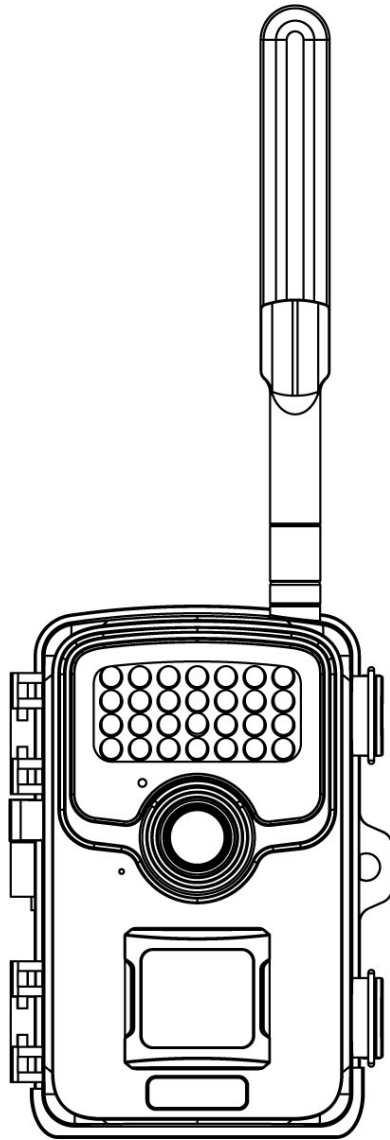


# Trail Camera



Instruction Manual

**Before using the 4G functionality,  
please download the 'TrailCam Go' APP.**



**Android**



**iPhone**



**TrailCam Go**

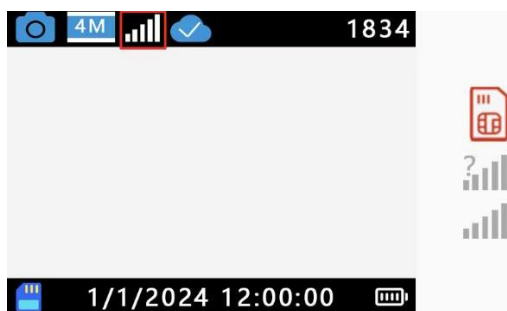
## TO ADD A CAMERA

Step 1: Check if SIM card is mounted properly,DO NOT use other SIM cards if already has a pre-installed one,otherwise setup may fail.

Step 2:Mount memory card(TF card or SD card according to different models)Step 3: Screw the antenna tightly if not pre-installed

Step 4:install batteries( 8 1.5V AA Alkaline or 1.5V Lithium batteries)

Step 5: Toggle the switch to SETUP mode,wait network connection success according to the 4G status icon

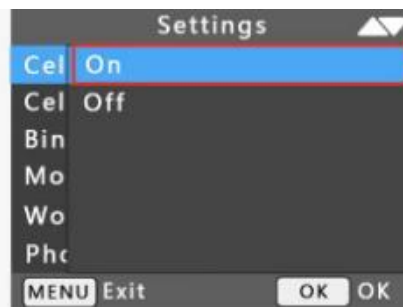
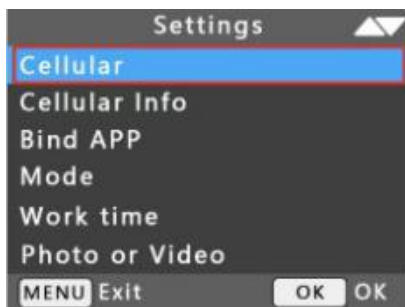


