JARVIS®

USER MANUAL

Foreword

This manual will explain in detail how to install, and operate, product parameters and precautions. Please read it in detail before use and please keep it in a safe place. We hope this product can meet your needs and serve you for a long time! However, as the specification parameters may be changed due to upgrading, updating, etc., please refer to the actual product without prior notice. The manufacturer reserves the right to change the technology directly without prior notice.

Copyright Infringement/Privacy Notice

Please note that this product is for personal use only, and its use must not violate national or international copyright/privacy laws. In other words, the recorded images are for personal use only and may not be distributed or distributed at will; in addition, in some cases the use of this product to record images of performances, exhibitions, or commercial activities may infringe on the copyrights or legal rights of others.

Installation Instructions

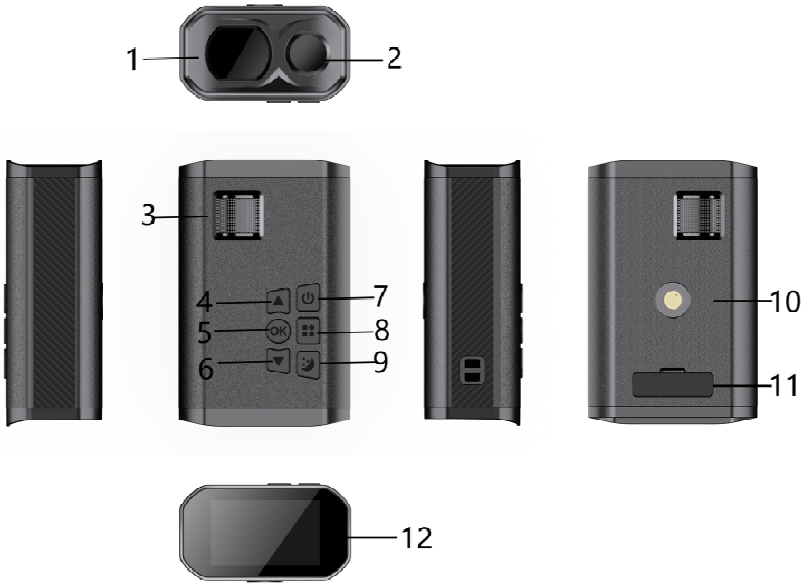
Do not touch the lens with your fingers, as grease from your fingers may remain on the lens and cause unclear video or photography, so please clean the lens regularly.

Notes

1. The machine cannot be disassembled privately to avoid affecting warranty coverage
2. Ensure that the power cord used is an original part, if other company parts are used, the product may be damaged
3. High-speed TF memory cards of Class10 or higher must be used, and new cards must be formatted on the machine before use, and the memory card must be formatted periodically
4. Due to the development of technology, we may make some changes or upgrades to the software or hardware, resulting in inconsistency with the manual, we will no longer issue a change notice. Users are kindly requested to

take the real thing as the basis, so please excuse us!

Product Introduction



1. Night vision lens Night vision HD camera

2. IR LED Hd infrared light

3. Contact roller Adjust lens focal length

4. UP Short press the menu option to enter the up option; short press to adjust the magnification of the video interface

5. OK Confirmation key

6. Down Short press in the menu options to enter the scroll down option; short press to adjust the magnification of the video interface

7. Power Long press to turn on/off/short press to turn off the screen

8. Menu Short press to enter the main screenSettings, and short press in the secondary menu to returnIn the playback screen, long-press the button to switchbetween video and photo

9. IR-CUT Short press to adjust the infrared light cycle in the video recording, short press to enter the deletion item in the playback interface; short press to enter the photo resolution setting in the photo interface.

