



For instance, before **Motion Detection Filter** setting, the camera captured a photo with a iron door, a house, and some branches and leaves.



After **Motion Detection Filter** setting, the "rectangular frame" in the center is the setting area according to above steps. A cat entered into this "rectangular frame" area, the camera captured it according to the preset PIR sensitivity and PIR Interval. The iron door and branches and leaves will be filtered. It can avoid the false triggers caused by the iron door and branches and leaves were blown in the wind.



7. Sensing Angle and Distance Test

To perform the sensing angle and monitoring distance of the camera test:

- Toggle the power switch to **TEST**.
- Make movements in front of the camera at several positions within the area where you expect the object will be. Try different distances and angles from the camera.
- If the red indicator LED light blinks, it indicates that position can be sensed. If it does not blink, that position is outside of the sensing area. The results of your testing will help you find the best placement when mounting the camera.

8. Mounting camera

When setting up the camera for scouting game or other outdoor applications, you must be sure to mount it in place correctly and securely. We recommend mounting the camera on a relatively straight tree with a diameter of more than 15cm (6 in.), make sure the tree is large enough to not sway in the wind as this can cause a false trigger. Position your camera facing north or south. If you position your camera aiming east or west your camera tends to have a greater frequency of false triggers due to the rising or setting sun passing through the frame.

To get the optimal photo quality, the tree should be about 5 meters (16 - 17 ft.) away from the place to be monitored, with the camera placed at a height of 0.75 - 1m (2.5 - 3.5ft.). Attaching your camera too low can result in getting too many photos of small non-targeted creatures. Placing your camera too high and facing downward can cause the camera to pick up shadows and the changes in ground temperature.

Also, keep in mind that you will get the best results at night when the subject is within the ideal range, no farther than 15m(49ft.); and no closer than 3m(10ft.) from the camera. To enhance the flash, we recommend positioning camera in an area with a backdrop to reflect the maximum amount of light.

Clear all vegetation from in front of the camera. Any small limbs, twigs, leaves, or grass blowing in the wind can trigger a false image.

Test the camera. After following the steps above to ensure it is not something environmentally driven or a result of the settings, please follow step:

Take your camera and place it facing a blank wall on a sturdy surface.

9. File format

The folders name like DSCF0001. The numbers behind "DSCF" shows sequence number. The file is named as "DSCF0001.JPG" for photo and "DSCF0002.AVI" for video.

10. Trouble Shooting

Q1: Cannot access the TEST menu.

A: Possible problem:

- No TF card in the card slot.
- Corrupt TF card.
- Batteries power are too low to power up camera.

Q2: The photo is too dark at night.

A: Possible problem:

- The illumination parameter is not set correctly. Please refer to Fig. 22 camera flash range settings.
- Lack of reflective background at night: We recommend positioning the camera in an area with a backdrop to reflect the maximum amount of light. For instance, place the camera 8 -12m (20 - 30ft.) from a field edge facing the woods.
- Low batteries power.

Q3: The camera shut down automatically in TEST mode.

A: Possible problem:

- The camera is set to shut down the power automatically when there is no operation over 3 minutes in **TEST** mode. The purpose is to prevent battery run out.

Q4: Camera Led light area appears water mist?

A: Possible problem:

Our cameras are hunting cameras with waterproof function. Actually it is due to the condensation inside the lens caused by the temperature difference between inside and outside. You need to do is leave the camera in a dry place for 1-2 days.

Q5: Bluetooth connection distance.

A: Possible problem:

The connection distance of the camera's Bluetooth is within a range of 15 meters(49 feet), If you want to use your phone's app to remotely control the camera to take photos, please keep the camera and your phone at this distance.

Q6: How to export the photos and videos?

