

User Instruction Manual

OEM/ODM



KW886 4G Cellular Trail Camera

KW886 is the best cellular trail camera for beginners, we simplified the menu of this camera to make everything concise. It is easy to setup and operate. With built-in sim card (esim card), KW886 is a plug & play ready device. We are very proud of this model and we are sure you will be pleased with it as well.



CONTENTS

QUICK START	2
NOTES BEFORE USE	3
CAMERA OVERVIEW	4
STANDARD ACCESSORIES/OTHER ACCESSORIES	5
OPERATIONAL MODES	6-7
SETTINGS	8-12
SETTING IN APP	13-19
MOUNTING AND POSITIONING	20
SPECIFICATION	21
WARNING	22
WARRANTY CARD	23

QUICK START



1. Download the free App "Guard Point" on your smart phone from the App Store (iPhone) or Google Play (Android).



2. Open the "Guard Point" App, then sign in or create a new account.



3. Log in and click "+" to add a new camera. Scan the QR code on the camera menu. Registering to associate this camera with your account.



4. Install 12x AA batteries or 3x 18650 lithium batteries (Other Rechargeable batteries are not recommended). Be sure to position the batteries for correct polarity (+-) when installing.

5. Install a new SD card, up to 512GB. High speed cards (Class10 or higher) are recommended if you plan to record video clips.

6. The camera KW886 is equipped with SIM card and it will automatically connect to the carrier with the strongest service each time the camera is powered on.

7. Switch to the "SETUP" Mode, wait about 1 minute.

8. Press " Up " key to select "Video Mode"; Press "Down" key to select "Photo Mode".

9. Press "LEFT" key to take a photo / Video 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. To replace the battery, SD card, and SIM card, firstly turn camera to OFF mode.
3. The indicator light flashes red when it is turned on or ready for operation.
4. Batteries need to use dry batteries, do not use rechargeable batteries.
5. When the SD card is inserted into camera, make sure that the SD card is not in lock state.
6. When using an external power supply, make sure that voltage is 12V.
7. Please take out the battery to avoid leakage of the battery if camera is not used for tta long time.
8. Camera can not be directly immersed in water, can not be placed in the environment of strong acid and alkali.
9. Don't use your fingers to press the Fresnel lens.
10. Keep the lens and battery compartment clean.
11. Do not use sharp hard objects to scratch screen.

CAMERA OVERVIEW



STANDARD ACCESSORIES



1x Belt



1x USB



1x Case



1x User Manual

OTHER RECOMMENDED ACCESSORIES (NOT INCLUDED)



1x Security Case



1x External battery
connection wire



1x Micro-Lens
1x Wide-angle Lens



1x 5M Antenna



1x Cradle Head



1x Solar Panel

OPERATIONAL MODES

The camera has two basic operational modes: 「OFF」, 「ON」

•[OFF] Mode

When camera in OFF mode, you can do the followings:

- ① Replacing the SD card or batteries.
- ② Connecting camera with other device via USB port.

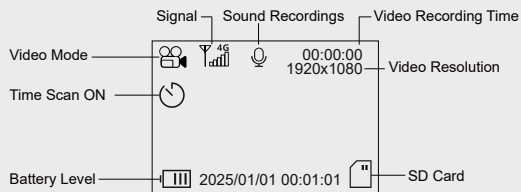
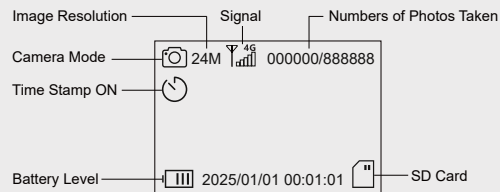
•[ON] Mode

- ① The motion indicator LED will blink red for about 10 seconds. This interval allows time for you to close the front cover, lock it and leave the monitored area. Once in the ON mode, no manual controls are needed or possible (the control keys have no effect). The camera 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.
- ② Press MENU when ON mode, you can check and change the settings of the camera with the help of built-in LCD. You can change the photo or video resolution, interval between photos, switch the time imprint on, etc.
- ③ Press REPLAY you can check the images and videos that have been taken, press the UP key and the DOWN key to switch, press the RIGHT key to play the videos, press MENU to delete.

OPERATIONAL MODES

NOTE:

It is possible that the camera could lockup after 10 seconds without operation when you are setting the MENU, if this occurs, simply move the switch to OFF and then push it to ON again.



SETTING



Mode: Photo, Video, Photo+Video.

Image Size: 24M, 12M, 5M.