10. Bracket buckle Support for camera mounts

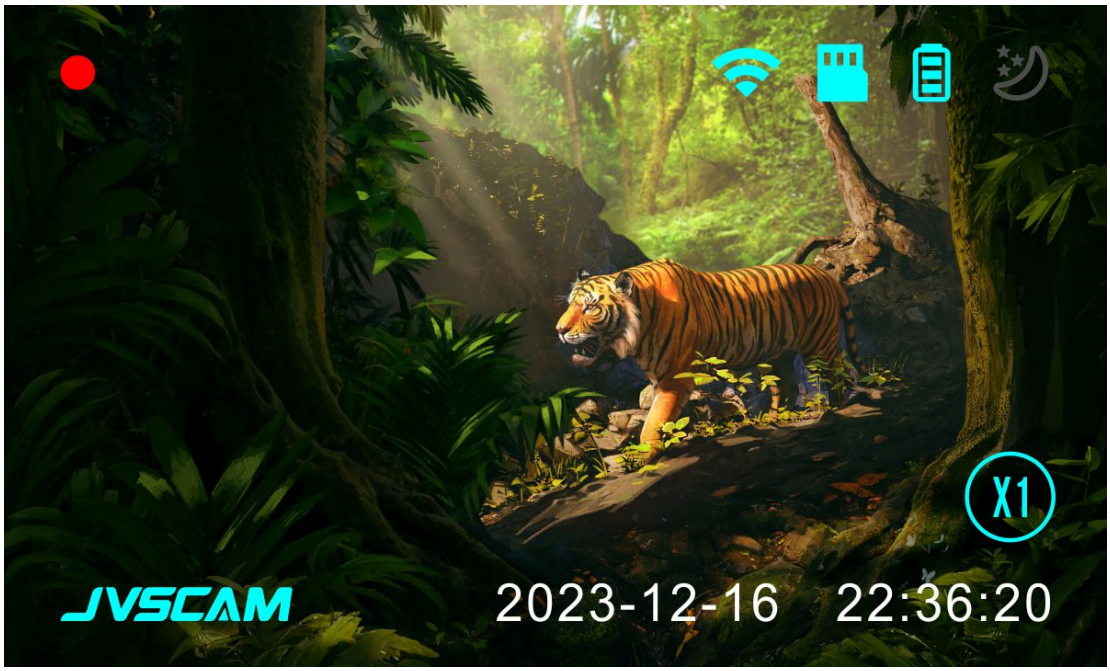
11. TF slot/charging port/indicator Please use a C10 high-speed TF card (support 32G-128G)

12. Display screen 2.2” HD display

TF card mounting method

With the TF card chip facing the display, insert it into the device and hear a click, the TF card is inserted successfully.

Introduction of the video



Recording status indication and recording time, red light blinking means it is recording

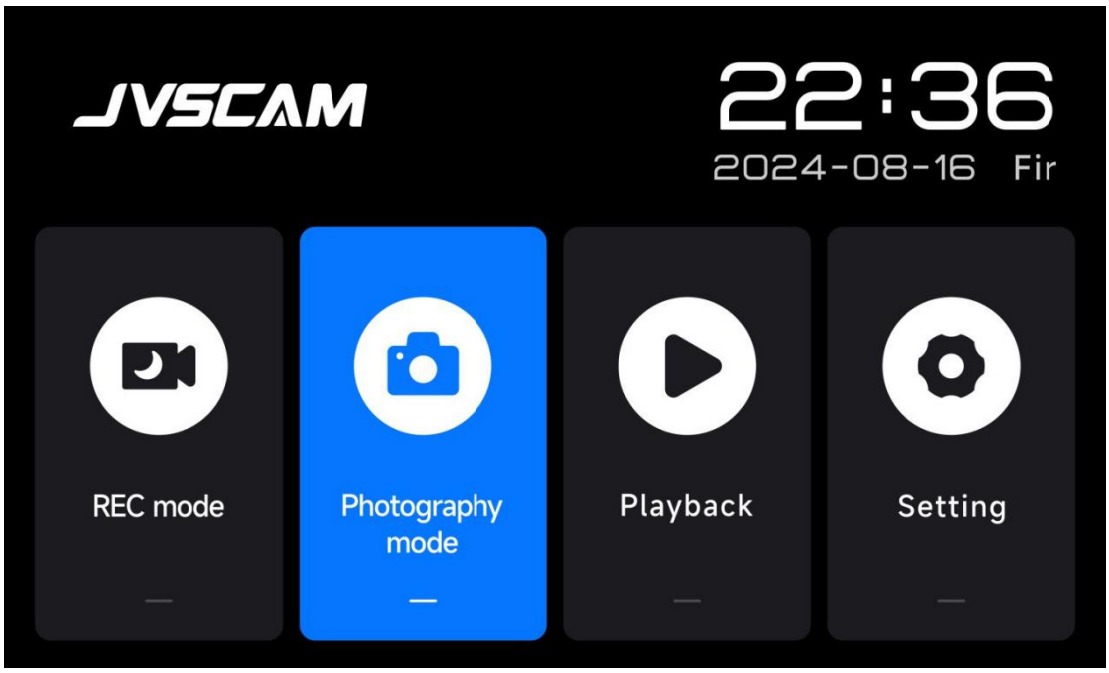
WIFI signal strength icon, this icon indicates WIFI connected， This icon indicates WIFI off

