

HENBAKER

Digital night vision

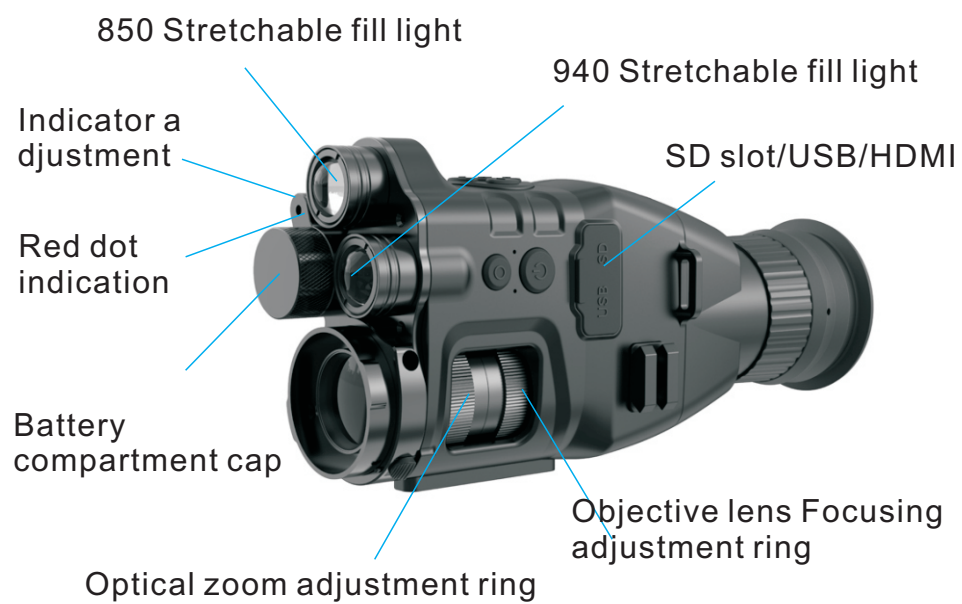
CY789



Operation Manual

## Important note

1. Do not look directly at the IR infrared fill light in a short distance, otherwise it will cause damage to the eyes!
2. The infrared lamp of this product will gather a lot of energy when it is on. It is strictly prohibited to aim at combustible objects in close range, otherwise it may cause fire. Please turn off the IR infrared lamp when it is not in use
3. Please use a 3.7V Li-ion rechargeable battery!
4. Do not open the enclosure without permission. In case of any failure, please contact the manufacturer in time, otherwise it will be deemed as a waiver of warranty service.





①Zoom(+)

②IR brilliance control  
/Mode switch button

③Menu /Photo/ Recording/ OK

④IR brilliance control

⑤Zoom(-)

⑥ Short press: Photo/ Recording/ Playback  
Long press: Red dot switch



⑦ Short press: sleep  
Long press: Power on / off

### Unpacking

This box contains a night vision optics with data cable  
Storage case is not included. Please prepare a TF card  
(128g maximum) for data storage

Open hexagon screw



## Installation

### 1、 Battery installation

Please use 3.7V 21700 lithium battery. remove battery compartment cap and make sure setting the positive polar towards to the direction inward. Put the cap back and screw it until tight.

### 2、 Adjustments

Turn on the device after installing battery At first to make sure if you can see the letters or icons on the screen clearly (put the diopter lens to the slot in front of the eyepiece if the user has presbyopia). then adjust the optical zoom ring and focus ring until the view of your target is clear and sharp. switch between color mode and black&white mode. test the function of IR illuminator under the black&white mode only.

## Instructions

### 1、 Turn On / Off

To turn On the device press and hold the Power Button(7) about 3 second until you see the splash screen.

To turn Off the device press and hold the Power button(7) about 3 second.

## 2、 Sleep mode

Enter sleep mode with a short press of power/sleep button(7) when the device is turned on.  
Power indicator will keep light when the device entering sleep mode.

## 3、 Optical zoom adjustment

Rotate the optical zoom adjustment ring clockwise and counter clockwise until you see your target clearly. if not, readjust the objective lens adjustment ring

## 4、 The objective lens adjustment

Aim at your target, rotate objective adjustment ring until you've achieved an stable and well focused image

## 5、 IR fill light brilliance control

In black and white mode, repeatedly press the IR fill light brilliance control button to adjust IR light brilliance among range of 5 gears(set IR 1-5 or off). The fill light is also stretchable so that it can be pulled and pushed to fill light. Free switch of infrared lamps between the two wavelengths of 940nm and 850nm, adaptable to varied use environments.



## 6、Red dot adjustment

Turn on the device, then turn the laser on/off with a long press of laser menu button(6). the position of laser can be adjusted on the laser adjustment holes by a hexnut wrench

## 7、menu operation

Enter the menu with a long press of Menu button(3). press </> button(1/5) to select options. Enter a submenu with a short press of OK button(3).Exit the menu with a long press of Menu button(3)



### Center Position adjustment

Enter the submenu Center Position adjustment with a short press of ok button(3).Adjust screen

### LCD Brightness

Enter the submenu LCD Brightness with a short press of ok button(3), Select "1","2","3","4"with a short press of </> button(1/5). Confirm your selection with a short press of OK button(3)

### WiFi

Enter the submenu WiFi with a short press of ok button(3), Select "Off", "On"with a short press of </> button(1/5).Confirm your selection with a short press of OK button(3). the default user name and password of WiFi are Henbaker and 12345678. The corresponding app is "VF Cam"

### Camera Horizontal and vertical settings

Enter the submenu Camera Horizontal and vertical settings with a short press of ok button(3),Select "Horizontal","vertical"with a short press of </> button(1/5).Confirm your selection with a short press of OK button(3).