Picture Num: Image-Size;1-5 photos. programmable.

Select the number of photos to be taken in burst mode. (Available on Photo mode).

Video Size: 1920x1080, 1280x720.

Video Length: 5-60 sec. programmable.

Specify the duration of a video recording when the camera is triggered automatically.

SETTING



PIR Interval: 1s-60min.

Optional from 1 seconds to 60 minutes. The camera won't record any images or videos during the selected interval.

PIR Sensitivity: High, Low, Auto.

Work Time: Off/On.

When select ON mode, camera only active within a certain time. E.g.: Set start time to 17:35 and end time to 7:25, the camera will be operational from 5:35pm of the current day until 7:25am of the next day. Camera won't be triggered and won't take any photos/videos outside of this period.

Time Scan: Off/On (optional from 5 seconds to 24 hours).

When selected on, the camera will take photo/video automatically at the selected time regardless of whether the PIR sensor has detected a motion or not. Note: In this mode, PIR function still working, camera will take photo/video in the interval time when PIR sensor detects a motion.

SETTING



Wireless 4G: Off/On.

Transmit Frequency: Immediately, Daily, Weekly.

SMS Switch: Off/On.

Registration: QR Code Registration.

SETTING



Language: English, Français, Deutsch, Italiano, Español, Português, Turkish, Swedish, Dutch, Danish, Polish, Finnish, Czech, Slovak, Slovenia, Romanian, Hungarian, Hrvatski, UA(Українська), Русский, 日本語, 简体中文, 繁體中文.

Camera Name: It allows you to name your camera within 12 characters to identify the camera. Especially useful for multi-camera setups. This will be imprinted on each photo. Default name is "KW886" .

Password: Off/On.

Select "On" will enter a four-digit password to protect your camera against unauthorised access. This password must be inputted everytime when user want to turn on the camera.

Date/Time: Set date and time.

Date Stamp: The date and time will be set once the camera has connected to the server and will be imprinted on all images.

SETTING



GPS Location: Off/On.

Format: Press “OK” to format the SD card, all files will be deleted by formatting.

Default: Cancel/OK.

Version: You can check firmware version here.

SETTINGS IN APP

1) SETUP APP

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



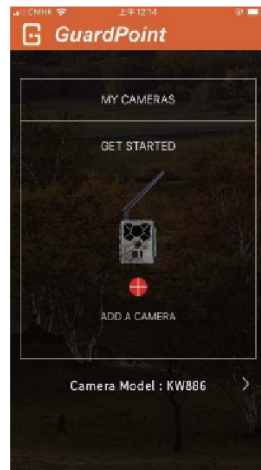
iOS APP



Android APP

2) Create New Account

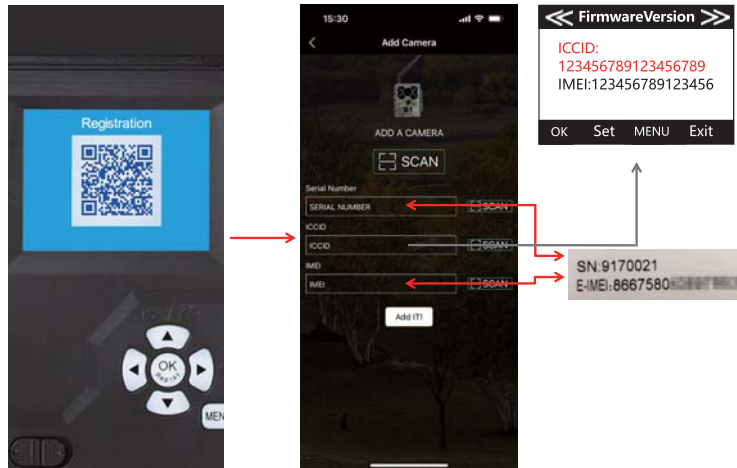
↓
Login



SETTINGS IN APP

3)Add A Camera

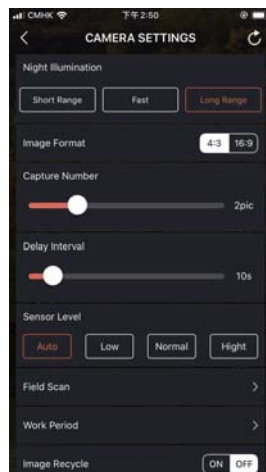
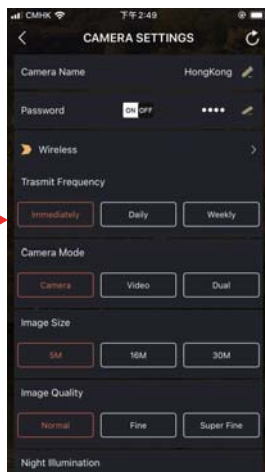
Scan the **QR Code** Registration from the camera and add it to the camera list.



