



Multi-functional Camera

Operating Instructions V13.1

Note: Please read the manual carefully before using

Operating Instructions v13.1



①Lens ②IR LED ③Video ④Motion detection Mode ⑤IR LED-ON ⑥IR LED-OFF ⑦TF CARD ⑧USB ⑨Reset ⑩Power key ⑪LED

One.Product features

- 1) camera function: ultra small volume, convenient in safety protection, commercial deployment, daily life, law enforcement forensics, driving records, training video etc.;
- 2) business / law enforcement forensics recording function: facilitate business interviews, learning, living, law enforcement, evidence recording;
- 3) card reader function: TF card, maximum support 32GB (micro SD), convenient mobile storage file, safe and convenient;
- 4) high quality sensors, HD lenses, dynamic video pickup, 25~30 frames / sec;
- 5) support boot video, more convenient operation;
- 6) battery detection function, effectively protect your video files;
- 7) double indicator light shows the working state, and the fool type operation is more convenient;
- 8) equipped with high-capacity lithium batteries, the battery has more than 500 minutes recording time;
- 9) the standard MICRO USB, supports a variety of environmental charging and file reading;

Two.Product parameters

- 1) image sensor: high definition CMOS sensor;
- 2) angle of view: about 140 degrees;
- 3) light illumination: 10Lux or above
- 4) battery capacity: about 1200mah
- 5) duration of time: about 500 minutes
- 6)Storage temperature: -10 ~ 70 degrees
- 7)Speed: 1080P (~20), 720P (30), 480P (30 frames)

- 8) Memory card type: TF (SD Micro) card
- 9) Memory card capacity: support 4GB-64GB(Suggest >8GB)
- 10) Video resolution: 720*480, 1920*1080,1280*720
- 11)Video segmentation: 10 minutes
- 12) Adaptive interface: USB1.1, USB2.0
- 13) Support system: XP/Vista32/WIN7 and above, OS Mac
- 14) the battery is full of time: >5 hours(5V 1A)
- 15) working humidity: 15~85%RH9

Three. Manual for product operations

Before using, please insert the TF card firstly. The follow based on inserting the TF card correctly.

1. Charging

The built-in rechargeable lithium battery, when the device power is insufficient, please charge first, the device can be charged by computer, power bank or charger.

When the charger is connected to the charger, it will automatically enter the recording with charging status. At this time, press the power key, the indicator light will start flashing, and the battery status will be indicated.

If not insert a TF card, the device does not enter the recording state,and the red led is always blinking.

Note: During being charged, the red and blue lights keeps flashing. And the red and blue lights will stay bright at the same time when full charged.

2. Video and save

Video: After power off, slip to the video mode, press the power button two seconds, the red and blue lights are on, then the red light flashes two times and goes out. And the device enters into the video mode.

Save: during the recording, press the power button two seconds, the red and blue lights flash two times, the device stops recording and saves the data. If you want to continue the recording, you can press the power key again and then circulate above.

Note:

During the recording, if the power button is pressed shortly, the red light is always on, and the device will save the data and be in standby mode.

3. Motion-detected video

Motion-detected video : After power off, slip to the motion detection mode,press the power key two seconds, red and blue light, and blue lights, the device enter into the motion-detected mode.When moving objects are detected, the blue lights flash two times and then goes out, the device enters into the videoing.

Save: during the recording, press the power button, the red and blue lights flash two times, the device stops recording and saves data. If you want to continue the recording, you can press the power button again and then circulate above.

Note:

During the recording, if the button is pressed short, the blue light is always on, and the device will save the data and be in standby mode.

4. Reset

When the device is not working properly because of illegal operation or other unknown reasons, the product needs to be reset. Press the reset button to reset.

5. Recording with charging

When the device is connected to charger or external power bank , will automatically boot and enter the video or mobile-detected status. In this state, after short pressing power button the device will enter the standby mode and display the charge status.

6.IR LED

 IR LED-ON;  IR LED-OFF

7. Time modification

When the device is connected to the computer, create a new text document in the TF Card root directory, name it SYSCFG. Open the SYSCFG file and type the correct time in as the following format:

2017-06-01 12:00:00 Y0Y

Save the file, disconnect the device from the computer. After shut down, turn on the device again, at the same time, the file is applied.

If you want to cancel the time stamp, put the correct time in as the following format:

2017-06-01 12:00:00 N0Y

For other parameter settings, refer to the attached SYSCFG.txt configuration file description as below.

Four. LED status Introduction

LED status Introduction		
Mode	LED status	note
video	Red indicator flashes twice and goes out	
motion detection	Blue indicator flashes twice and goes out	
Charging	Red and blue indicators flashes	when the two indicators light and don't flash, indicating that the battery is fully

Five. After-sale protection

The company sold products with product warranty card enjoy the "Three Guarantees" service.

Six. Precautions

Use: Please strictly abide by relevant state laws, this product can not be used for other illegal purposes, or peril.

Operating temperature: Please use the natural temperature, do not work in the human body

can not adapt to the temperature.

Working Humidity: Please in the human living under suitable humidity, do not use the product in a wet environment, the product does not have waterproof function.

Shooting illumination: there is sufficient light in the environment, do not use the camera directly at the sun or other strong light source, in order to avoid damage to optical devices.

Cleaning: Do not use too large dust density environment, in order to avoid dust contamination of lenses and other components affect the camera effects. Lens can be used paper or eyeglass lens cleaning cloth to gently wipe to keep clean.

Other matters: The product belongs to sophisticated electronic products, please do not make a strong impact, vibration; do not use in a strong magnetic field.

Attached:

SYSCFG.txt configuration file description:

Create the file SYSCFG.TXT in the root directory of the card (if it is a new text document, the file name is SYSCFG), and the text format is 2017-06-01 12:00:00 N0Y, and save it. Unplug the device from the computer and turn on. The file automatically is burned into the device and then turn off automatically. The front part 2017-06-01 12:00:00 is the time format, and the N0Y is the parameter setting.

Text format: N0Y (default parameter)

Description:

first N- time display bit: Y-> display time, N-> does not display time

Second bit 0:0->1920*1080, 1->1280*720, 2->720*480

Third bit Y: loop recording switch, 0-> does not loop, 1-> loop

For example: N0Y, that does not show time watermark, video resolution 1920*1080, loop recording.