**SIM card absent**

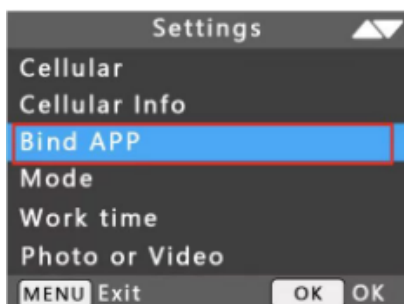
**Searching signal**

**Connected**

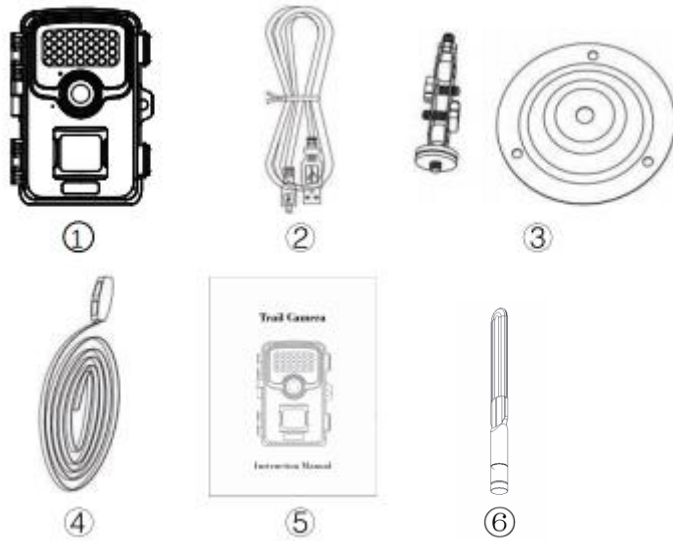
\*If 4G status icon is not visible, please turn on cellular network on camera's setting menu by press MENU key



Step 6: Touch "Bind Application"on the camera setting menu to enter the QR code scanning page, then touch the"Next" button on the camera lens to scan the generated QR code, and adjust the distance to 15-25 CM until the scanning is successful.

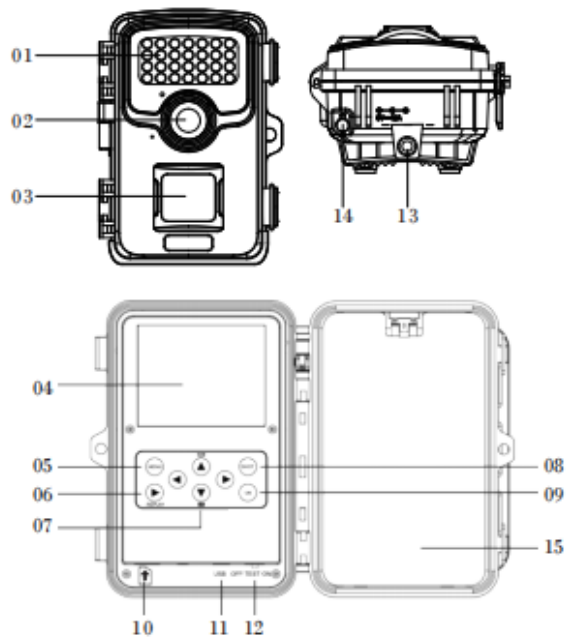


## PACKAGE CONTENTS



1. 1x 4G trail camera
2. 1x Type-C Cable
3. 1x Stand Mount & Stand Support & 3x Bolts & Stoppers
4. 1x Installation Belt
5. 1x User Guide
6. 1X4G antenna

## PRODUCT DIAGRAM



- |                       |                        |                          |
|-----------------------|------------------------|--------------------------|
| 01. Lens              | 07. Navigation buttons | 13. Fixation port        |
| 02. Infrared LEDs     | 08. Shot button        | 14. Power supply port    |
| 03. PIR motion sensor | 09. OK button          | 15. Battery holder cover |
| 04. LCD screen        | 10. Micro SD card      |                          |
| 05. Menu button       | 11. Type-C slot        |                          |
| 06. Replay button     | 12. Mode switch        |                          |

# 1. IMPORTANT NOTE

## 1.1. About Batteries

Require eight (8) 1.5V AA Alkaline or 1.5V Lithium batteries.

We recommend the use of Energizer AA Lithium batteries in this camera to obtain maximum battery life.

Do not mix old and new batteries.

Do not mix battery type.

Rechargeable NiMH AA batteries can be used, but are NOT recommended as the lower voltage (generally 1.2V) they produce can cause night recording issues, and you also may have to replace them frequently.

Remove batteries when the camera is NOT in use.

