

This cam is the best-selling scouting camera which is designed for activity and is resistant against water and snow. It is equipped with built-in infrared sensor, so that it can be triggered accurately by heat sources, then take high quality pictures or videos. Outfits fast 4G moduel, it transmits images/video to APP server anywhere. Please refer to the notes below to ensure that you are completely satisfied with this product.



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Prepar Before Start Wireless Setting

1. Pen and paper: record relevant information such as APN and ICCID.
2. Mobile phone: the operator's APN information should be checked in the mobile phone.
3. 4G SIM card、 large card frame、 card pin: check the ICCID number on the card and write it down, then install the SIM into the camera.
4. Email: for receiving "NETWORK" files.
5. Blank SD card: store "NETWORK" files.
6. Computer: it is used to edit the "NETWORK" text file and store it on the SD card.

Quick Start

- ※ Move the latch and open the camera case
- ※ Load 12 lithium AA(non-rechargeable) or alkaline AA batteries
- ※ Set "NETWORK" via APP/PC and copy it to SD card
- ※ Insert the SD card
- ※ Insert the SIM card
- ※ Switch to the SETUP Mode,wait about 1Minute
- ※ Press " UP " key to select Camera or Video Mode
- ※ Press " MENU " key to setting camera function
- ※ Press " LEFT" key to take a photo and send it to your APP
- ※ Switch to the ON Mode
- ※ Close the case and position the camera for use

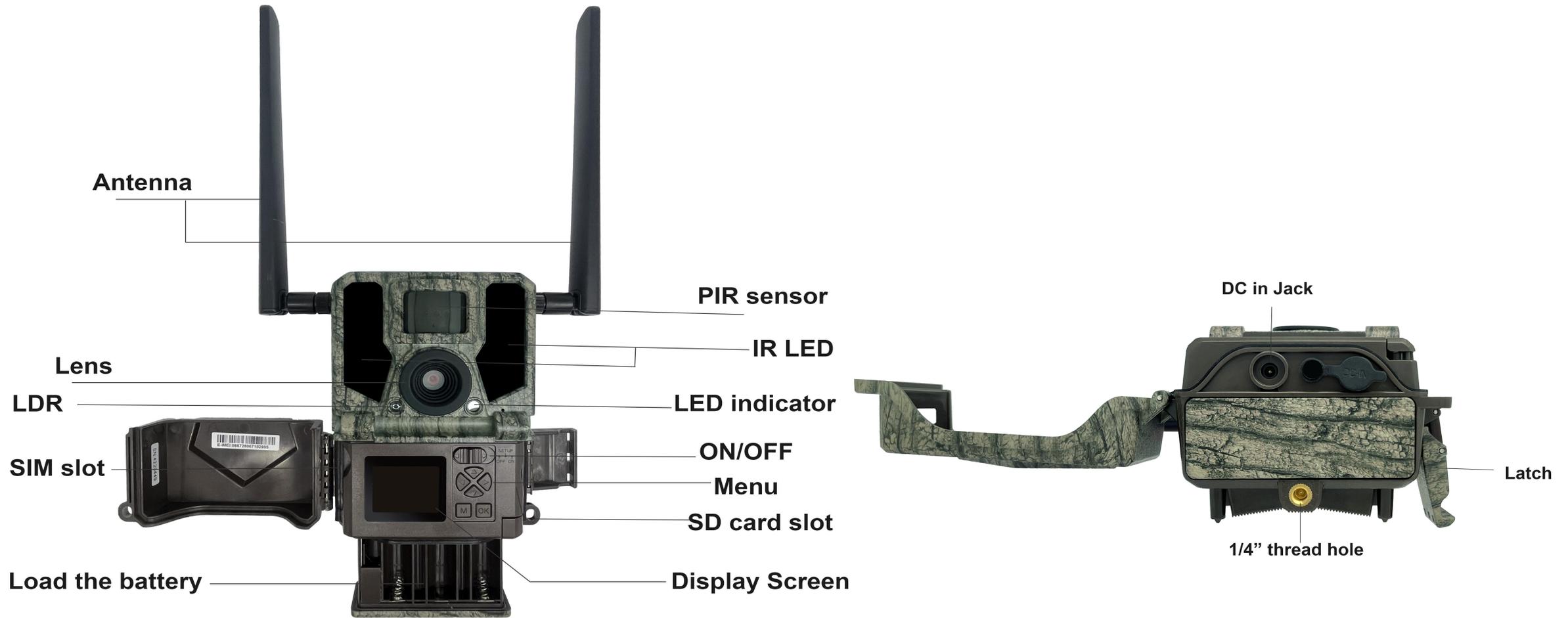
Notes Before Use

1. When setting camera parameters, please put camera in Setup mode.
2. Do not set the camera directly from ON to Setup.
3. To replace the battery, SD card, and SIM card, firstly turn camera to OFF mode.
4. Color of Indicator
 - 1) When camera is updating firmware, indicator light flashes green.
 - 2) The indicator light flashes red when it is turned on or ready for operation.
 - 3) low battery, the indicator light flashes blue.
 - 4) long standby time, the indicator flashes purple.
5. Batteries need to use dry batteries, do not use rechargeable batteries.
6. When the SD card is inserted into camera, make sure that the SD card is not in lock state.
7. When using an external power supply, make sure that voltage is 12V.
8. Please take out the battery to avoid leakage of the battery if camera is not used for a long time.
9. Camera can not be directly immersed in water, can not be placed in the environment of strong acid and alkali.
10. Don' t use your fingers to press the Fresnel lens.
11. Keep the lens and battery compartment clean.
12. Do not use sharp hard objects to scratch screen.

