

KW886 is a abbreviated cellular trail camera, it is the best cellular trail camera for beginner, we simplified the menu of this camera to make everything concise, it is easily to setup and operate, even elder can use it smoothly. With built-in sim card (esim card), KW886 is a plug & play ready device, doesn't require a cumbersome installation and setup process.



## Contents

---

Quick Start Notes before use-----	2-3
View Drawings-----	4
Camera Overview-----	5
Standard Accessories -----	6
Power Supply -----	7
SD Card -----	7
Operational Modes -----	8
Settings-----	9-15
Software in APP-----	16-22
Mounting and Positioning -----	23
Specification-----	24
Warranty Card-----	25

## Quick Start

---

- 1) Download the free Trail Camera app "Guard Piont" on your smartphone from the App Store (iPhone®) or Google Play® (Android®).
- 2) Open the app, then sign in or create a new account.
- 3) Log in and click "+" below the Camera icon on the screen to add a new camera. Scan the QR code on the veiw screen of your KW886 or manually or enter its SN number, IMEI number and ICCID number to associate this camera with your account.
- 4) Move the latch and open the camera case.
- 5) Load 12 lithium AA(non-rechargeable) or alkaline AA batteries.
- 6) Switch to the SETUP Mode,wait about 1Minute.
- 7) Press " UP " key to select Camera or Video Mode.
- 8) Press " MENU " key to setting camera function.
- 9) Press " LEFT" key to take a photo and send it to your APP.
- 10) Switch to the ON Mode.
- 11) 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.

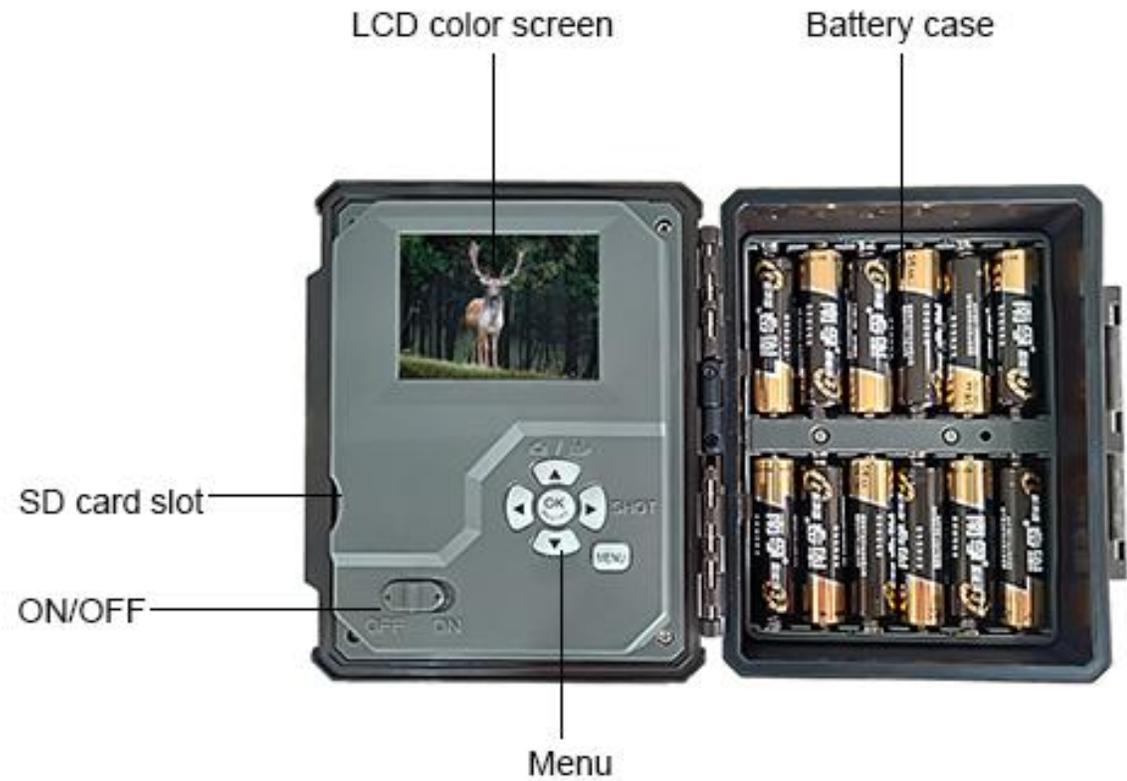
# View Drawings

---



# Camera Overview

---



## Standard Accessories

---



1×Belt



1×USB



1×Case



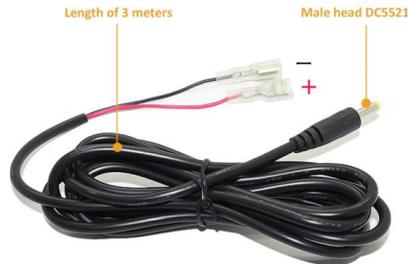
1×Manual

## Other Accessories (not included)

---



1× Security Case



1×External battery connection wire



1×5M 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.

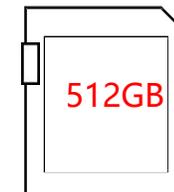
Please be sure to insert each battery with correct polarity (negative or “flat” end against the long spring of each battery slot).



## SD card

---

Insert the SD card ( Camera being under OFF mode ) before beginning to operate the camera. SD card is supported up to maximum 512GB capacity.