## 1.2. About SD Card

Require a standard-size micro SDXC/SDHC memory card (max capacity 128GB, Class 10).

**Before use, please format your SD card in the camera in case your SD card may not work with your camera.**

Please gently remove the protective films on the front of the camera to get the best performance, especially the protective films attached to the PIR motion sensor may cause promotion detection performance, even no capture.

## 1.3. About APP 4G Connection

In order to get better performance, the camera must be installed in the range of 4G signal coverage, such as poor signal will lead to the failure to transfer image files, or the machine will increase power consumption due to prolonged connection time. Note: Check the signal strength through the camera interface

# 2. INTRODUCTION

## 2.1. About the Camera

This is a new generation of 4G tracking cameras. This camera has built-in 4G.

Module, so you can set up the camera remotely over the network

Specialized applications ( "TrailCam Go" ).

For viewing camera cloud pictures and recordings This camera uses new innovative and ultra-clear imaging technology. This camera uses new innovative and ultra-clear imaging technology.

Includes intelligent night vision, blur removal, and 3D noise reduction

Technology that provides high resolution image quality.

## 2.2. Main Features

Low-power 4G camera, support for smaller packages, actual large number of pictures and small videos (5S) upload

Receive pictures and videos from the camera remotely in real time through the 4G function

High quality pictures (48MP still photos), 2.7K 30fps or 1296p 30fps video clips

Audio acquisition with high sensitivity ambient sound level

Clear night vision, flash range of 65 feet, camera equipped with 28 high

Performance Infrared glow-free 850nm or 940nm LEDs for use as flash lamps (not visible

Human and animal eyes)

Wide viewing angle -100 °

Easy to use/program, with well-designed operation buttons and built-in 2-in.

Color screen, easy to program, view pictures and videos on screen

Two modes of operation-motion detection and delay

Fast trigger time-about 0.2S, fast recovery time-0.2S, long trigger distance

Up to 65 feet, detection angle -100 °

Each captured message: date, time, temperature, moon phase

Running time, cycle logging, time delay, password protection

Suitable for all climates-IP66, operating temperature: -4 ~ 140 ° F

-Supports SD/SDHC/SDXC memory cards up to 128GB

-Extremely long field battery life, up to 8 months in standby mode

AA 1.5V battery (provided by user)

### 3. PARTS AND CONTROLS

The camera is equipped with 28pcs high-efficiency infrared LED, LED Indicators, Lenses, and PIR Sensors.

**TIP** : During use, if the black PIR Lens is dirty, it does not affect the performance.

If you must clean it, please try to blow it off or pick out the dirt very lightly. Do

not try to wipe it, which may cause more scratches. Due to the reliability design of the PIR lens, scratches do not reduce the PIR detection performance.

### 4. CAMERA OPERATION

Power/ Mode switch has 3 operational modes: "OFF", "ON", and "TEST".

Power/ Mode Switch	Functions
<b>"OFF" Mode</b>	1. install/ replace the batteries 2. insert an Micro SD card 3. connect to an external device or a power
<b>"ON" Mode</b>	1. Display the mode you set and count down to 10 Seconds and start working. 2. According to the setting of the camera, PIR triggers or regularly uploads pictures/videos to the cloud server, which can be viewed through the mobile phone. 3. Can be connected to the mobile phone for camera settings.
<b>"TEST" Mode</b>	1. Set up the camera 2. Manual shooting -Press the up key and then press SHOT to record Video. -Press the down key and then press Shot To Photo. 3. Connect the computer to view pictures and videos 4. Connect the mobile phone to set the camera.  <b>Note: In "TEST" mode, the camera cannot automatically take pictures and videos.It needs to be in the "ON" mode works and uploads photos and videos.</b>

