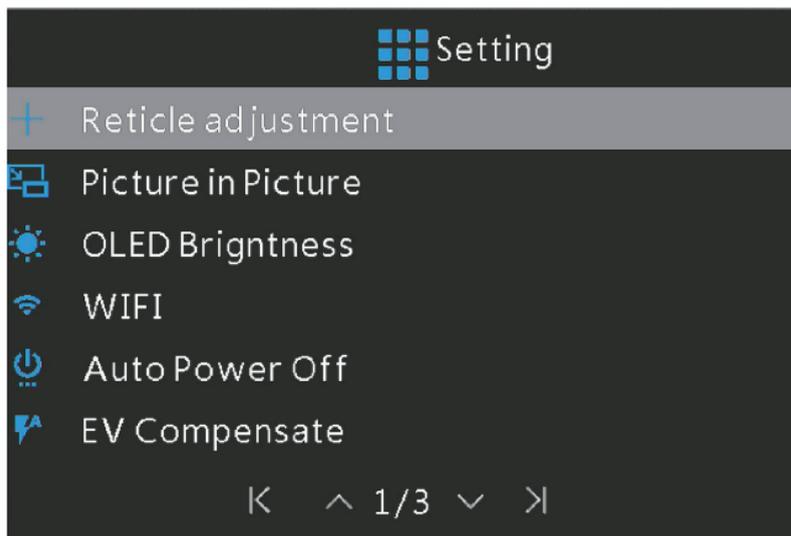


A. Color mode is used in environments with light, while green and black and white modes are used in environments without light

B. Green mode and black and white mode require IR fill light, which can be adjusted by slightly swinging the IR to illuminate the center of the image



Long press the "1" key to start the menu



NOTE:Button label    

In the text, they are replaced by "1, 2, 3, 4" res



Reticle adjustment

Short press "1" to enter

Short press "2, 3" to adjust

Short press "4" to select the next option

Select and save. Short press "1" to save

Picture in picture

Short press "1" to enter

Short press "2, 3" to select

Short press "1" to save

OLED Brightness

Short press "1" to enter

Short press "2, 3" to select

Short press "1" to save

WIFI

Short press "1" to enter

Short press "2, 3" to select

Short press "1" to save

Auto Power Off

Short press "1" to enter

Short press "2, 3" to select

Short press "1" to save

EV Compensate

Short press "1" to enter

Short press "2, 3" to select

Short press "1" to save



The screenshot shows a dark grey menu interface with several red annotations. The annotations are: "Save 5 sets of data" at the top left, "Seven types" below it, "Four colors" below that, "Move left and right" below that, and "Move up and down" at the bottom right. At the bottom of the screen is a status bar with the following text: "B TYPE: OFF COLOR: BLACK X: 0 Y: 0".

Save 5 sets of data

Seven types

Four colors

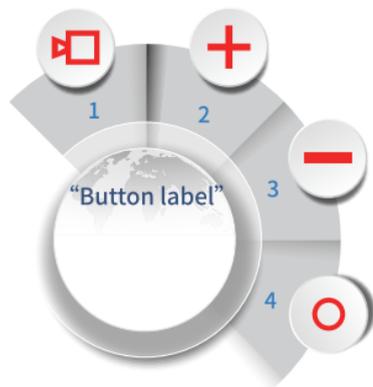
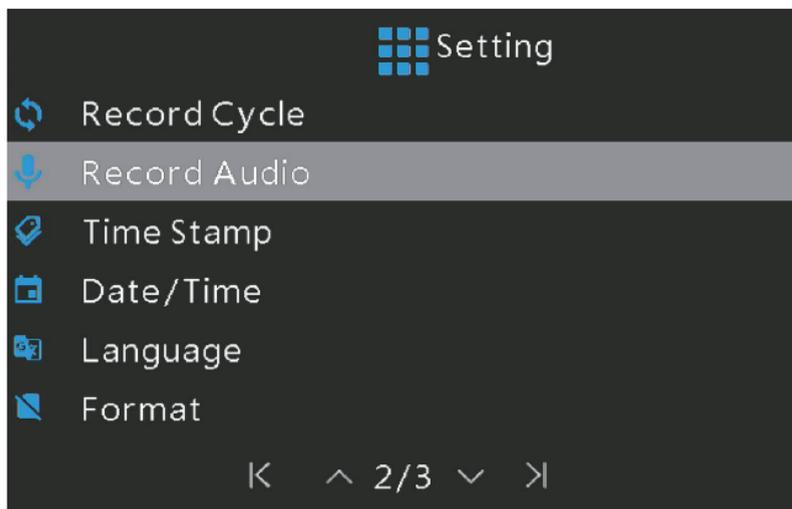
Move left and right