TF card icon, this icon indicates normal detection of TF card， This icon is for detecting TF anomalies

Battery icon, 100% charged， This icon is charging

Night vision icon, this icon indicates night vision intensity， This icon indicates that night vision is off

Menu



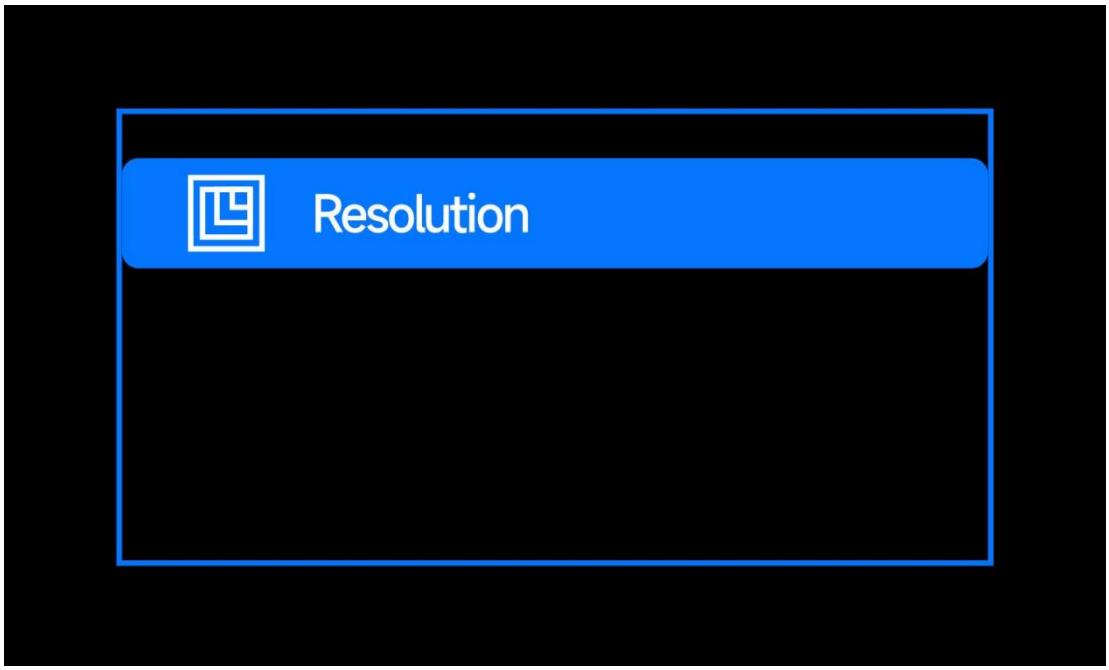