### Auto Power Off

Enter the submenu Auto Power Off with a short press of ok button(3), Select "OFF", "3Minutes", "5Minutes", "10Minutes" with a short press of </> button(1/5). Confirm your selection with a short press of OK button(3).

### Loop recording

Enter the submenu Loop recording with a short press of ok button(3), Select "OFF", "3Minutes", "5Minutes", "10Minutes" with a short press of </> button(1/5). Confirm your selection with a short press of OK button(3).

### Font Size

Enter the submenu Font Size with a short press of ok button(3), Select "Small", "Medium", "Big" with a short press of </> button(1/5). Confirm your selection with a short press of OK button(3).

### Record Audio

Enter the submenu Record Audio with a short press of ok button(3), Select "Off", "On" with a short press of </> button(1/5). Confirm your selection with a short press of OK button(3).

### Date Stamp

Enter the submenu Date Stamp with a short press of ok button(3), Select "Off", "On" with a short press of </> button(1/5) . Confirm your selection with a short press of OK button(3).

### Date/Time

#### ①Manual adjustment

Enter the submenu Date/Time with a short press of ok button(3) , select one of the options with ok button(3). select a correct value for year, month and date with a short press of </> button(1/5) . select "MM", "DD", "YY" as your date format with a short press of </> button(1/5). save selected date and exit the submenu with a short press of Menu button(2).

#### ②Automatic adjustment

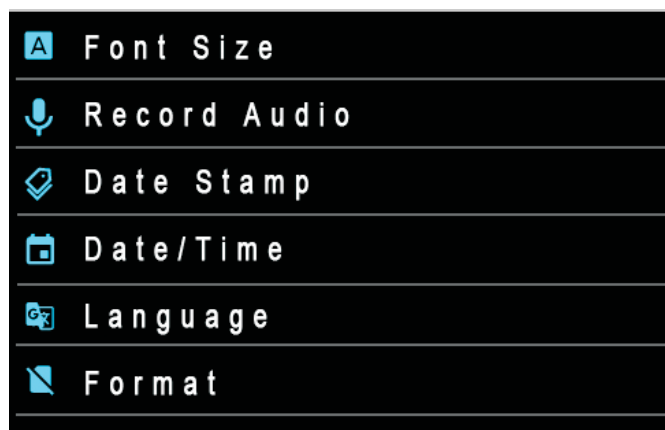
Time synchronization between WiFi and mobile phone

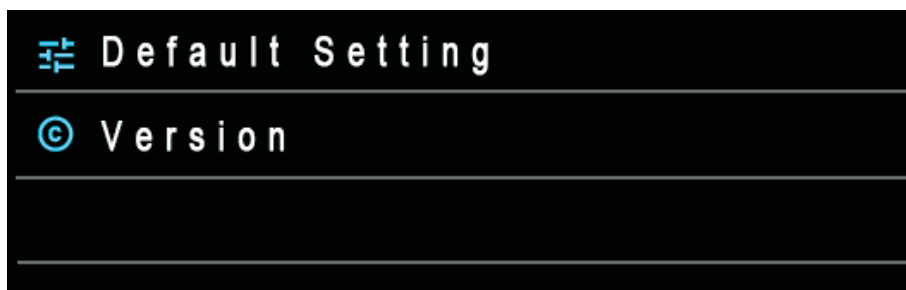
### Language

Enter the submenu Language with a short press of ok button(3), select one of the options with a short press of </> button(1/5). confirm your selection with a short press of OK button(3)

## Format

Enter the submenu Format with a short press of ok button(3) , Select "cancel", "OK" with a short press of </> button(1/5). Confirm your selection with a short press of OK button(3). Please be careful, the data can not be recovered after the device is formatted.





#### Default Setting

Enter the submenu Default Setting with a short press of ok button(3), Select "cancel", "OK" with a short press of </> button(1/5). Confirm your selection with a short press of OK button(3).

#### Version

Look the Version with a short press of ok button(3)

## Specifications

Model	CY789	Dimension	214*103*58 / 125*103*58		
Magnifying power	1x-24x	Frame rate	30 fps	IR wave length(1)	850
IR power	5W	Output type	Mp4	IR wave length(2)	940
Battery life	>10h	Voltage	3.7V	Focusing	3cm-∞
Transmission method	WiFi	Weight	353g	IR illuminate distance	400m
Storage type	Tf Card		430g	Video resolution	1920*1080

### Warranty card

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

Date of purchase: \_\_\_\_\_

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

User name: \_\_\_\_\_

User phone: \_\_\_\_\_

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

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



## Warranty

This product is warranted against defects in materials and workmanship for a period of one year from the date of purchase. 1 year warranty.

This warranty is for the original purchaser only

Notice :

Do not disassemble the night vision device by yourself. If there is any trouble, please contact the factory in time. If the repair, modification or product seal sticker is not approved by the company, it will not be covered by the warranty.

All damage caused by human factors or accidental product damage, including use in abnormal working conditions, damage caused by failure to follow the instructions and installation, is not covered by the warranty.

**FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



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