Move up and down

B TYPE: OFF COLOR: BLACK X: 0 Y: 0



Long press the "1" key to start the menu



NOTE: Button label    

In the text, they are replaced by "1, 2, 3, 4" res



Record Cycle

Short press "1" to enter
Short press "2, 3" to select
Short press "1" to save

Record Audio

Short press "1" to enter
Short press "2, 3" to select
Short press "1" to save

Time Stamp

Short press "1" to enter
Short press "2, 3" to select
Short press "1" to save

Date/Time

Short press "1" to enter
Short press "2, 3" to select
Short press "4" to select the next option
Short press "1" to save

Language

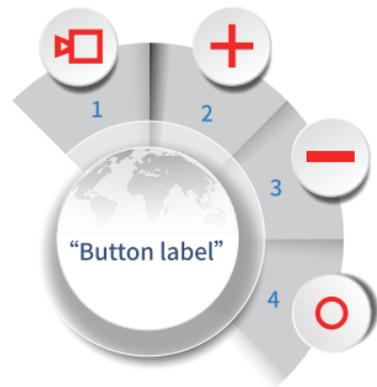
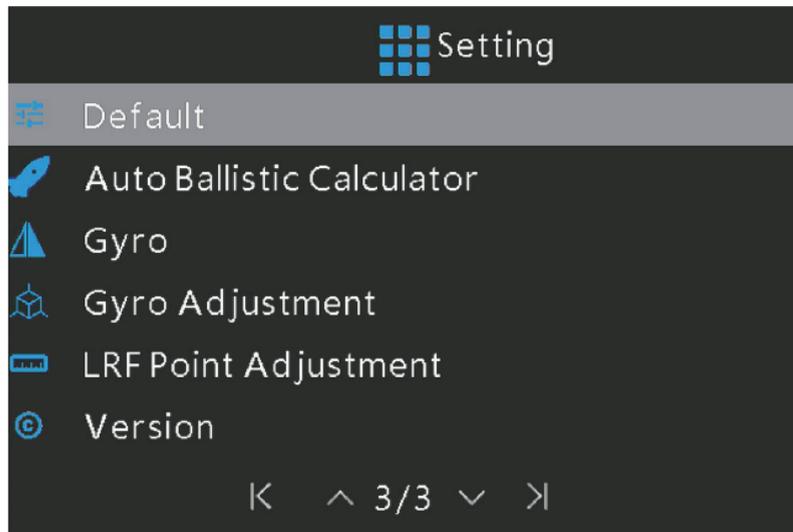
Short press "1" to enter
Short press "2, 3" to select
Short press "1" to save

Format

Short press "1" to enter
Short press "2, 3" to select
Short press "1" to save



Long press the "1" key to start the menu



NOTE:Button label    

In the text, they are replaced by "1, 2, 3, 4" res



Default

Short press "1" to enter
Short press "2, 3" to select
Short press "1" to save

Auto Ballistic Calculator

Short press "1" to enter,
Short press "2, 3" to select
Short press "4" to select the next option
Short press "1" to save

Gyro

Short press "1" to enter
Short press "2, 3" to select
Short press "1" to save

Gyro Adjustment

Short press "1" to enter
Short press "2, 3" to select
Short press "1" to save

LRF Point Adjustment

Short press "1" to enter
The machine will switch to black and white mode and start the rangefinder, and you will see the flashing point of the rangefinder
Short press "2, 3" to adjust the coordinates so that the markers coincide with the points on the rangefinder
Short press "4" to select the next option
Short press "1" to save
important: It is necessary to find a distance of over 30 meters at night for adjustment

Version

Short press "1" to enter
Short press "1" to save



Model: CY900

Optical magnification	8x	Resolution	800*480
Digital magnification	1-3.5x	Resolution	1920*1080
Focus range	2cm-∞	Color mode	Green/Black and White/Color
Weight including battery	522g	Storage space	TF card (Maximum 128G)
Weight	456g	Video	MP4
Operation time	≤8h	USB type	Type-C
IR levels	3 levels	Voltage	3.7-4.2v
IR Power	5W	IP code	IP3
IR distance	400m	Operate temperature	-20°C+50°C/-4°F~+122°F
Distance measurement	3-1100M	Seismic resistance (J)	5000J
Battery type	21700 lithium battery		



Warranty Card

Product model: _____

Purchase date: _____

Warranty period: _____

User Name: _____

Userphonenumber: _____

User address: _____

Warranty records: _____



Thank you for purchasing this product. During the warranty period, we will provide you with the highest quality service in accordance with this warranty clause.

1: Warranty policy

Effective warranty can be obtained by following the following conditions:

- (1) This warranty card must be provided simultaneously with the warranty.
- (2) During the warranty period, faults caused by non-human factors shall be repaired and replaced with accessories free of charge.

2: Warranty Limitations

The product is not covered by the warranty due to damage caused by the following reasons:

- (1) Do not disassemble the product by yourself. If there is a malfunction, please contact the manufacturer in a timely manner. Repairs, modifications, or product seal stickers that are not approved by our company are not covered by the warranty.



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