Click， Enter HD video recording mode

Click， Enter photo mode

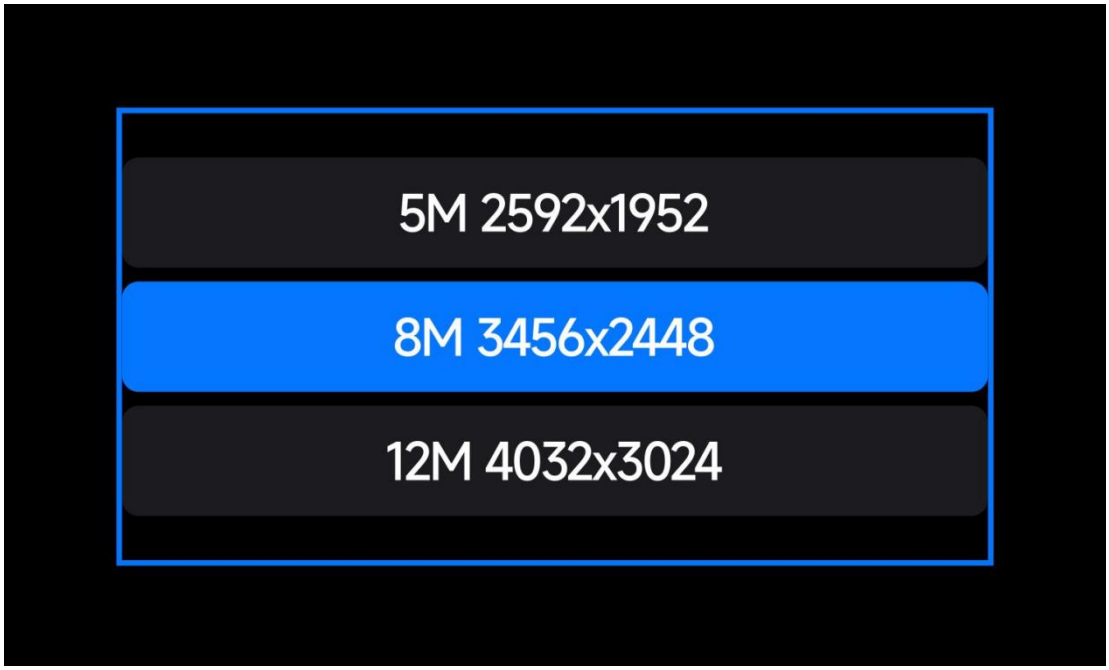
Click， Enter playback mode

Photo Mode

Short press the IR-CUT button to set the photo resolution



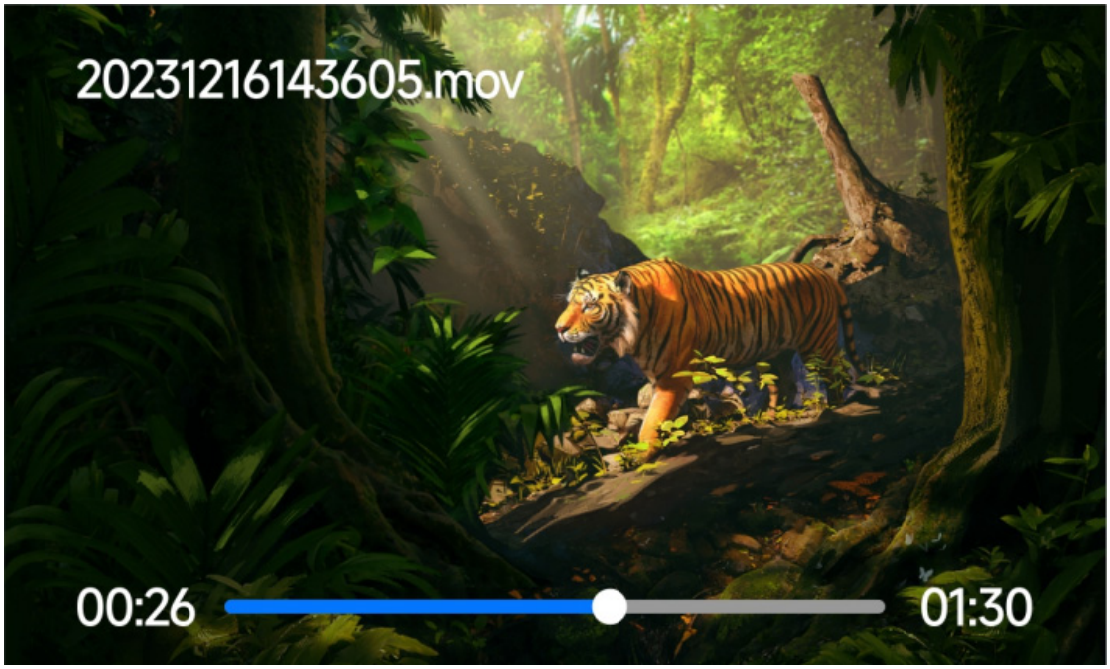
Short press the OK button to confirm the selected photo resolution.