View Drawings



Camera Overview



Standard Accessories



1×Belt



1×USB



1×Case

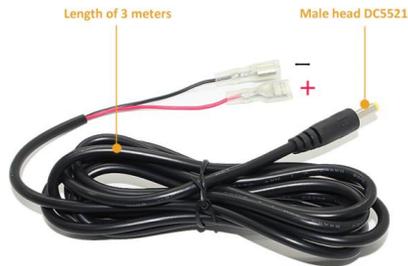


1×Manual

Other Accessories (not included)



1× Security Case



1×External battery connection wire



1×Micro-Lens
1×Wide-angle Lens



1×5M Antenna



1×Cradle Head

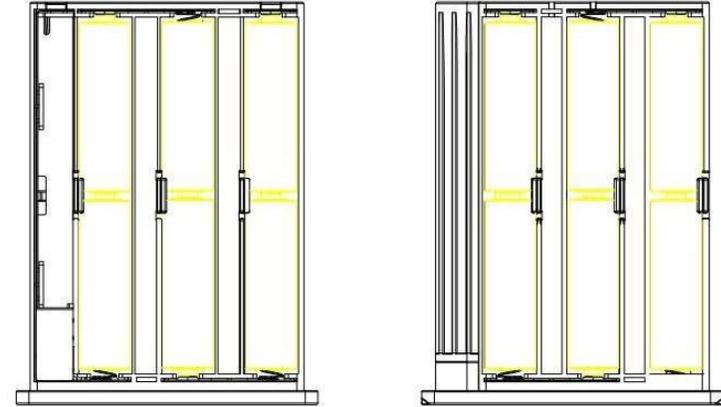


1×solar panel

Power Supply

After opening the latch on the right side of the camera, you will see that it has 12 battery slots. For maximum battery life, we recommend using 12 lithium AA or alkaline AA batteries.

Please be sure to insert each battery with correct polarity (negative or "flat" end against the long spring of each battery slot).



SD Card / SIM Card

Insert the SD card and SIM card (Camera being under OFF mode) before beginning to operate the camera.

Operational Modes

The cam has three basic operational modes: 「OFF」, 「ON」 and 「SETUP」

- 「OFF」 Mode

When cam in OFF mode, you can do the following:

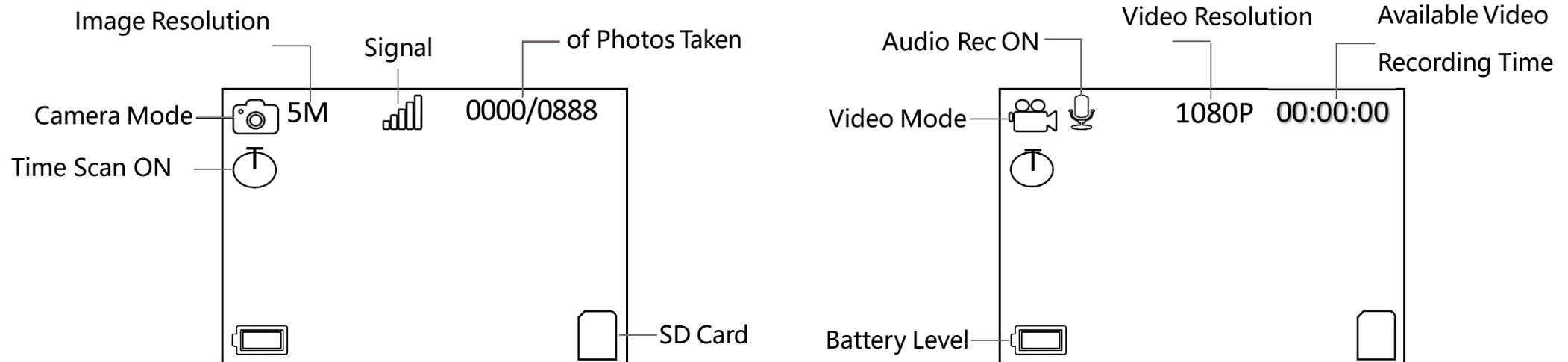
- replacing the SD card or batteries
- connecting cam with other device via USB port

- 「ON」 Mode

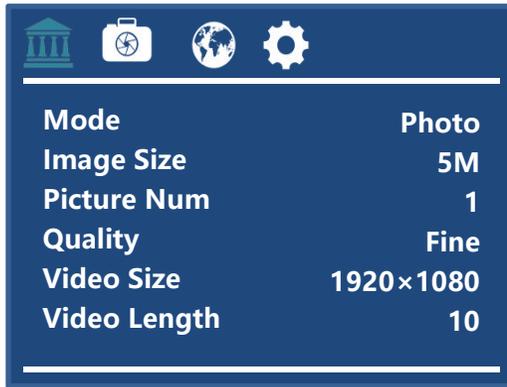
Once in ON mode no manual controls are needed or possible (the control keys have no effect). The cam will take photos or videos automatically (according to its current parameter settings) when it is triggered by the PIR sensor's detection of activity in the area it covers.

- 「SETUP」 Mode

In the SETUP mode you can check and change the settings of the cam with the help of built-in LCD. Moving the power switch to the SETUP position will turn on the LCD display and you will see an information screen.