# Operational Modes

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

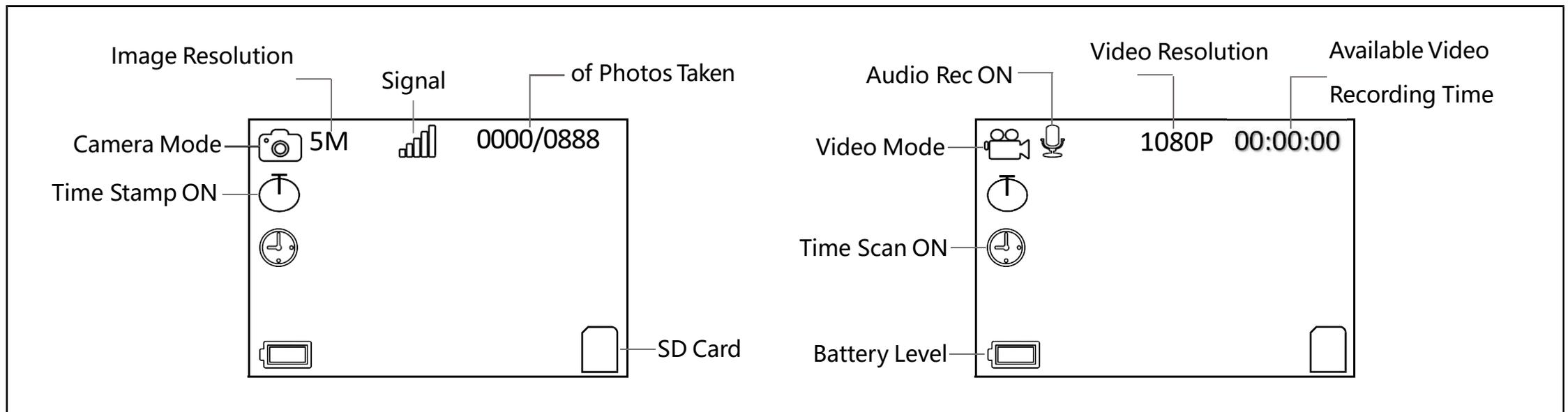
- 「OFF」 Mode

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

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

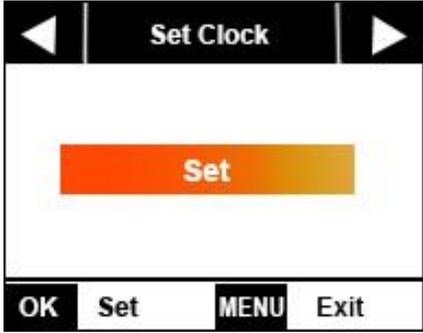
- 「ON」 Mode

Press ON, camera will start up, 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. Camera will enter working mode if you didn't operate for few minutes. Once in working 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.



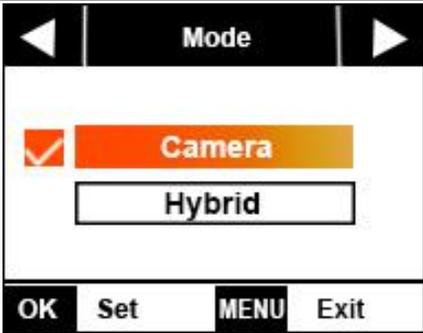
# Settings

Set Clock



Press OK and use UP/DOWN keys ( to change the setting ) and LEFT/RIGHT keys ( to move to the next field ) to set the hour ( 24-hr format only, "00" =midnight, "12" =noon) and minute, and then (on the lower row ),the year,month and date. Once all settings are made, press OK to save.

Mode



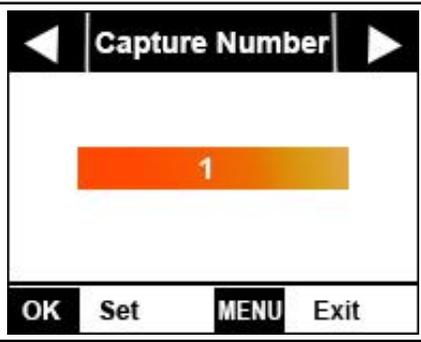
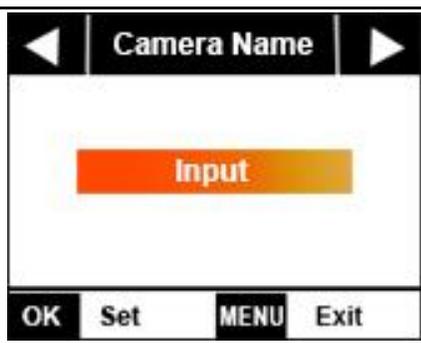
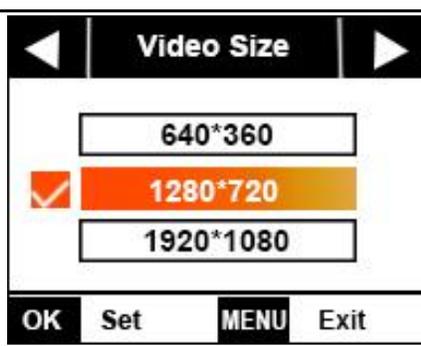
Selects whether still photos or video clips are captured when the camera is triggered. "Hybrid" = A photo (multiple photos, if NUM PICS is set >1) followed by a video clip will be captured for each PIR trigger event.

Image Size

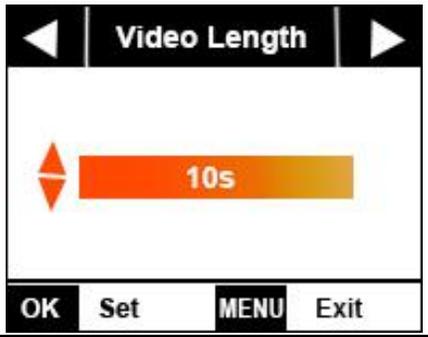
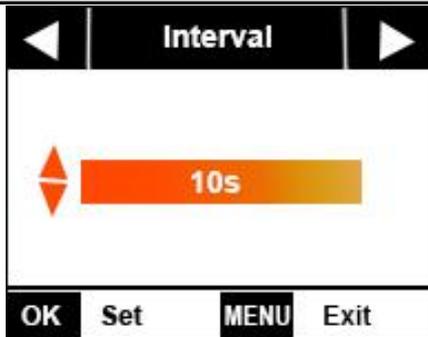
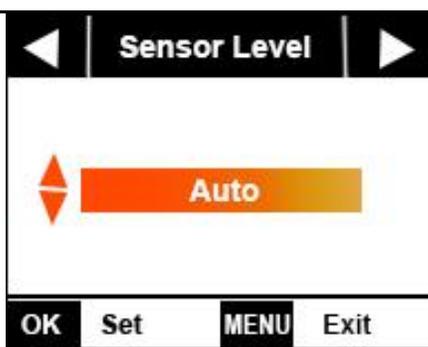


Select the image resolution and size.  
Note: Larger sizes mean higher image resolutions that take up more space on the SD card. Medium is the recommended default for good resolution and smaller size.