A: Possible problem:

- When the camera is connected to the app (Trialcam Go) and using the app mode, the photos and videos taken will appear in the local gallery and app album of the phone.
- When the camera is not connected to the app, the photos or videos will be stored in the TF card of the camera (the TF card is inserted in the lower left side of the camera), then you can use two ways to export the photos in the camera.
 - a: Without removing the TF card, connect the camera with the computer using the cable, then the computer will pop up the USB flash drive device, and then you can check the photos and videos stored in the camera from the USB flash drive shown in the display.

b: Remove the TF card, insert the TF card into the reader, and then the TF card will appear in the local gallery and app albums.

c: Insert the TF card into the card reader, and plug the card reader into the computer interface, at which time the computer will pop up the USB flash drive device to view the photos and videos stored in the camera from the displayed USB flash drive.

Q7: No photos were taken in motion detection mode?

A. Possible problem:

Step1 » You need to remove all the protective film on the camera lens, and second, you need to keep a distance of 15 meters(49 feet).

Next, click on the menu, then select **Mode- Motion Detection**, choose the detection delay time and set it for a few seconds. Then traces of animal movement will be recognized within a few seconds. Then click **OK**.

Step2 » Select **Work Time**, then select **Open**, then set the time you want the camera to start working.

Step3 » Select **PIR Sensitivity**, the higher the sensitivity, the more sensitive and faster the recognition, and at the same time, the more power consumption.

step4 » Select **Detection Delay** to set the frequency of taking photos. Take photos every few seconds or hours.

step5 » In **Motion Test**, move your hand or a person or an animal to see if any motion is detected, if so, you can start taking photos.

step6 » Press the button to **ON**, it will prompt that the current mode is **Motion Test**, if you want to continue, press **OK** to start shooting automatically, If you want to continue, press **OK** to start auto shooting.

Appendix I : Technical Specifications

Wi-Fi	2.4GHz 802.11 b/g/n
Bluetooth	BLE 4.2
App System Requirements	IOS 11.0 or later; Android 7.0 or later
Photo Resolution	48MP, 42MP, 36MP, 32MP, 24MP, 20MP, 16MP, 8MP, 4MP, 2MP
Lens	F/NO=1.6; FOV(Field of View)90° Auto IR-Cut
IR-Flash	Low, Medium, High
Display Screen	2 Inch.LCD
Memory Card	Up to 128GB
Video Resolution	720P, 1080P, 2.7K, 4K
PIR Sensor	Multi Zone
PIR Sensitivity	Adjustable (Low/Middle/High)
Trigger Time	0.1 second
Weight	0.3 kg(without battery)
Operation/Storage Tem.	-20 - +60°C / -30 - +70°C
Trigger Interval	5sec.-60min.; Programmable

Time lapse	1 - 60 second (in 1 second increments) 1 - 60 minutes (in 1 minute increments) 1 - 24 hours(in 1 hour increments)
Photo Burst	1 - 5
Video Length	5Sec. –10 Min. ; Programmable
Power Supply	8xAA DC: 12V/1A adapter
Stand-by Current	< 0.3 Ma (<7mAh/Day)
Low Battery Alert	LED Indicator
Mounting	Belt/Mounting bracket
Dimensions	154 x 101 x 78 mm
Operation Humidity	5% - 90%
Security Authentication	FCC, CE, RoHS

Appendix II : Parts List

Part Name	Quantity
Trail Camera	One
Antenna	One
Belt	One
USB Cord	One
User Manual	One

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC Warning

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.

Note 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Warranty Card

Customer Name:	
Contact Tel:	
Date of Purchase:	
Series No:	
Fault Description:	
Retailer:	

The camera manufacturer provides 12 months of warranty service for this product against manufacturing defects or malfunctions. If your camera fails to function under normal use within 1 year, the camera manufacturer will repair or replace the camera at no charge. The purchase receipt must be included from an authorized retailer to validate the warranty. Improper use of the camera resulting in damage is not covered by this warranty.

The camera manufacturer can provide repair service, after the warranty expiration. The customer will be responsible for any charges on parts, labor and shipping costs. Please contact the manufacturer for more details.

Please contact the area dealer for more details.