Settings



Home	
Mode	1)Photo: Only capture pictures 2)Video: Only capture video 3)Photo+Video: Capture both pictures and videos at the same time
Image Size	Image resolution options: 5M, 20M, 36M. Higher resolution produces better quality photos, but creates larger files that take up more of the SD card capacity.
Pictures Num	Selects how many photos are taken in sequence per trigger in Camera mode.This setting affects photos taken in Field Scan mode as well.
Quality	Super Fine, Fine, Normal, select to produce the image in different quality level.
Video Resolution	2560*1440, 1920*1080, 1280*720
Video Length	Sets length per captured video clip. Settings begin with 10 second default when parameter is first selected. After going down to 5s, video length choice starts over at 60s.
Image Recycle	When you turn on image recycle, it will automatically make your new file overwrite the previous files when the SD card memory is full. Please download the picture in time and choose carefully.

Settings

	
Flash Mode	LongRange
PIR Interval	00:10
PIR Sensitivity	Auto
Work Time	OFF
Time Scan	OFF

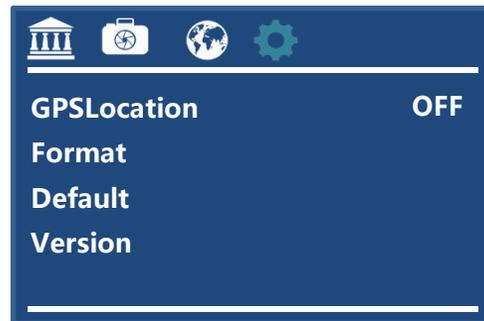
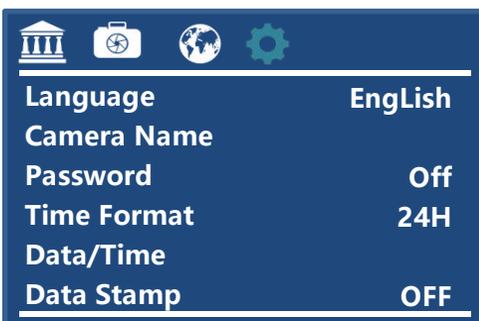
Camera Setting	
Flash Mode	Select different combinations of LED illumination and shutter speed to shoot optimized photos of objects at night.
PIR Interval	You can choose 1s~59 or 1m~60m. Selects the length of time that the camera will “wait” until it responds to any additional triggers from the PIR after an animal is first detected and remains within the sensor's range. During this period of time user set “ignore triggers” interval, the camera will not capture photos/videos. This prevents the card from filling up with too many redundant images.
PIR Sensitivity	Selects the sensitivity level of the PIR motion sensor. Low, Normal, High and Auto are the options. Auto self-adjusts for differences in temperature while the other 3 options are fixed once chosen.
Work Time	Selects the time frame that the user wants the camera to capture images. Default is 24 hours. Users who may be using the camera for security purposes may only want the camera to capture images after hours for example and avoid taking images during the busy day.
Time Scan	Time Scan (Time Lapse) recording mode on/off. When activated, Time Scan forces the camera to take photos or videos even when it is not triggered by a nearby live animal, useful for constant monitoring of an area that might be far away from the camera. The user can set start and stop times for up to two independent “blocks” of Time Scan recording, as well as the interval time between each photo/video. Interval: 1m~59m or 1h~6h

Settings



Network	
Wireless 4G	This choice is about wireless function ON/OFF. If you want to send photo to you mobile phone's APP or email, please turn it on.
Transmit Frequency	This choice is about how frequently you would like the camera to send images to you. To save battery life, you may choose Weekly.
SMS Switch	When you turn SMS Switch ON, camera is standby, will excute the command from server on time. This mode consumes a lot of power.
Registration	QR code
IMEI	QR code
ICCID	QR code

Settings



Setting	
Language	Selects user's preferred language from all ten languages. English,French,German,Italian,Russian,Finnish,Spanish,Slovak,simplified Chinese,Chinese Traditional.
Camera Name	Select Camera Name Input to place a unique custom name on the image stamp of your camera' s images.
Password	Select" ON" If you want to protect your camera with a password. Once password is set, whenever you turn on the camera, you will need to enter a four-digit password. Select "OFF" for no protect with a password.(Please remember your password.) Once all settings are made, press OK to save.
Time Format	24H or 12H
Data/Time	Set day and time.
Data Stamp	Selects whether the user wants to have the Time and Date stamped on images. The default mode is ON.
GPS Location	Gain camera's location information and send to server.
Format	Deletes (erases) all files stored on a card to prepare it for reuse. Always format a card that has been previously used in other devices. Press OK to execute, press MENU (or select NO then press OK) to exit without formatting.
Default	This function allows the user to revert the camera to the default settings set at the factory.
Version	