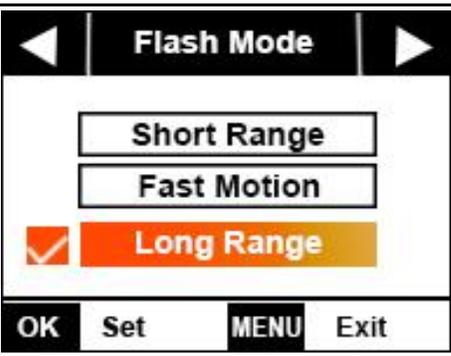
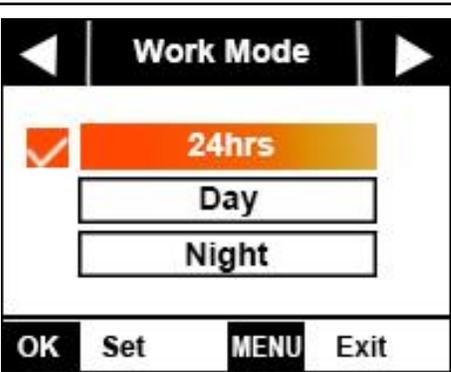
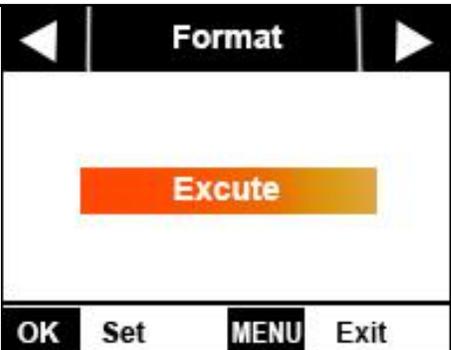
# Settings

Capture Number		Selects how many photos are taken in sequence per trigger in Camera mode (1-3) .This setting affects photos taken in Field Scan mode as well.
Camera Name		Allows the user to set a custom name for the camera. Useful for ID purposes when multiple cameras are setup, since each camera will imprint its name on all photos (but not videos) it captures.
Video Size		Selects video resolution (in pixels per frame). Higher resolution produces better quality videos, but creates larger files that take up more of the SD card capacity (fills up faster).

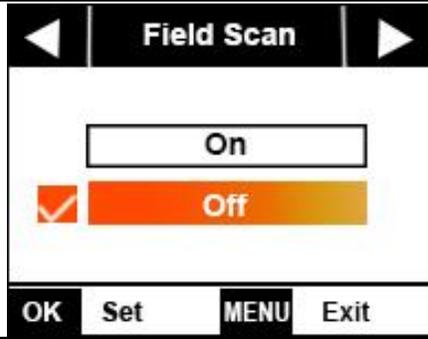
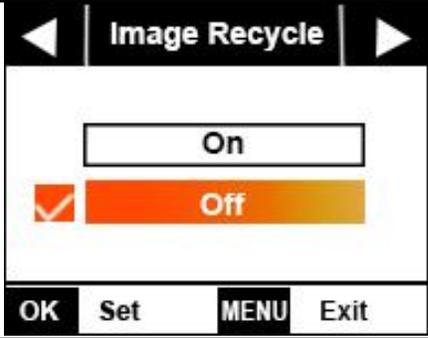
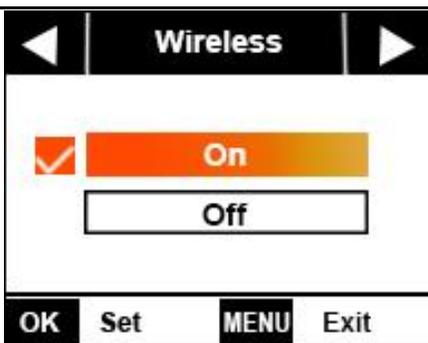
# Settings

Video Length		<p>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 30s.</p>
Interval		<p>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.</p>
Sensor Level		<p>Four kinds of choice: Auto, Low, Normal, High. The default "Auto" setting will allow the camera to determine the best setting based on its current operating temperature. This is an ideal setting if the weather is expected to change significantly during the period the camera will be used. The Low setting is recommended in cold weather; the High setting is recommended in hot weather.</p>

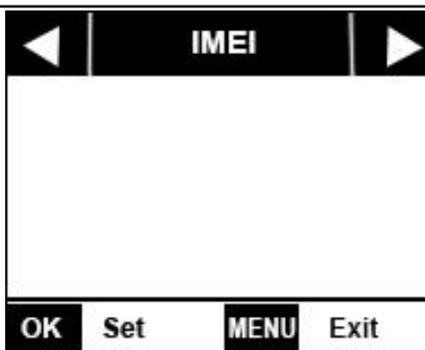
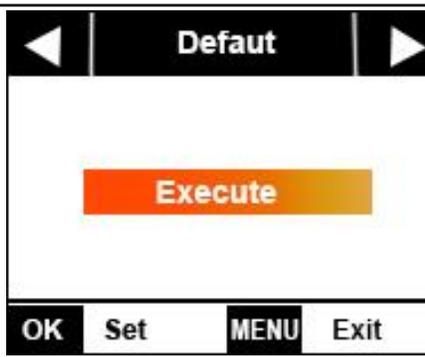
# Settings

Flash Mode	 A screenshot of the camera's 'Flash Mode' menu. The title 'Flash Mode' is at the top with left and right arrow icons. Below it are three options: 'Short Range', 'Fast Motion', and 'Long Range'. 'Long Range' is highlighted in orange and has a white checkmark to its left. At the bottom are four buttons: 'OK', 'Set', 'MENU', and 'Exit'.	<p>Selects the shutter speed and flash intensity. Note: These settings only affect the quality of your nighttime images. Short Range: Recommended for subjects at less than 60' . Fast Motion: Recommended for subjects moving quickly through the frame. Long Range: Recommended for maximum illumination range and field of view. (You may experience more motion blur at with this setting.)</p>
Work Mode	 A screenshot of the camera's 'Work Mode' menu. The title 'Work Mode' is at the top with left and right arrow icons. Below it are three options: '24hrs', 'Day', and 'Night'. '24hrs' is highlighted in orange and has a white checkmark to its left. At the bottom are four buttons: 'OK', 'Set', 'MENU', and 'Exit'.	<p>Allows you to select when the camera is active. Day only, Night only, or 24 hours.</p>
Format	 A screenshot of the camera's 'Format' menu. The title 'Format' is at the top with left and right arrow icons. Below it is a single option 'Excute' highlighted in orange. At the bottom are four buttons: 'OK', 'Set', 'MENU', and 'Exit'.	<p>This will format the SD card in the camera, erasing ALL images and data from the SD card.</p>