Playback mode

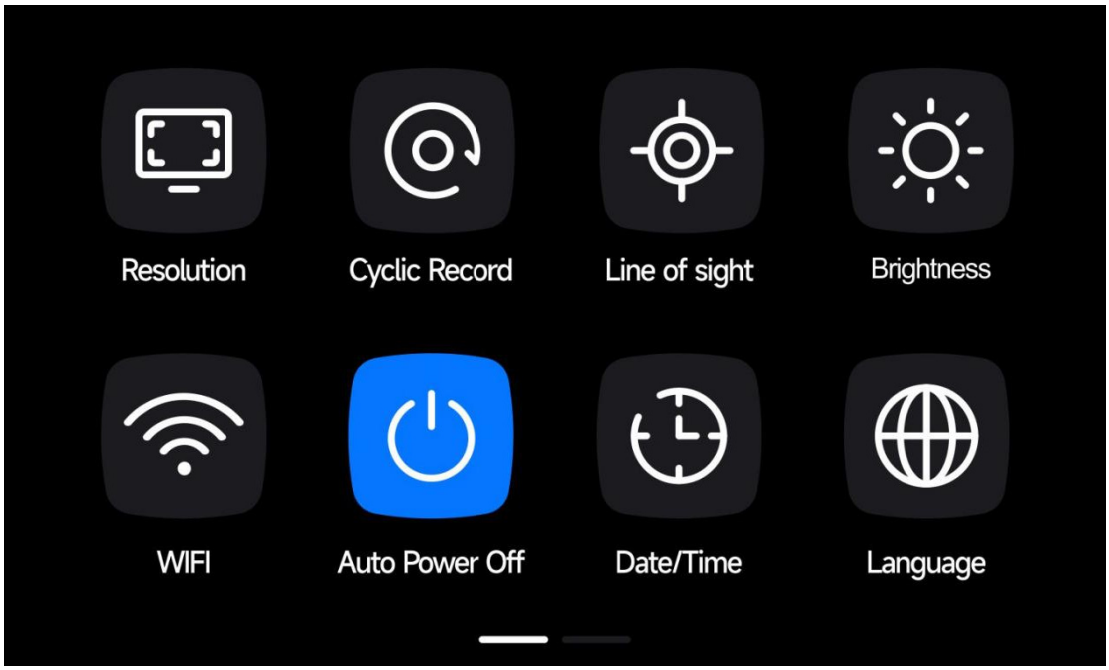
Long press the menu button to switch between video and picture files

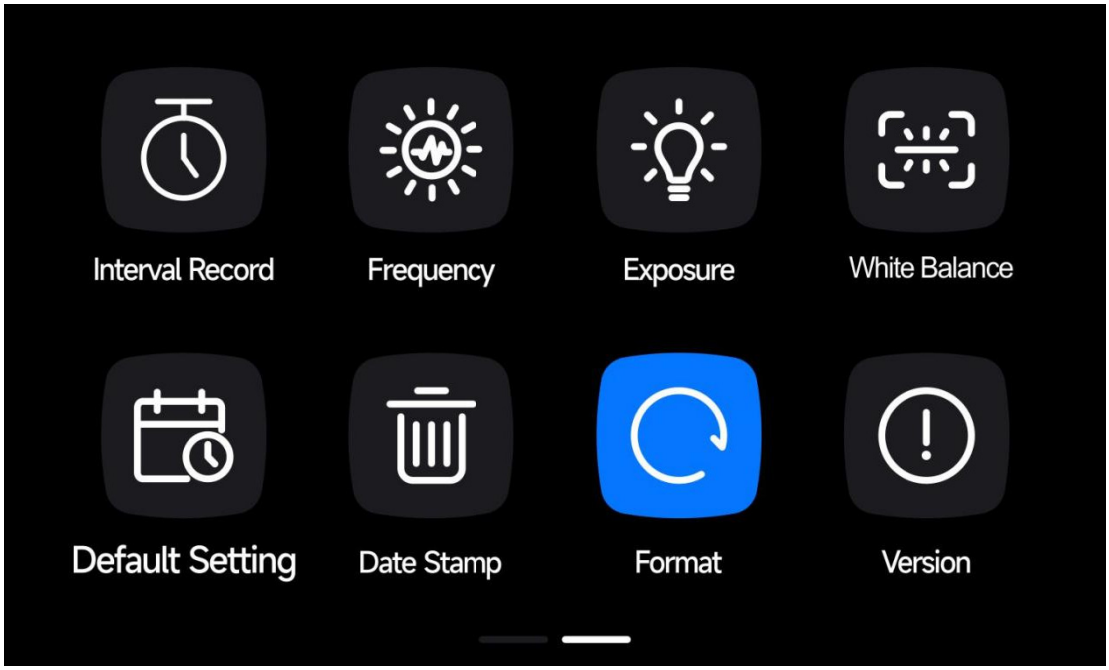
Press Up or Down button continuously to enter fast forward and fast reverse mode.