Settings in APP

1) SETUP APP

Search **GUARDPOINT** in APP store, or scan below the code, then install the APP



ISO APP

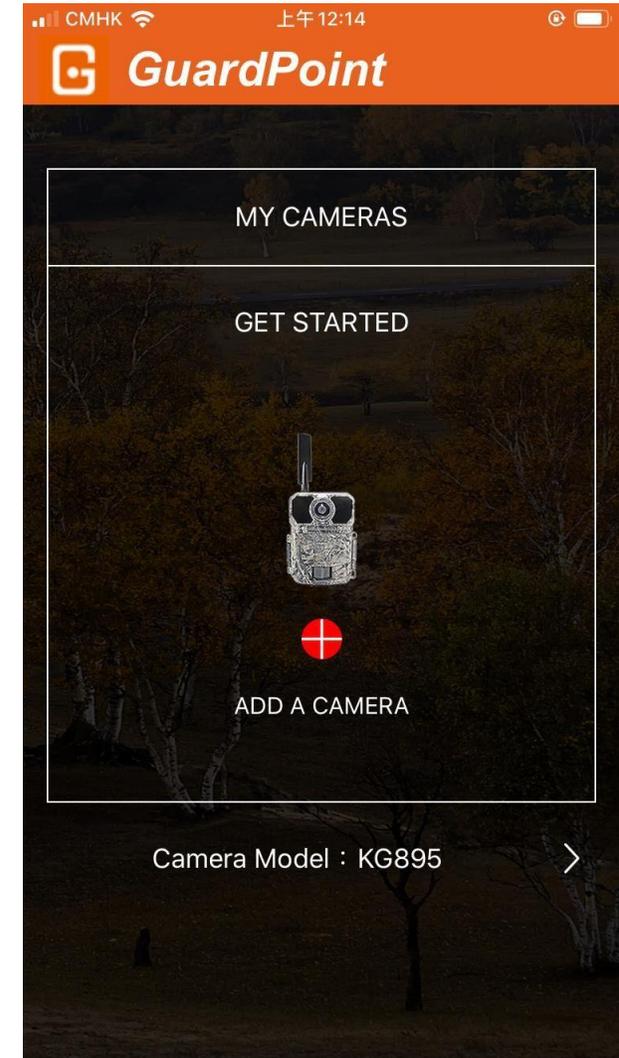
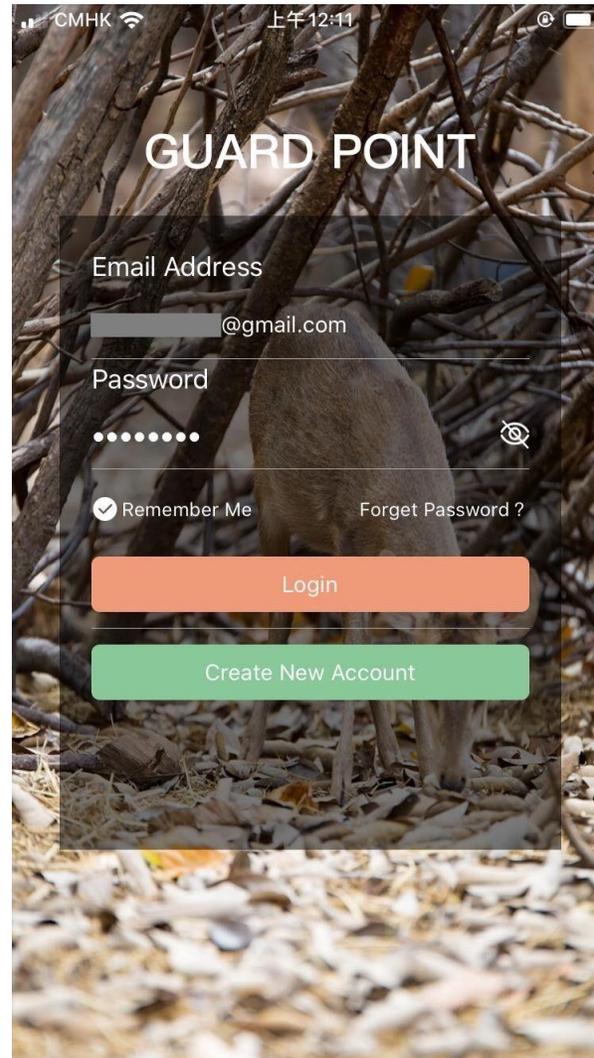


Android APP

2) Account registration



ADD A CAMERA



Settings in APP

3)ADD A CAMERA

Serial Number:

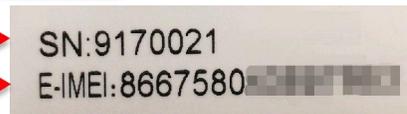
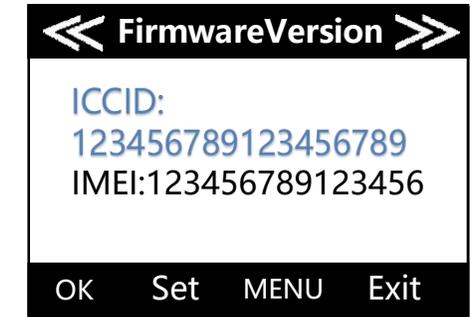
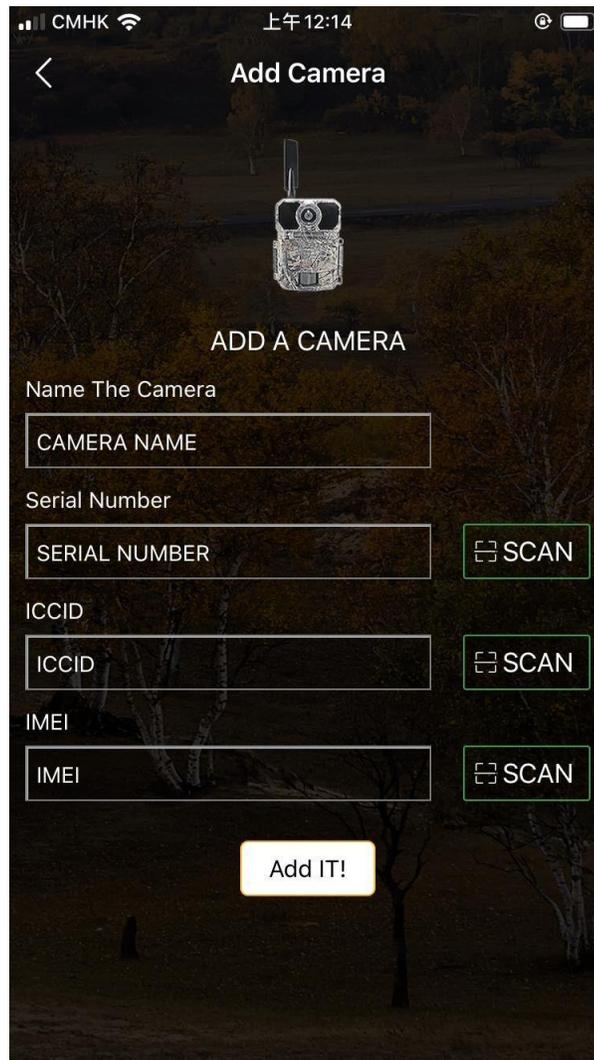
Find it on the camera