### 6.ADVANCED SETTINGS:

Parameter	Settings (Bold =default)	Description
<b>Cellular</b>	<b>On</b> Off	Turn on the 4G function, which will increase the battery power consumption. The photo upload time is about 30 seconds. (In the case of good signal),

		the video recording time will increase accordingly. When the battery drops to a very low voltage, it will stop the night working mode and keep the day working mode.
<b>Cellular Info</b>	Modem:xxxxxxxxxxxxxx ICCID:xxxxxxxxxxxxxx IMSI:xxxxxxxxxxxxxx	4G module information SIM card number
<b>Bind APP</b>	Scan QR code on APP	Scan the QR code of the mobile phone to add the camera. After successful addition, the menu APP for setting the camera will also change correspondingly. It will automatically upload photos and videos only in the "ON" mode.
<b>Mode</b>	<b>Motion Detection;</b> Time lapse normal;	In Motion Detection mode, the camera will take photos or videos once triggered. In Time lapse normal mode, the camera will take photos, in Time lapse mode will take videos, periodically according to your preset "Time lapse Interval" parameter
<b>Photo or Video</b>	<b>Photo, Video,</b>	Select whether still photos or video clips are taken.
<b>Photo Quality</b>	48M, 42M, 36M, 32MP, 24MP, 20MP, 16MP, <b>8MP</b> , 4MP, 2MP	Select the desired resolution Photo. Higher resolution result Higher quality photos, but creating Larger files that take up more SD Card capacity. Larger files require It takes a long time to write to the SD card, This will slow down the shutter speed slightly Speed.  <b>Note: 16m 20m 24m 32m 36m 42m 48m will not be available after 4G is turned on</b>
<b>Photo Burst</b>	<b>01, 02, 03</b>	Select the number of photos taken in sequence per trigger.
<b>Video resolution</b>	2.7K <b>1080P</b> 720P	Select video resolution (per pixel Frame). Higher resolution result Higher quality video, but creates Larger files that take up more SD Card capacity.  <b>Note: Under the 4G function, the video with smaller resolution of 5S is uploaded by default, and the HD video supports the video with a maximum duration of 30s.</b>
<b>Video Length</b>	<b>10 seconds,</b> Optional from 5s to 10m	Select video recording length. Note: It is highly recommended to set the night video length to less than 30 seconds as the IR LEDs will consume more battery power.
<b>Audio Recording</b>	<b>On</b> Off	Selecting On will record video with sound.

<b>Detection Delay</b>	30 seconds, optional from 5s to 60m	Select the shortest length of time that the camera will wait until it responds to any subsequent triggers from the PIR sensor after a game is first detected. During the selected interval, the camera will not take pictures/videos. This prevents the SD card from filling up with too many redundant images. 0 means capture as fast as possible. Note: This option is invalid if the Mode is set as "Time Lapse".
<b>PIR Sensitivity</b>	High, <b>Medium</b> , Low	Select the sensitivity of the PIR sensor. Temperature affects sensitivity. The High setting is suitable when the ambient temperature is warm or you want to capture distant objects or capture more, and the Medium/Low setting is helpful in cold weather. Note: this option is invalid if the Mode is set as "Time Lapse"
<b>Motion Test</b>		This feature helps you aim the camera at your target area.
<b>Loop Record</b>	<b>On</b> Off	Selecting the On option will cause the oldest files to be overwritten with new captures when the SD card reaches its capacity. With the Off option selected, the camera will stop capturing images once the SD card reaches capacity.
<b>Password</b>	On <b>Off</b>	Set up a 4-digit password to protect your camera from unauthorized users. If the code is lost, you can contact customer support to reset the password.
<b>Format SD Card</b>	<b>On</b> Off	All files will be deleted after formatting the SD card. It's highly recommended that you format the SD card if it has been used previously on other devices.  <b>Caution: make sure the wanted files on the SD card have been backed up first!</b>
<b>Factory Reset</b>	<b>On</b> Off	Selecting Yes will return all your previous settings back to the manufacturer's default.