Setting menu

Click on the main interface， access to all setting options.





Click , setting resolution

Click , setting the video recording time: 1 minute / 2 minutes / 3 minutes

Click , able to choose 3 sight lines

Click , adjusting screen brightness

Click , turn on/off WIFI, with WiFi name and password

Click , setting auto power off time: 3 minutes/5 minutes/10 minutes

Click , setting the date and time

Click , setting default language

Click , setting interval recording time: 100ms/200ms/500ms

Click , flicker frequency setting: 50 Hz/ 60 Hz

Click , exposure value setting

Click , setting the white balance

Click ,restore factory settings: cancel/ confirm

Click , date stamp: on/off

Click , format memory card: Yes/no

Click , checking the system firmware version

How to use

1. Insert the formatted TF card and power on the device.

2. Please scan the QR code below to download the dedicated app "JarvisCam" from Google Play Store or Apple Store

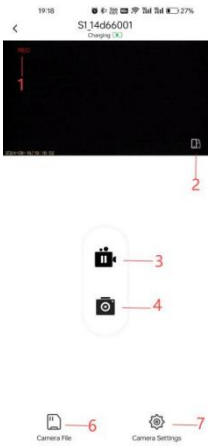
iOS

Android

3. Open“JarvisCam”APP, connect WIFI: S1_*** password：12345678

Note: After connecting to WIFI, all operations can onlybe performed through the “Jarvis Cam” APP.

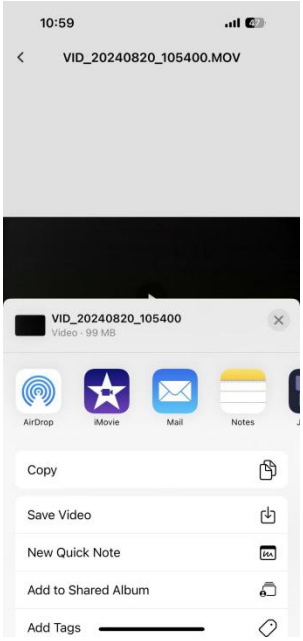
1. Video indicator light
2. Preview the full-screen button
3. Start/pause recording icon
4. Quick photo button
5. Recorder files
6. Recorder setup



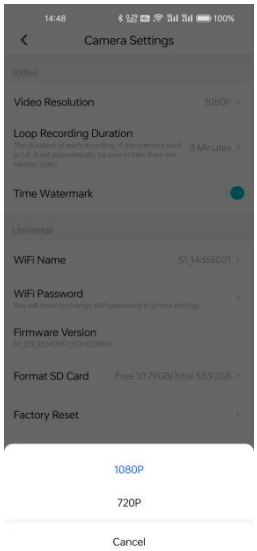
Click on any video in the loop video to play back; Click on any image to view in the Capture event

Click Download download video; Click Screenshot video snapshot; 点击 Delete delete video

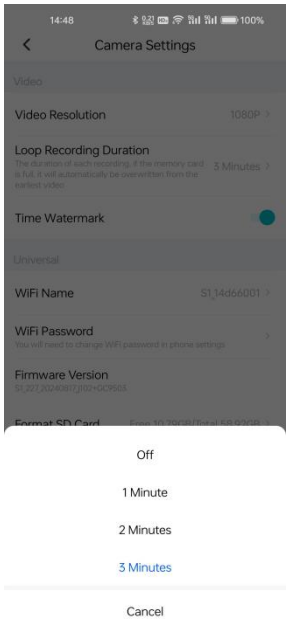
Download the video and click Share can be shared to other applications