ICCID:

Find it in camera's MENU

IMEI:

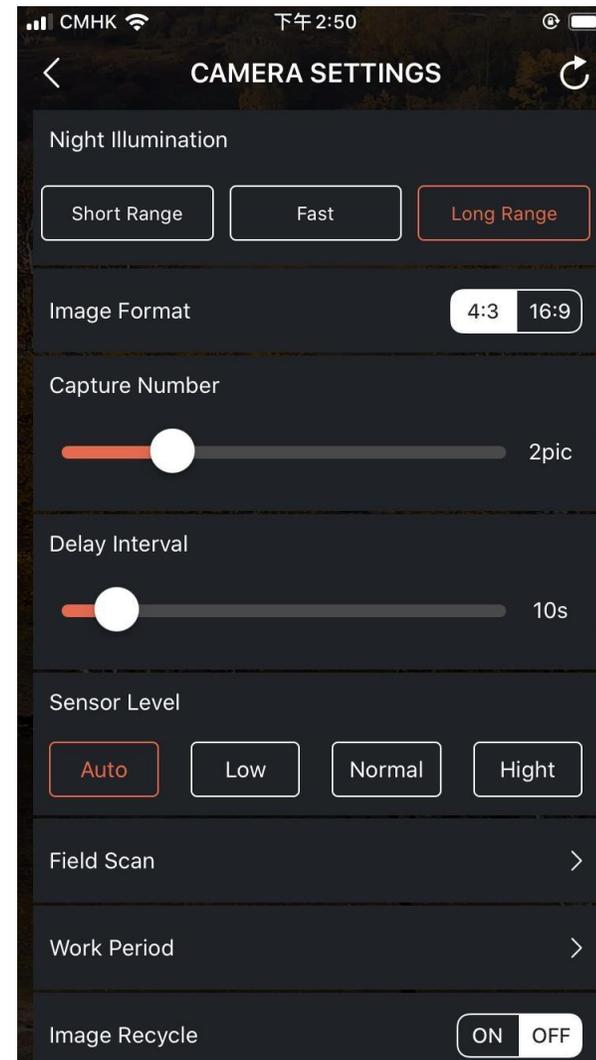
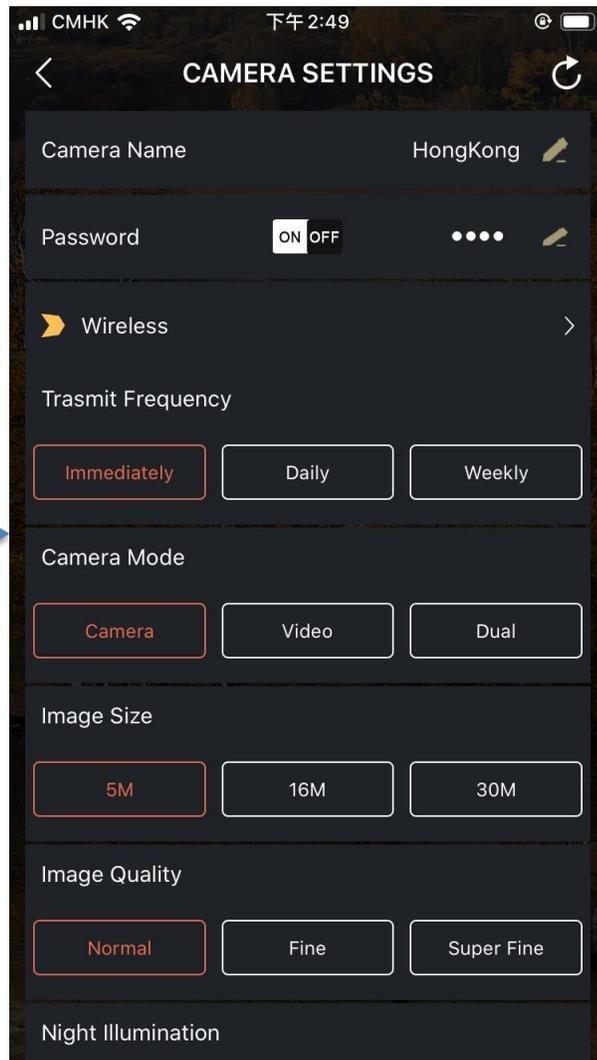
Find it on the camera