# Settings

Field Scan		<p>Allows you to capture images without requiring a trigger during a specified time period and interval. For instance, it will take picture every 5 minutes between 8am and 5pm if that is your desired time period.</p> <p>On: Allows you to select two time periods within a 24-hour period and the interval.</p> <p>Off: The recommended default.</p>
Image Recycle		<p>On: Replaces the oldest images on the SD card with the newest when the card is full.</p> <p>Off: Does not replace any images on the SD card. If the SD card is full it will stop saving images.</p>
Wireless		<p>Activates/Deactivates the cellular communication functionality of the camera. Wireless ON will upload and save images to the SD card while Wireless OFF will not upload and will ONLY save images to the SD card.</p>

# Settings

Sending Image Size		You can choose what size of image to send to your APP from here.
IMEI		Use your APP on smart phone to scan the QR code when adding the camera to your APP.
Default		This will restore the camera to all factory default settings.

# Settings

---

Version	<p data-bbox="438 189 858 249">◀ <b>Version</b> ▶</p> <p data-bbox="438 249 858 475">KW885NC2D×19207.006</p> <p data-bbox="438 475 858 521"><b>OK</b> Set <b>MENU</b> Exit</p>	<p data-bbox="1003 311 1832 354">This Page shows camera firmware information.</p>
---------	--	---

# Settings in APP

## 1) SETUP APP

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



ISO APP

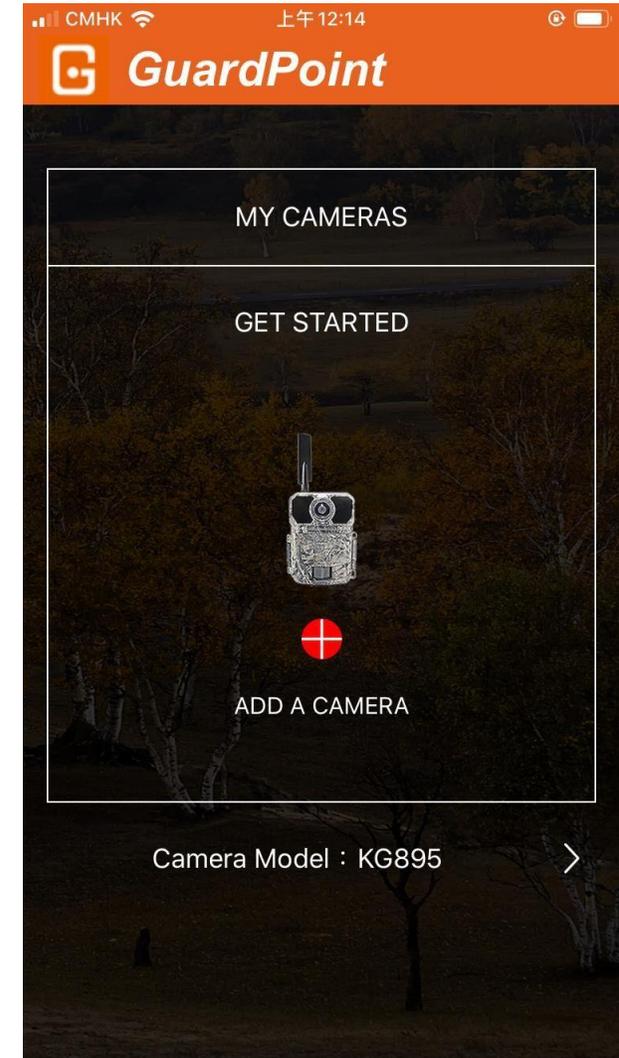
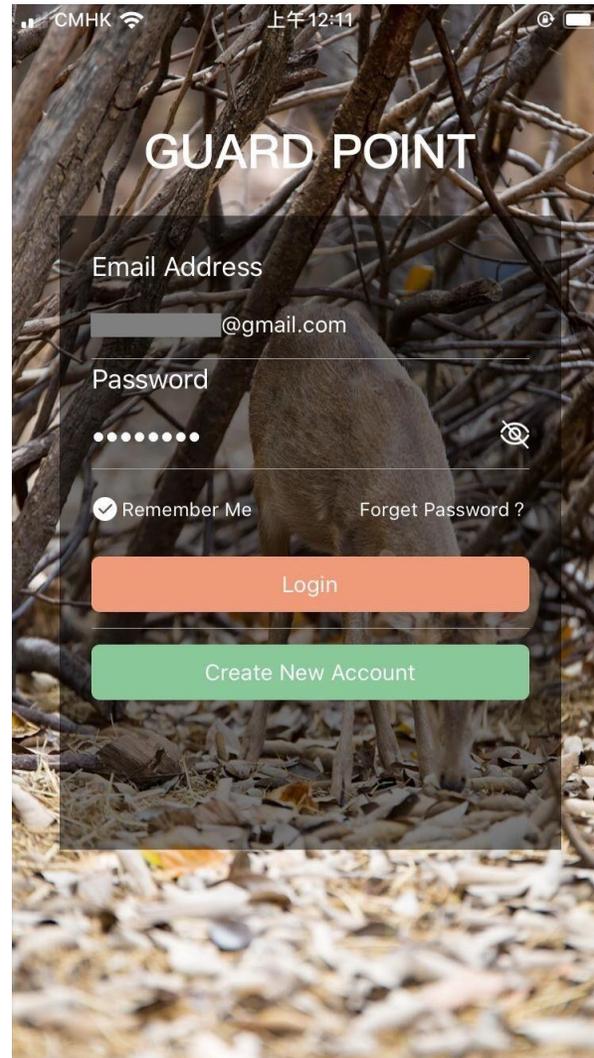