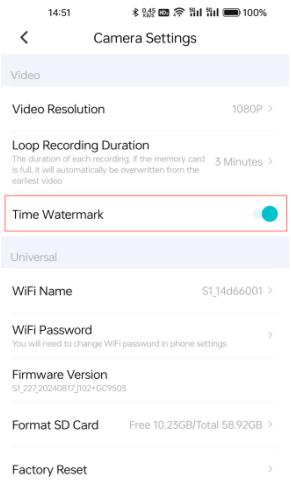
The video quality resolution is 1080P/720P



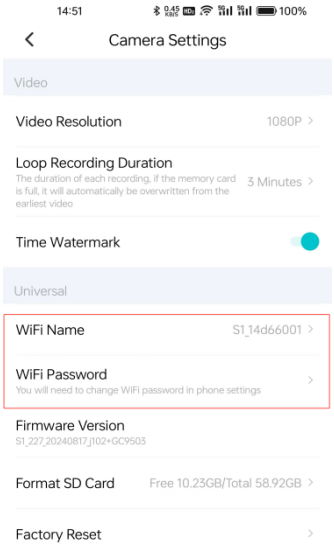
The recording duration can be 1M, 2M, or 3M



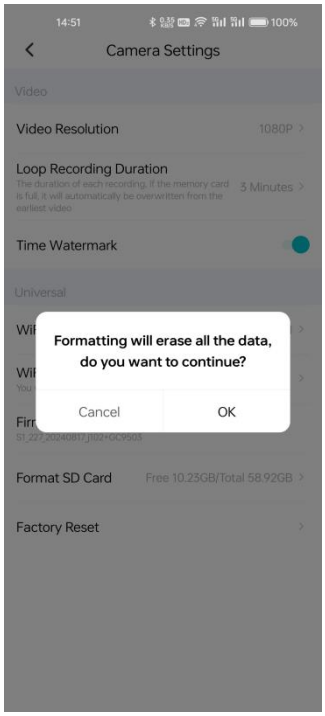
Turn on and off time watermarking



Change the WiFi name and password



Formatted TF card



Factory data reset

Product specification

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Front camera BG0701

Display screen 2.2 inch

Video file format MOV

Compression format H264

Photo file format Support

Lens aperture F1.55

Power supply5V 2.5A

Memory card Class10 and above, 16G-128GB

Night vision function Support

Troubleshooting

1. Why is infrared night vision imaging black and white?

A: The imaging display of an infrared night vision device is black and white, the human eye can perceive the visible light wavelength range between 400~780nm, while the wavelength of light emitted by infrared fill-in lamps is usually between 830~870nm, which is band that cannot be seen by the human eye. Therefore, when the night vision device receives a single band of infrared light reflected from an object, it cannot present a color effect because it does not contain the base colors of visible light such as green and blue, and after processing, it presents a black-and-white effect.

2. Can infrared night vision work in complete darkness?

A: Yes, infrared night vision is able to operate in complete darkness because it relies on infrared radiation rather than visible light. It is usually equipped with infrared light sources (such as infrared LEDs or infrared lasers) that emit invisible infrared light, which the night vision device receives to form an image.

3. Are infrared night vision devices susceptible to interference from bright lights?

A: Yes, excessive light may interfere with infrared night vision devices. Strong light may cause the image intensifier tube to saturate, whitening or distorting the image. Therefore, when using an infrared night vision device, you should avoid pointing it directly at a strong light source, such as headlights or flashlights.

4. What is the imaging distance of infrared night vision?

A: The imaging distance of an infrared night vision device depends on a variety of factors, including the power of the infrared light source, the sensitivity of the night vision device, the ambient light conditions, and the size and reflectivity of the target. In general, high-end infrared night vision devices can observe distances of hundreds of meters or more under ideal conditions.