Settings in APP

4) Camera Settings

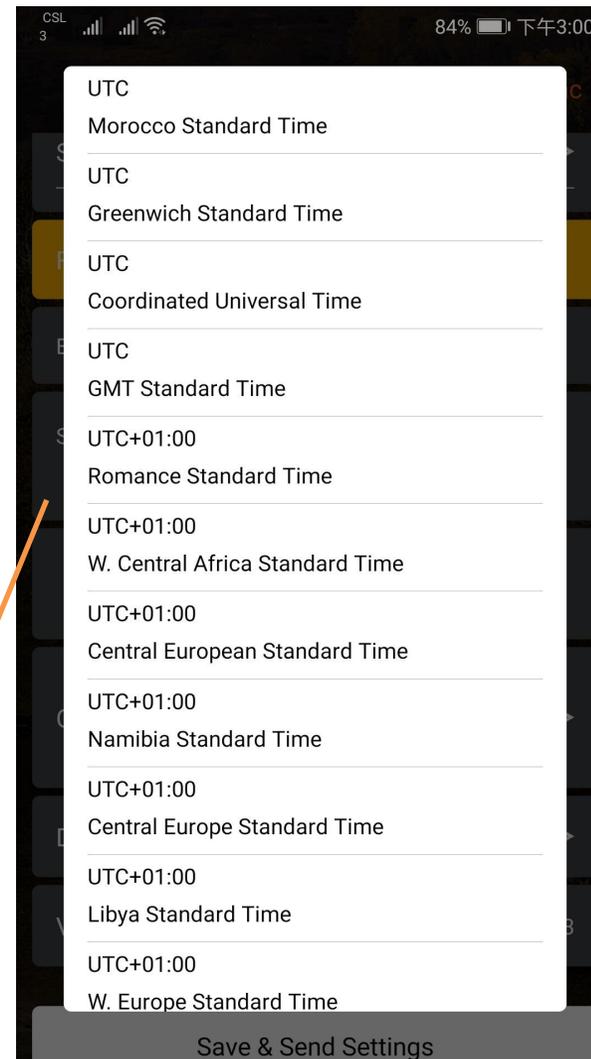
Please remember to **SAVE** the Settings after each modification.



Settings in APP

Camera Settings\ Camera's Time Zone

Please select the time zone of your country.

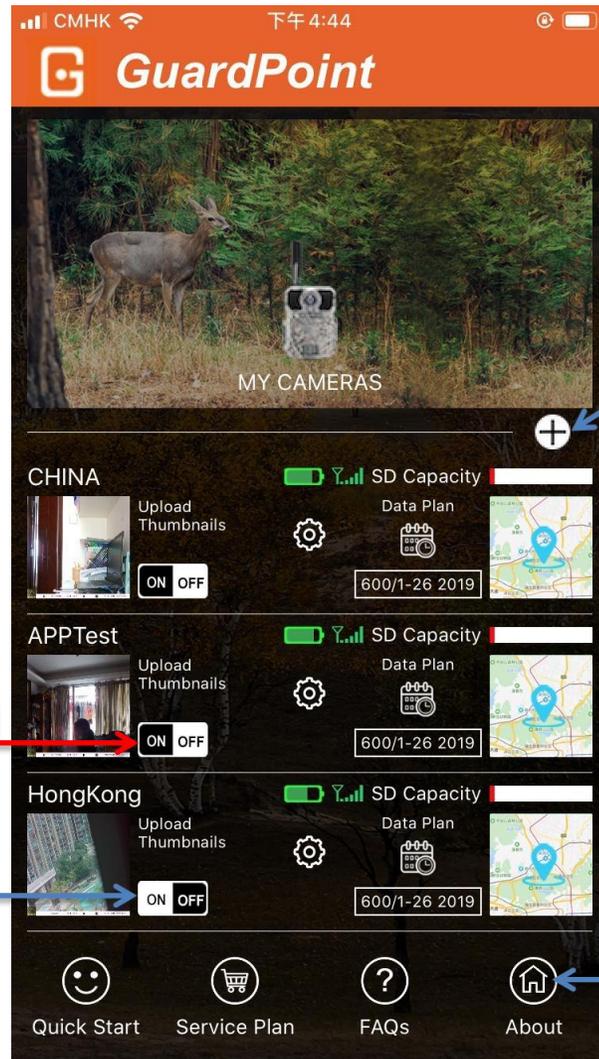


Please remember to **SAVE** the Settings after each modification.