Android APP

## 2) Account registration



ADD A CAMERA



# Settings in APP

## 3)ADD A CAMERA

### Serial Number:

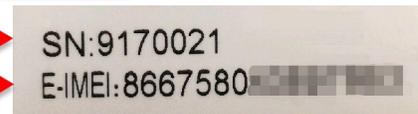
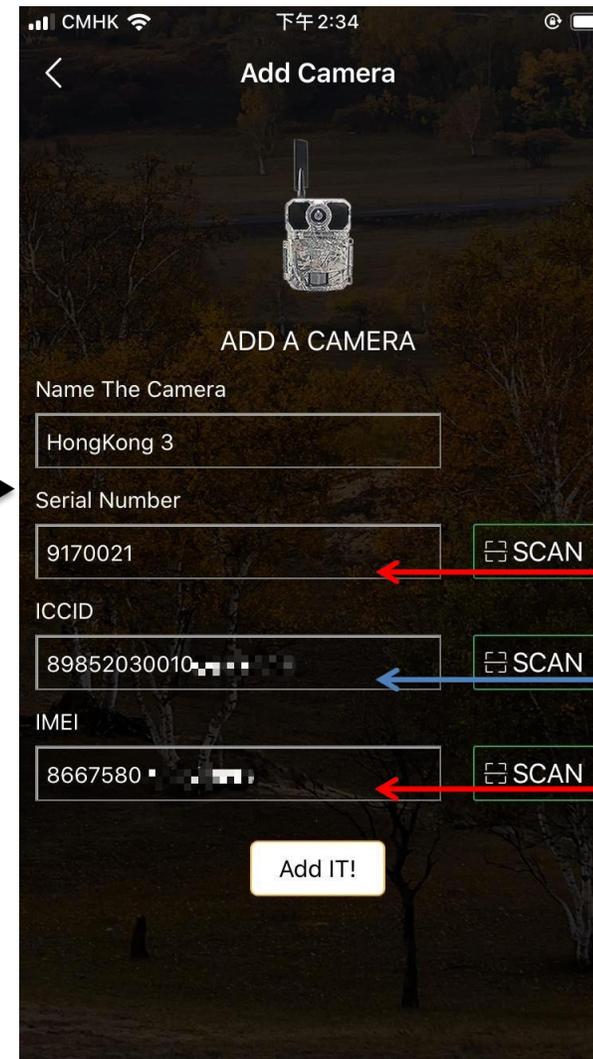
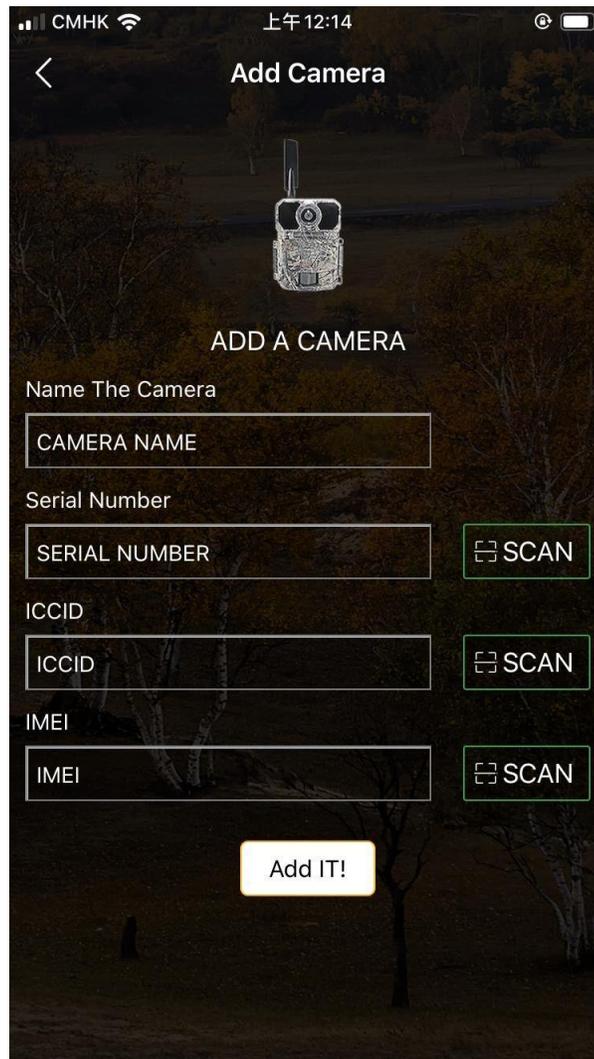
Find it on the camera