5. Why is the image foggy and indistinct?

A: ① Check whether the lens protection film is torn off;

② whether there is dirt, fingerprints; if dirty, please use lens paper to clean th e lens;

③ Whether the roller adjusts the focus in the best position.

6. The device does not respond to pressing any key and appears to be dead, how can I fix it?

A: ① Reset the device (press RESET with the reset pin);

② Turn off the device to remove the memory card, and then power on it to check whether it is normal;

③ If it’s normal, please replace a memory card, it is recommended to use a high-speed card above C10.

7. The image is with horizontal stripes when recording?

A:according to the local power supply frequency, 50HZ(PAL) for China and 60HZ (NTSC) for overseas.

8. Not turning on?

A: ① Connect the device to the charger to charge for a period of time (before this operation, you need to confirm that the charger is good);

② If there is a card inserted, please remove it first (maybe bad, prompting the device not to boot) and then get charging;

③ charging indicator light is on, device is not on, then use the reset pin to press the reset hole (Reset) a little; if the above has been tried, it still can not be turned on, it may be the hardware problems, you need to contact the seller's customer service.

9. What's the resolution?

A: It is the image clarity, the higher the clarity, the larger the space memory, y ou can check the resolution options in menu settings.

10. What's an interval video?

A: Interval video 100ms, the frame rate is 1s/100ms = 10 frames per second, which will lose some information, the advantage is that the same memory card space video time is longer. Interval video 200ms and 500ms corresponding to the frame rate is 5 frames per second and 2 frames per second, more information is lost, taking up less space on the memory card.

11. What do the resolutions 5M, 8M, and 12M in the photo mode refer to?

A: Resolution refers to the number of pixels in a photo, and “m” or “MP” is the abbreviation for megapixels; 5M, 8M, and 12M refer to 5 megapixels, 8 megapixels, and 12 megapixels, respectively; a pixel is the basic unit of a photo, and each pixel contains specific color information that determines the final appearance of the photo.

12.How do I fix it that says the card is full when recording?

A: The infrared night vision device used in the cycle does not cover the way, the video prompts that the card is full users need to copy the files in the TF card or enter the settings to format the card, and then the menu settings to choose to restore the factory settings, after the operation of the above steps video still appear to be full of the card, then change a new card.

13. How do I save an operation after the device has been set up for it?

A: Inside the setup menu to find the desired function, press the
OK (REC) key to confirm,exit the setup menu (due to saving the settings nee ding a certain amount of time, please do not manually power off immediately after the setup.

14. Insufficient infrared light source, image is too dark?

A: ① Check the infrared light source to make sure that the infrared light source (e.g. infrared LED) is working properly and is not damaged or malfunctioning;

② Consider the use of other light sources, such as light, moonlight, starlight, etc. These can also provide additional light for infrared night vision devices.

15. What is the battery life of the infrared night vision device?

A: The battery life of an infrared night vision device depends on the type of battery it uses, its capacity, and the conditions in which it is used. Infrared night vision devices use rechargeable batteries that can be reused by recharging. When in use, we should pay attention to conserving power and avoiding unnecessary power-on and power-off operations to prolong the battery life.

16. What do I need to know about the maintenance and storage?

A: When maintaining and storing infrared night vision devices, the following points should be noted:

① Avoid exposing the night vision device to extreme temperature, humidity or vibration;

② Clean the lens and housing regularly to avoid dust and dirt affecting the imaging effect;

③ When storing, place the night vision device in a dry, ventilated place to avoid direct sunlight and humidity.

17. What is the difference between infrared night vision and thermal imager?

A: Infrared night vision and thermal imaging cameras are both devices that utilize infrared radiation for imaging, but they differ in principle and application. Infrared night vision devices rely mainly on infrared light emitted by an infrared light source for imaging and are suitable for use at night or in dimly lit environments. Thermal imagers, on the other hand, form an image by receiving infrared radiation emitted by the object itself, are able to show the temperature distribution of the object, and are suitable for detecting and identifying heat sources.

FCC Warning Statement

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

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

The audio and video recorded by the night vision device is for reference only, and our company is not jointly and severally liable for any loss caused by bad files, data loss, etc. occurring due to abnormal conditions of the machine.

Hereby declare