Settings in APP

5) Main Page

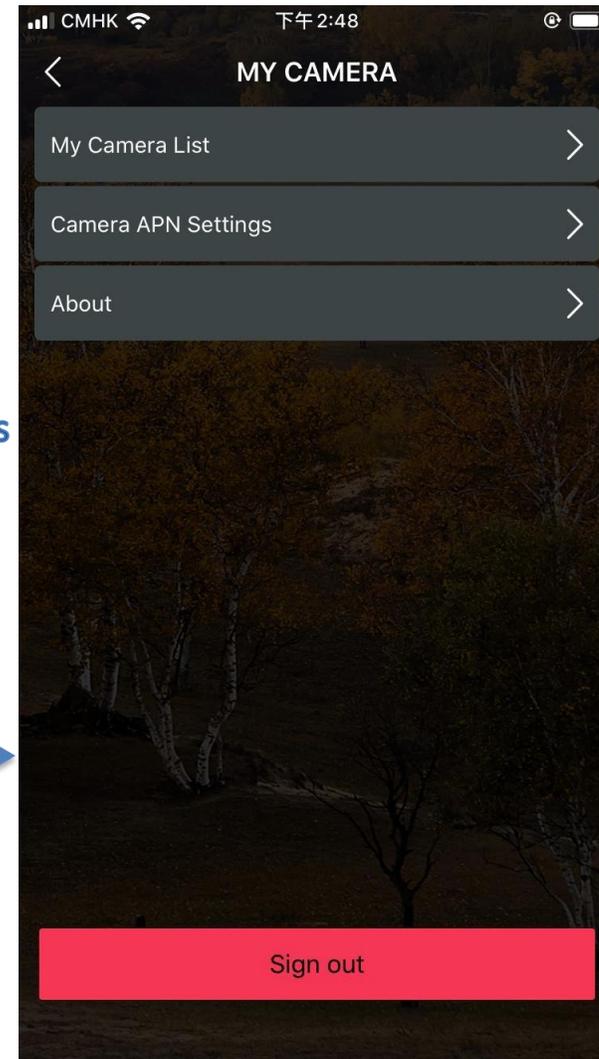
Quick Start
Service Plan
FAQs
About



ON is not valid

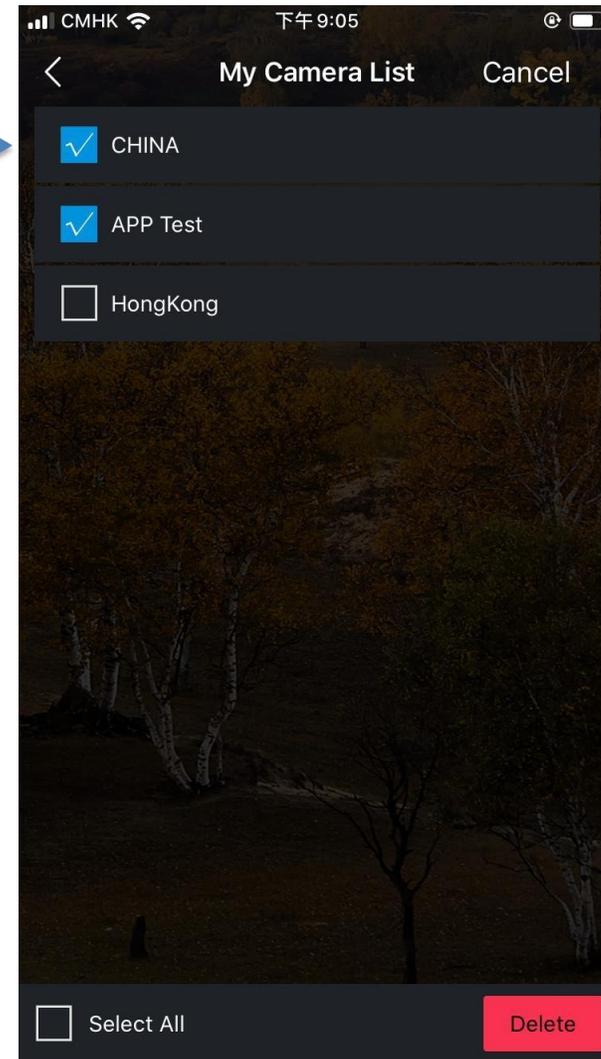
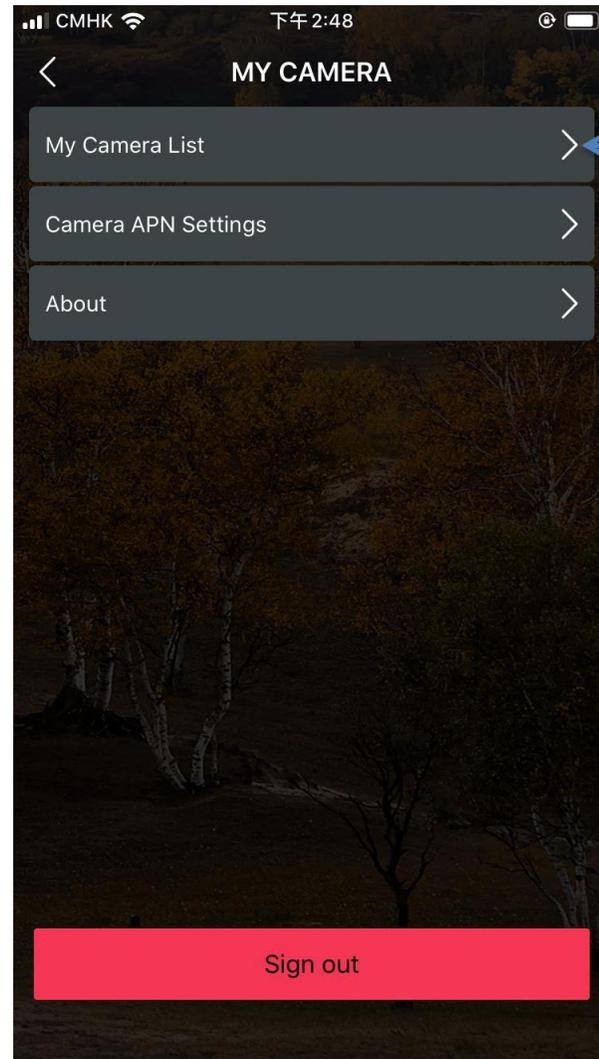
ON is valid