### ICCID:

Find it in camera's MENU

### IMEI:

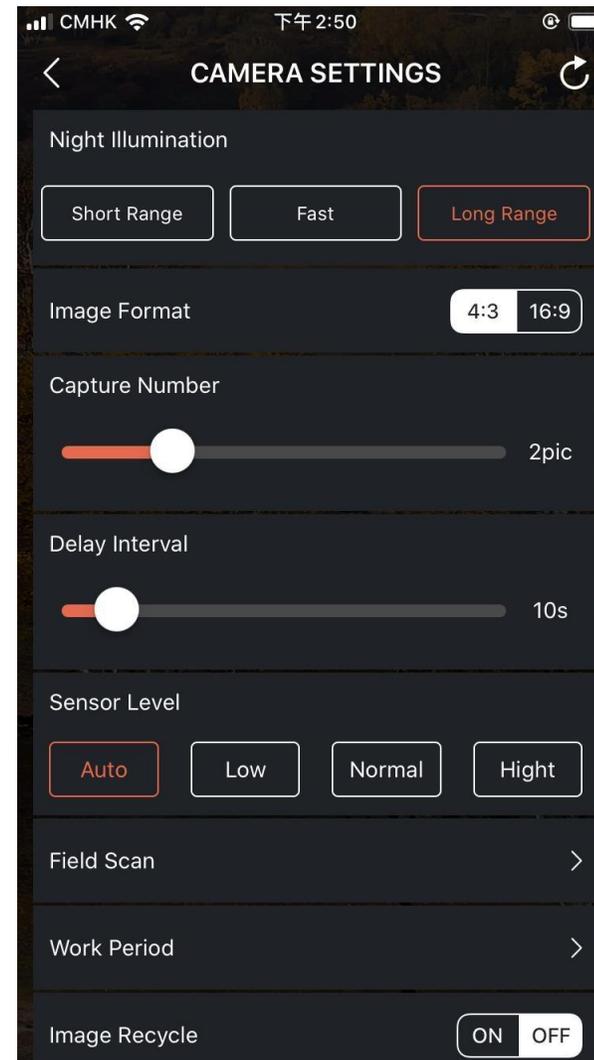
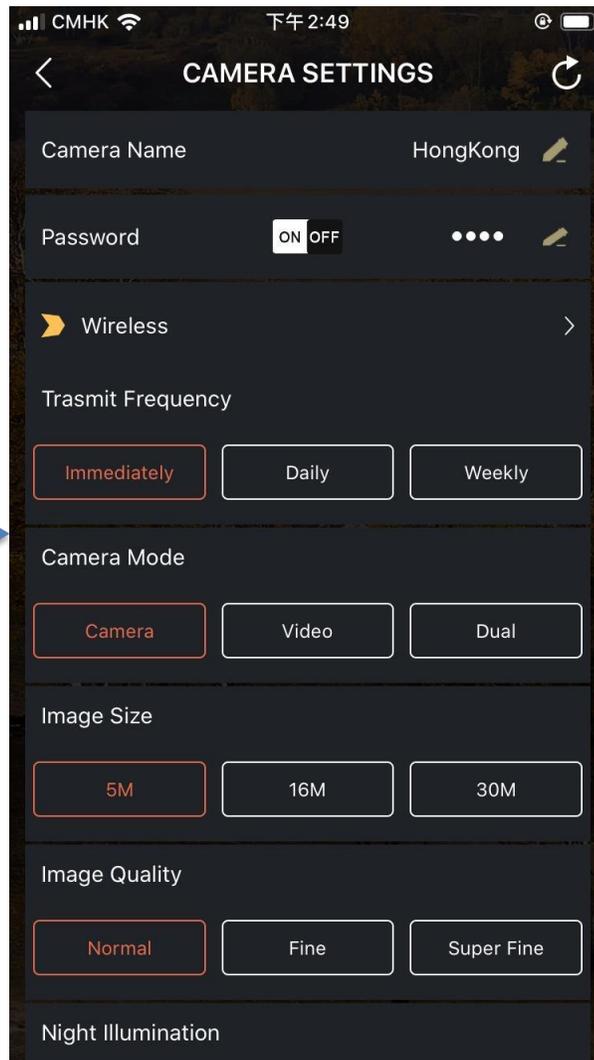
Find it on the camera



# Settings in APP

## 4) Camera Settings

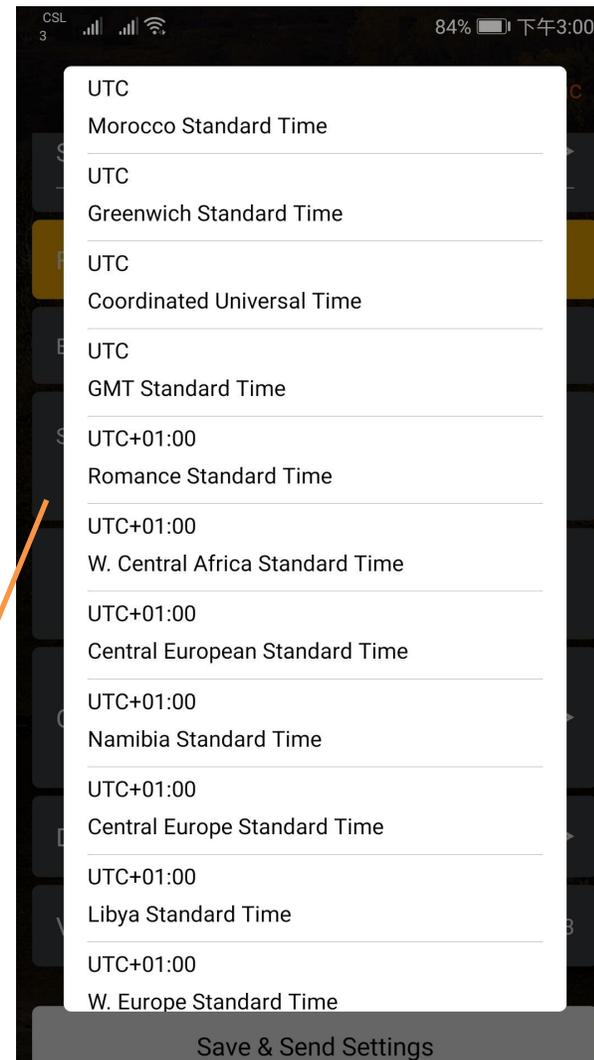
Please remember to **SAVE** the Settings after each modification.



# Settings in APP

## Camera Settings\ Camera's Time Zone

Please select the time zone of your country.

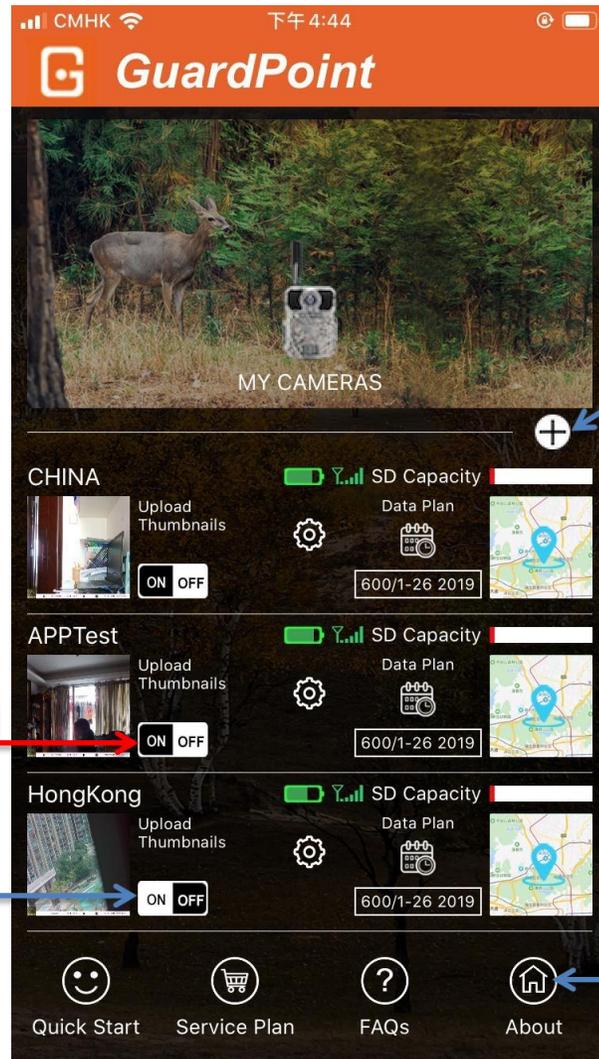


Please remember to **SAVE** the Settings after each modification.

