




CY10

# OPERATION MANUAL



深圳市汉巴克实业有限公司  
Shenzhen Henbaker Industrial Co.,Ltd

HENBAKER



**HENBAKER**



# Catalogue

CY10

## HENBAKER



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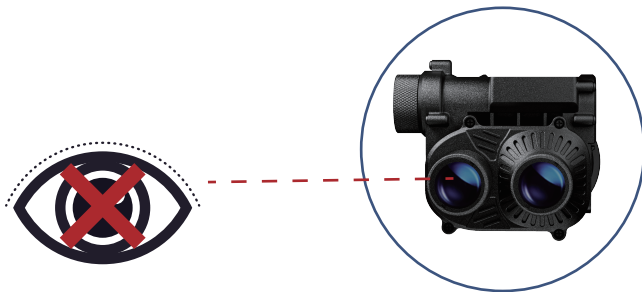
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## Important notes



1. Do not look directly at the IR fill light at close range, otherwise it will cause damage to the eyes!
2. The infrared light of this product will gather a lot of energy when it is turned on. It is strictly prohibited to aim at combustible objects in close range, otherwise it may Cause fire, please turn off the IR infrared fill light when not in use!
3. Please use a lithium ion rechargeable battery with a rated voltage of 3.7V!
4. Do not open the casing without authorization. In case of failure, please contact the manufacturer in time, otherwise it will be deemed as giving up the warranty service.



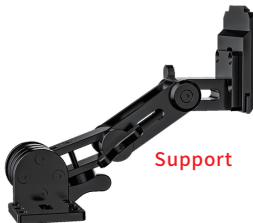
# Standard configuration



Box



Operation manual



Support



Data cable



Battery



Parts



# Function introduction





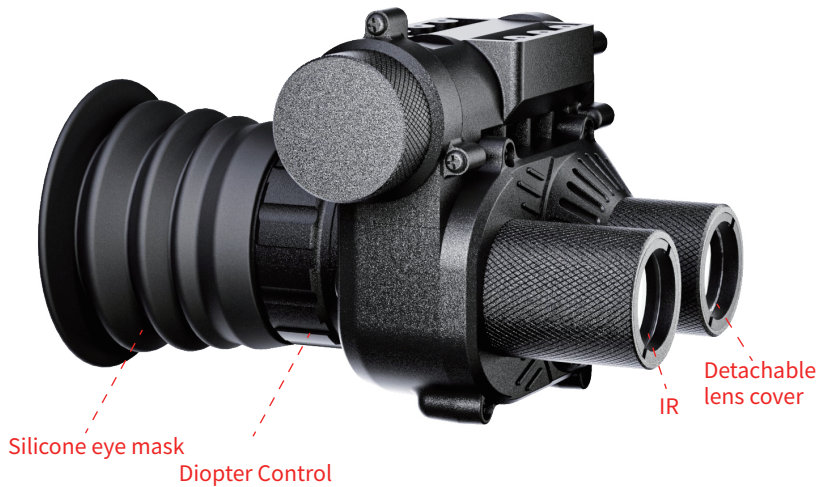
# Function introduction

|   |   |                              |                                    |
|---|---|------------------------------|------------------------------------|
| 1 | ◀ | Short press — digital zoom   | Long press — PIP Mode              |
| 2 | ◀ | Short press ⏻ Power on/Sleep | Long press ⏻ OFF                   |
| 3 | ◀ | Short press 📺 video record   | Long press 📺 Startup menu          |
| 4 | ◀ | Short press + IR brightness  | Long press + Switching color modes |