ADD
More
Cameras



Settings in APP

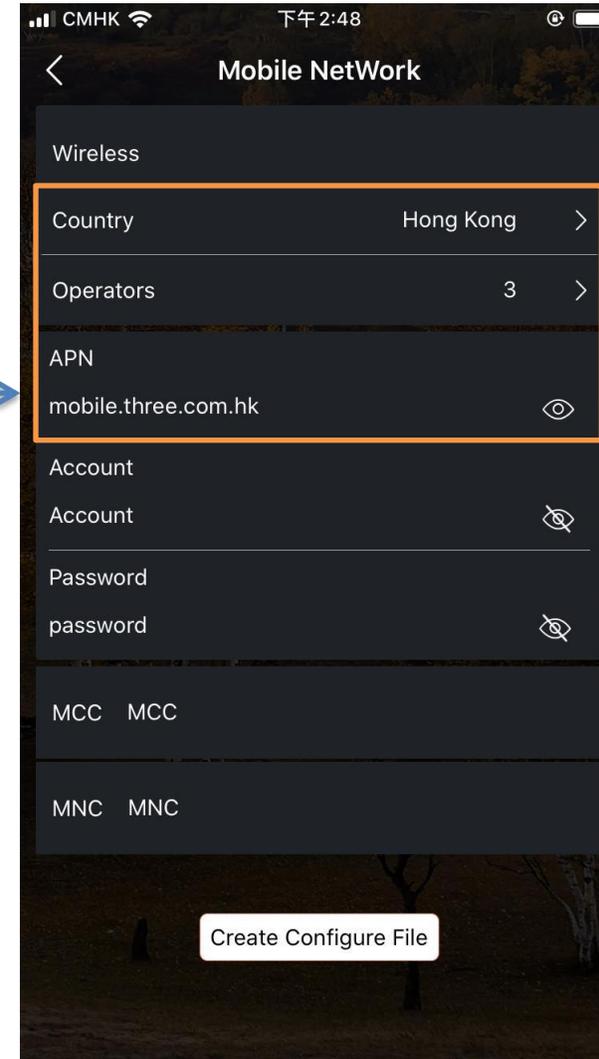
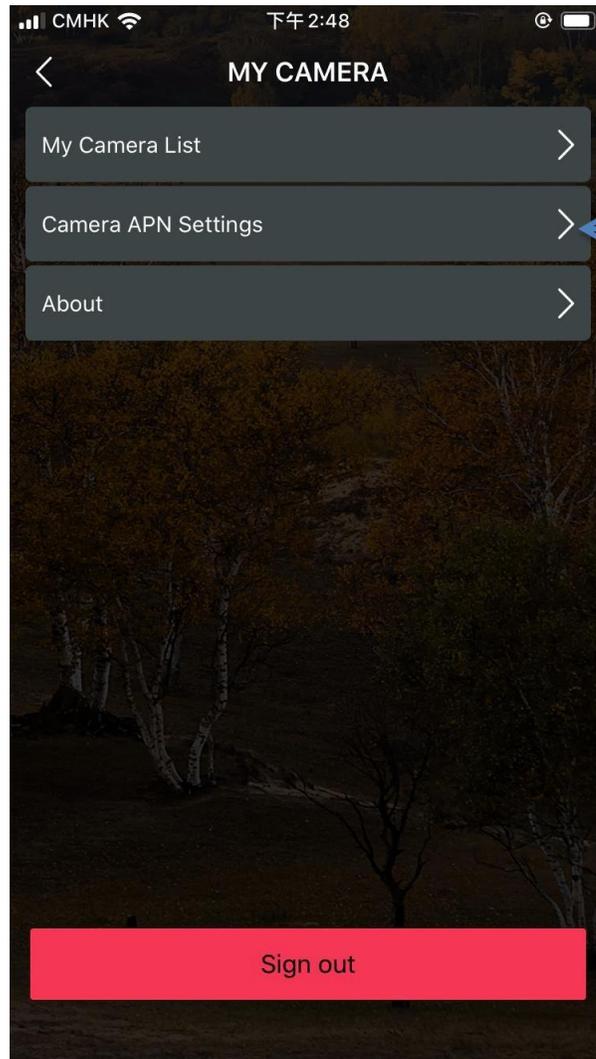
6) My Camera List



When you change your phone or account, be sure to remove the unwanted camera here. Before removing the camera, please don't forget to download the required pictures. Otherwise, you will lose those pictures forever.

Settings in APP

7) Camera APN Settings



If you need to add more cameras, you can quickly make a NETWORK file here, the file will be sent to your registration email, you download the file and put it on the SD card, put the SD card in the camera, you can complete the camera registration.

MOUNTING and POSITIONING

Mounting

Optimum height: 5-6.5 inch (1.5-2 m)

Optimum distance: 60inch (9m) - 10inch (3m)

There are two ways to mount cam: using the provided adjustable web belt, or the tripod socket.

- Using the adjustable web belt: Push one end of the belt through the two brackets on the back of cam. Thread the end of the strap through the buckle. Fasten the belt securely around the tree trunk by pulling the end of the strap firmly so there is no slack left.
- Using the tripod socket:The camera is equipped with a socket at the bottom end.

Sensing Angle and Distance Test

To test whether cam can effectively monitor the area you choose, this test is recommended to check the sensing angle and monitoring distance of cam. To perform the test:

- Switch cam to SETUP mode.
- Make movements in front of the camera at several positions within the area. Try different distances and angles from camera.
- If indicator LED light flash, it indicates that position can be sensed.

The results of your testing will help you find the best place where mounting and aiming the cam. The height from the ground for placing the device should vary with animal size appropriately. In general, 3 to 6 feet is preferred. You can avoid potential false triggers due to temperature and motion disturbances in front of the camera by not aiming it at a heat source or nearby tree branches or brush (especially on windy days).

Specification

Lens	f=7.36mm F/NO:2.8 FOV=55°; Auto IR-Cut-Remove (at night); Support micro lens: 450mm
Trigger Time	<0.2s
Mode	Photo; Video; Photo+Video
Image Size	5MP;20MP;36MP
Capture Number	1-9
Video Size	2560*1440;1920*1080; 1280*720
Video Length	5s-60s
Camera Name	Input
Interval	1s-60m
Coordinate Input	Set it in mobile's APP
Time Stamp	On
Work Period Set	ON; OFF
Timed Scan	2X;Interval: 1m~59m or 1h~6h
Video Sound	On
Format	Execute
Default Set	Execute
Language	English, Français, Español, Portugues, Deutsch, Italiano,Русский, 日本語, 繁體中文, 简体中文

Warranty Card

Warranty

Model _____

Serial No. _____

Date of Purchase _____

Your Name _____

Address _____

Tel No. _____

Warranty State

During warranty, hardware failure occurring, which caused by product itself, we will provide free maintenance service for the customer. Free warranty is for the first year. If there is a need for repair, you should offer this warranty card, please take care of this card.