# Settings in APP

5) Main Page

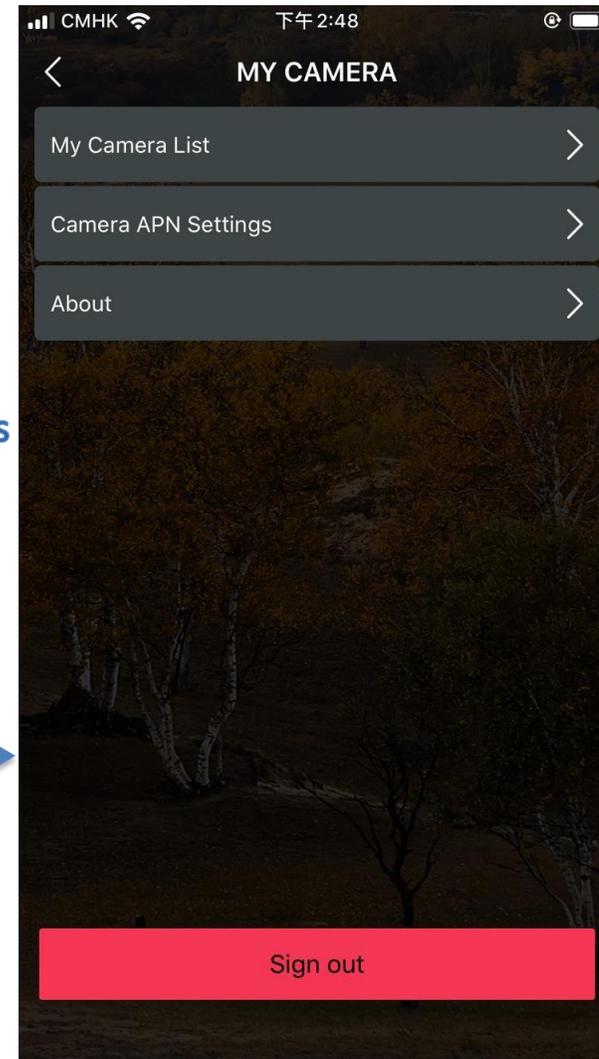
Quick Start  
Service Plan  
FAQs  
About



ADD  
More  
Cameras

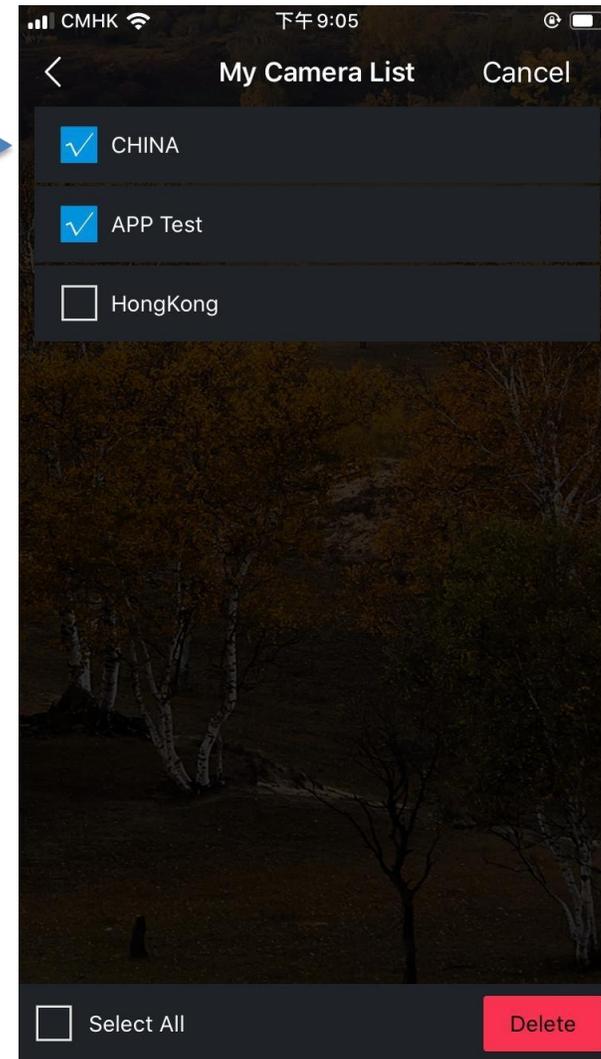
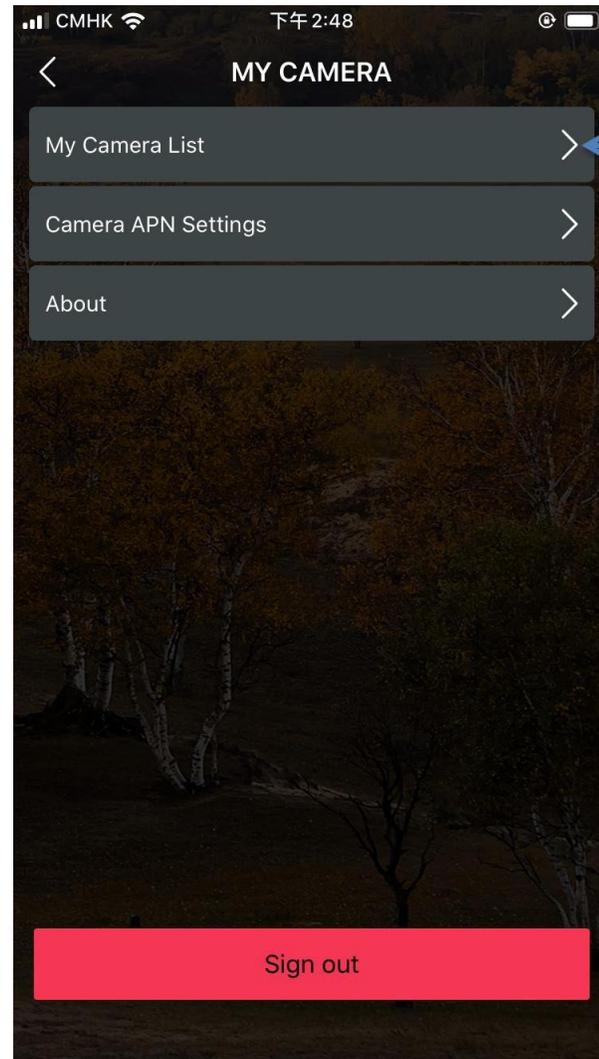
ON is not valid