## Function introduction

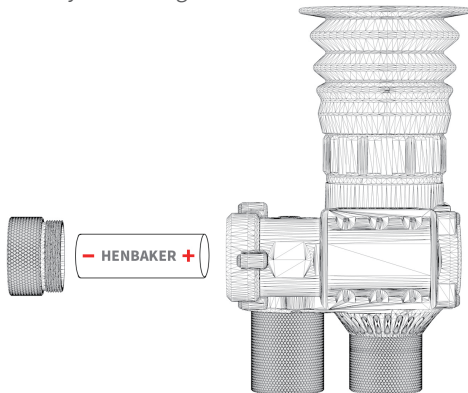




# Installation instructions

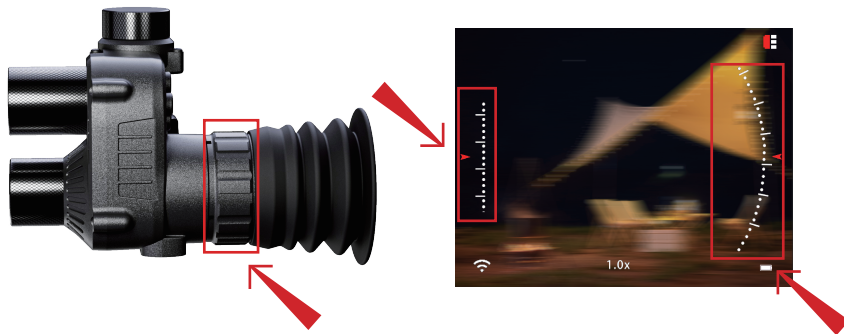
## Battery installation

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





## Commissioning instructions



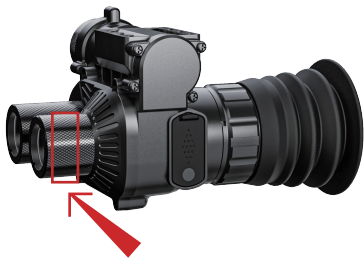
### Commissioning

1. First adjust the diopter of the eyepiece after starting the machine. Everyone's vision is different. The first use requires debugging, You only need to be able to clearly see the ruler and icon in the red box. It doesn't matter if other parts are clear or unclear.





# Commissioning instructions



## Commissioning

2. Open the lens cover and rotate the lens adjustment until you can clearly see the target at a distance of more than 10 meters, which usually does not require frequent adjustment.



## Commissioning instructions



1. The diopter adjustment only needs to be adjusted once when the same person uses it. It is to adjust the degree of the eyes and the display screen, which has nothing to do with the picture viewed.

2. To adjust the focus wheel, you need to open the lens cover and start adjusting. Usually, it only needs to be calibrated after using it for a period of time.



## Commissioning instructions

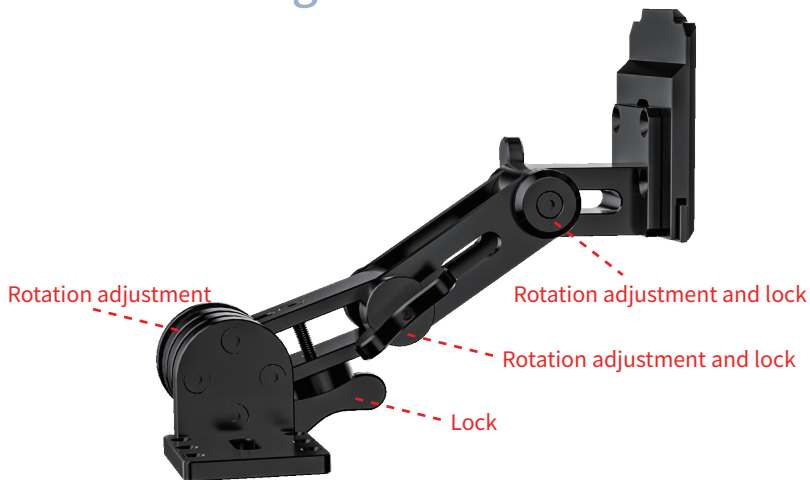


Turn on infrared mode, long press the "+" button, the screen will turn black and white, indicating that the infrared mode has been turned on. Then, short press again to switch between the first, second, and third gears of the infrared light and turn it off. Divided into weak, medium, and strong gears.

Usually, using IR 1 is sufficient, while IR2 and IR3 are used in extreme environments but consume more power.



## Commissioning instructions



Bracket, ultra stable, can change multiple angles, suitable for different users.