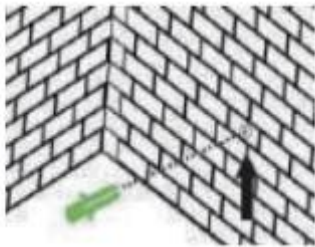
## 7. INSTALLATION

### ***If you want to put the camera on the wall.***

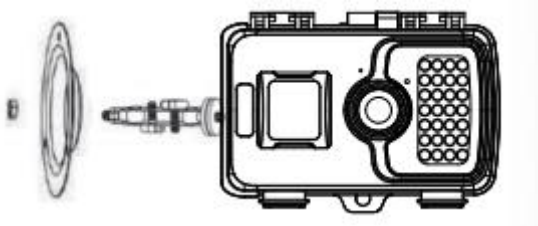
1. Mark the installation position with the help of the metal plate and make holes in the wall.



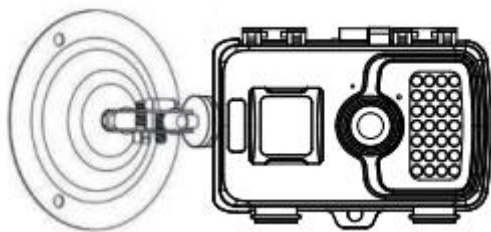
2. Put the white components in the holes.



3. Fix the Fixation Kit by following the picture.



4. Put the camera at the position you have chosen and fix the camera with screws.



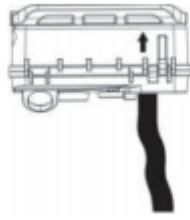
### ***If you want to put the camera on a tree.***

1. Pass the Installation Belt through the support on the back of the camera. If the Belt is too long for the tree which you choose, there are 3 holes on each side the support, you could pass the Installation Belt through several holes to shorten the belt.





2. Put the camera on the bottom of the tree.
3. Go to the other side of the tree, pass the belt through the buckles by following the picture.



4. Adjust the position of the camera then tightens the belt.
5. If you are afraid that the camera would fall, you could also use the Fixation Kit and the Installation Belt together to make sure that the camera is sturdily fixed on the right position.

## 8. PRECAUTIONS FOR USE

Please read all safety notes and helpful tips before using the camera

### ***Safety Notes***

1. The device is only designed for wildlife observation, hunting, and security monitoring. Do not use it for any other purpose.
2. Do not immerse the camera into water.
3. Do not disassemble the camera, please feel free to contact our customer service for help.
4. Do not use the different type of power source, it may result in fire or electric shock.
5. Always switch off the camera and remove the batteries after use.
6. Always disconnect the power supply during a thunderstorm/ a lightning.
7. Never subject the LCD display to heavy shocks, it may damage the screen and cause liquid leaking from inside. In case of contact with eyes or skin, rinse with plenty of water ASAP and seek immediate medical attention.

### ***Helpful Tips***

1. Place the device on an even surface or a stable stand. If you want to mount the camera on a tree trunk, install it using the premium-quality mounting hardware/ strap designed for this camera.
2. Operate the camera in a well-ventilated area.
3. To prevent damage, never subject the camera to heavy shocks and do not shake or drop it.
4. The device is not intended for use by children. Keep out of the reach of children.

### ***Note:***

1. Switch off the camera before inserting or removing the Micro SD Card. Do not insert or remove the SD card when the power switch is in the "ON" position
2. Camera only operates after installing a Micro SD Card

## 9.FAQ

If your camera does not seem to be functioning properly or if you are having photo/video quality issues, please check if you are using the latest firmware or app (the app is only applicable for the 4G model), and check the Troubleshooting/FAQ section.

### ***Q: Camera won't power up***

Make sure that you have installed eight batteries in the battery compartment, filling battery all spaces with no "gaps". Make sure that the batteries are installed

correctly, observing proper polarity. Always place the negative (flat) end of each battery in contact with the spring side of its slot inside the camera. Or install the batteries again to check if the camera can power up.

We recommend using new eight high-quality 1.5V Akinke or 1.5VLithium AA batteries. In some cases, the new batteries might be defective, even would be no power, it would be quite good if you have meter to measure the batteries voltage to double check.

Rechargeable AA batteries are NOT recommended as the lower voltage they produce can cause operational issues. The worst case is that some batteries might not be power the camera up.

### ***Q: Forget your password? How to reset the password?***

Turn the power switch to "OFF" at first.