ON is valid



## Settings in APP

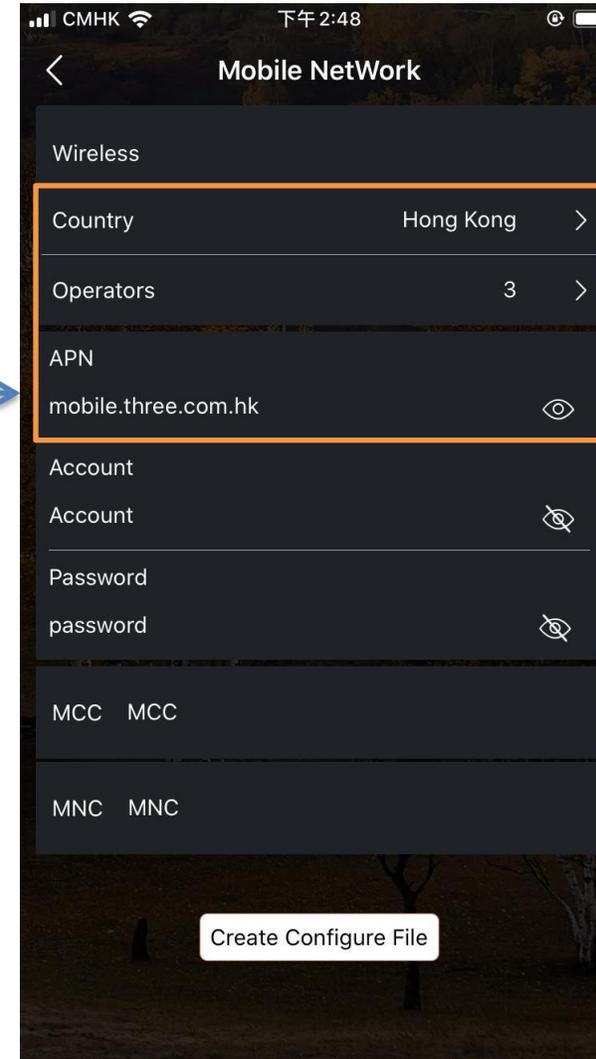
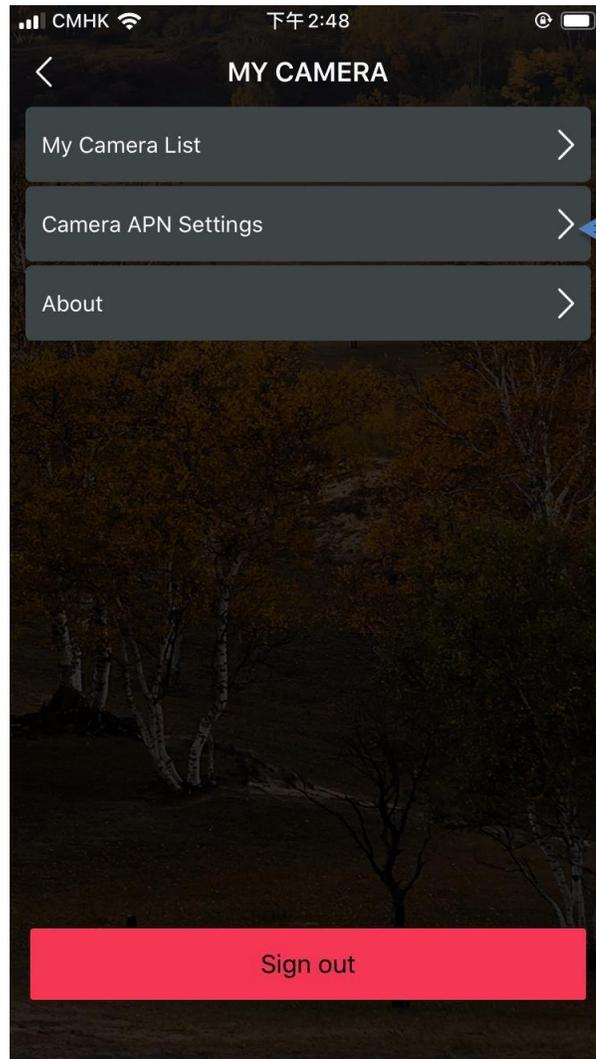
### 6) My Camera List



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

Image size	24MP, 12MP,5MP
Lens	f=7.36mm F/NO:2.8 FOV=55°; Auto IR-Cut-Remove (at night);
IR-Flash Range	25m-30m; 48 LEDS
Display Screen	2.4 inch HD Color Display
Memory Card	SD or SDHC Card, up to 64GB
GSM	For 4G
Operation	Day/Night
Response Time	Picture trigger:< 0.25 s ;Video trigger: <0.6s;
Shutter Speed	1/10-1/2000sec.
Power Supply	12×AA recommended(6xAA can work); DC12V
Stand-by Current	<75uA
Power Consumption	<140mA(500mA when IR-LED Lighted)
User Interface	LCD display
Temperature Display	programmable
Moon Display	programmable
Interface	USB;SD card;
Security	Strap;1/4-20 attachment
Operating Temperature	-20-60°C (Storage temperature:-30-70°C)
Operating Humidity	5%-90%
Security Authentication	FCC/CE-RED/RoHs

## 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.