## ☰➤ Menu settings

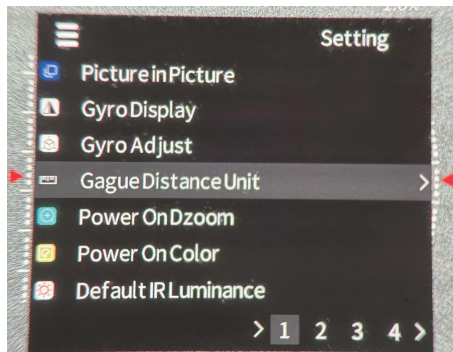


# Menu settings

- .....1
- ⏻ .....2
- ▶ .....3
- ⊕ .....4

## Menu Instructions

Long press ▶ Startup menu



**FAO:** The button identification is — ■ ▶ ⊕ replaced by "1, 2, 3, and 4" respectively

# ⇒ Menu settings

## Picture in Picture

Short press “3” to enter

Short press “1、4” to select

Short press “3” to save

---

## Gyro Display

Short press “3” to enter

Short press “1、4” to select

Short press “3” to save

---

## Gyro Adjust

Short press “3” to enter

Short press “3” Start calibration

---

## Gague Distance Unit

Short press “3” to enter

Short press “1、4” to select

Short press “3” to save

## Power On Dzoom

Short press “3” to enter

Short press “1、4” to select

Short press “3” to save

---

## Power On Color

Short press “3” to enter

Short press “1、4” to select

Short press “3” to save

---

## Default IR Luminance

Short press “3” to enter

Short press “1、4” to select

Short press “3” to save



# Menu settings

- .....1
- ⏻ .....2
- ▶ .....3
- ⊕ .....4

## Menu Instructions

Long press ▶ Startup menu



**FAO:** The button identification is — ■ ▶ ⊕ replaced by "1, 2, 3, and 4" respectively



# Menu settings

## OLED Brightness

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

---

## Auto Record

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

---

## Cycle Record

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

---

## Time Stamp

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

---

## Record Audio

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

## Playback

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to exit

---

## WIFI

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save  
SSID:HBKNV-HENBAKER-\*\*\*\*\*  
PWA2: 12345678  
Provides wireless network connection.  
The corresponding application is "HBKNV"

---

Scan code to download  
IOS app



Scan code to download  
Android app

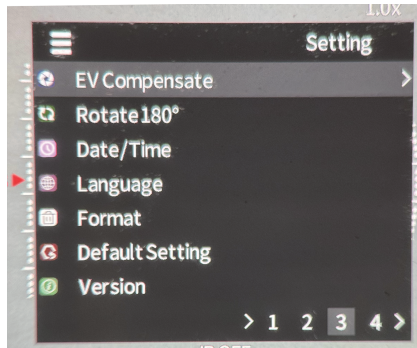


# Menu settings

- .....1
- ⏻ .....2
- 📺 .....3
- ⊕ .....4

## Menu Instructions

Long press 📺 Startup menu



**FAO:** The button identification is — ■ 📺 ⊕ replaced by "1, 2, 3, and 4" respectively

# Menu settings

## EV Compensate

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

---

## Rotate 180°

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

---

## Date Time

Short press “3” to enter  
Short press “1、4” to select  
Long press “3” to Next option  
Short press “3” to save

---

## Language

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

## Format

Short press “3” to enter  
Short press “1”、“4” to select Short press “3” to save  
**Note: File deletion after operation cannot be restored**  
**Note: File deletion after operation cannot be restored**  
**Note: File deletion after operation cannot be restored**

---

## Default setting

Short press “3” to enter  
Short press “1、4” to select  
Short press “3” to save

---

## Version

Short press “3” to enter  
View version number  
Short press “3” to exit





# Technical Parameter

|                    |         |                     |             |                      |           |
|--------------------|---------|---------------------|-------------|----------------------|-----------|
| Model              | CY10    | Size                | 125*82*62mm |                      |           |
| Magnification rate | 1x-3.5x | Frame               | 30fps       | IR wavelength        | 850nm     |
| IR power           | 8W      | Format              | Mp4         | Focal length         | 12mm      |
| Endurance          | 1-8H    | Voltage             | 3.7V        | IR distance          | 200m      |
| Transmission       | WiFi    | Weight              | 197g        | Waterproof           | IP66      |
| Storage            | Tf      | Eyepiece resolution | 1024*768    | Recording resolution | 1440*1080 |

## Warranty Card

### Warranty Card

Product model: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Warranty period : \_\_\_\_\_

User Name : \_\_\_\_\_

Userphonenumber: \_\_\_\_\_

User address: \_\_\_\_\_

Warranty records: \_\_\_\_\_



# Warranty Statement

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 night vision device 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.
- (2) Any product damage caused by human factors or accidents, including use in abnormal working environments, damage caused by failure to follow the instructions and installation, is not covered by the warranty.
- (3) Our company reserves the right to modify and interpret the above terms.