Then press the "UP" button and the "OK" button at the same time (Don't let go of your fingers) and turn the power switch to "TEST".

The password will be cleared automatically when the camera starts.

### ***Q: The camera takes great daytime pictures, but nighttime pictures are all black.***

Manually take pictures at low lighting place (such as a dark room indoors).

Review the pictures on the camera screen or your computer, if they are still all black, please check the status (by the "customer service" menu option), and send the version and the black pictures to our support email for further assistance.

### ***Q: The camera takes continuous images of no subject***

A camera has what is known as a "False Trigger" if the PIR sensor thinks that there is motion and heat in front of the camera lens when there is no subject in the image. These "False Triggers" are the result of placing the camera in an environment where there is motion associated with tree branches creating motion in front of the camera or an area where there is high heat in the foreground and any motion from wind could set off the camera. Setting a camera up over water is also a potential cause for this issue. To remedy this situation:

Try moving the camera to an area that does not have any of these issues or try changing the sensor level on the menu settings.

If the camera continues to take images when there is no subject in them, try placing the camera in an inside environment and aiming at a location where there is no motion.

If the camera continues to show issues, then there is probably an electronic component issue. If this is the case, please contact our customer service to send the camera back for repair.

### ***Q: Battery life is shorter than expected***

Battery life varies depending on operating temperature and number of images captured

Cameras are often able to capture thousands of images over time.

Before the battery dies.

4G video recording will consume a lot of power, please try to use the camera mode, you can add 6 V power supply, solar power supply or external power supply.

Check to make sure you are using a new battery. We recommend using eight good

All cameras are equipped with premium AA 1.5V lithium batteries that provide maximum battery life.

Please make sure that you are using a high quality, name brand SD card in your camera.

Our experience has shown that inferior SD cards can sometimes lower your Camera battery life.

### Q: The camera displays no signal

1. Cameras with bound cards do not support the use of self-inserted cards.
2. Need to be used within the coverage of 4G signal. Confirm whether the card is within the valid range. The SIM card of the camera is valid for 1 year.
3. Restart the machine or try to replace the new battery

## 10. TECHNICAL SPECIFICATIONS

<b>4G uploads pictures and videos</b>	Yes
<b>MAX Photo Resolution</b>	48MP
<b>MAX Video Resolution</b>	2.7K@30fps
<b>File Format</b>	MP4/JPEG
<b>Lens</b>	f=4,F/NO=2.0,FOV=100°;Auto IR Filter
<b>Display</b>	2.0" TFT LCD
<b>External Memory</b>	Micro SD Card Up to 128GB
<b>Internal Memory</b>	Stack 256Mb DDR
<b>Range of IR Flash</b>	65 Feet ( Below 77°F/25°C)
<b>PIR Sensor Sensitivity</b>	High/Medium/Low
<b>Temperature Compensation</b>	Yes
<b>Detection Angle</b>	100°
<b>Triggering Time</b>	0.2~0.6s
<b>Shot Lag</b>	5 Seconds to 60 Minutes, Programmable
<b>Sequence</b>	1-3 , Programmable
<b>Video Length</b>	3-60 Seconds, Programmable
<b>Stamps</b>	On/Off ; Includes Serial No; Temperature and Moon Phase
<b>Target Recording Time</b>	00:00 to 23:59 , Programmable
<b>Password</b>	4-Digits (Selects from 0 to 9)
<b>Built-in Microphone &amp; Speaker</b>	Yes
<b>Capture Mode</b>	Color Images / Videos during Daytime; B&W Images / Videos at Night
<b>Auto Power Off</b>	Yes , After 2 Minutes of No Operation
<b>TV-Out</b>	Yes
<b>PC Interface</b>	TYPE C USB 2.0
<b>Power Supply</b>	8X 1 5V AA Batteries; 6V,1.5-2A DC External
<b>Waterproof Rating</b>	IP66
<b>Operating Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Dimensions</b>	-20°C to 60°C (-4°F to 140°F)



**FCC Caution.**

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.

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

Note: 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.

**\*RF warning for Mobile device:**

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.