SETTINGS IN APP

4) Camera Settings

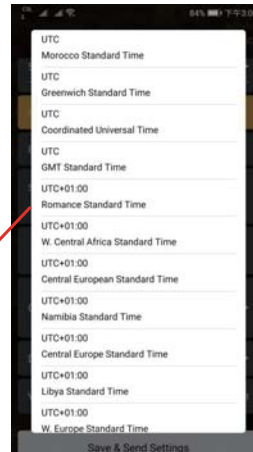
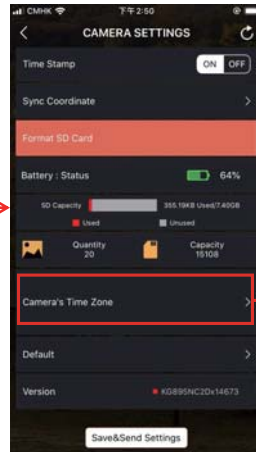
Please remember to **SAVE** the Settings after each modification.



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.

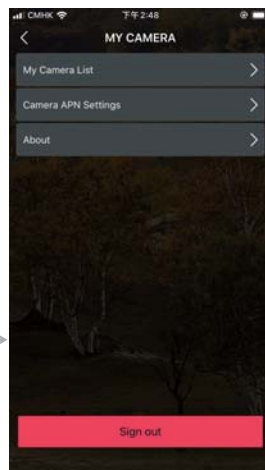
SETTINGS IN APP

5) Main Page

Quick Start
Service Plan
FAQs
About.

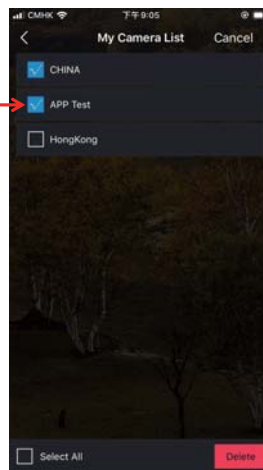
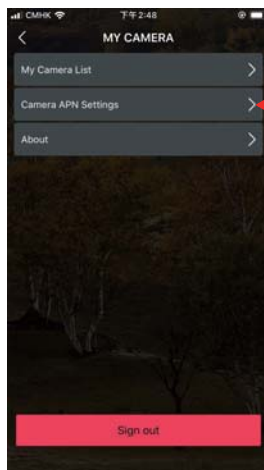


Add
More
Cameras



SETTINGS IN APP

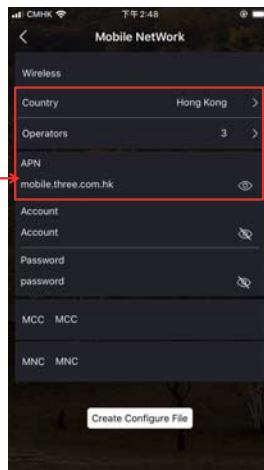
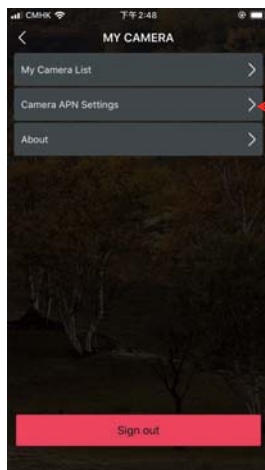
6) My Camera List



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

6) 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 - 2m

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

There are two ways to mount the camera: 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 the camera. 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 the camera can effectively monitor the area you choose, this test is recommended to check the sensing angle and monitoring distance of the camera. To perform the test:

- Switch the camera to ON mode.
- Make movements in front of the camera at several positions within the area. Try different distances and angles from the 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 camera. 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)
GSM	For 4G
IR-Flash Range	25m ~ 30m; 48 LEDS
Display Screen	2.4 inch HD Color Display
Stand by Current	<75uA
User Interface	LCD display
Interface	USB; SD card
Response Time	Picture trigger: 0.35s; Video trigger: 0.6s
Shutter Speed	1/10 ~ 1/2000sec.
Security	Strap; 1/4 ~ 20 attachment
Power Consumption	<140mA (500mA when IR-LED Lighted)
Power Supply	12×AA or 3x18650 li-ion recommended (6xAA can work); DC12V
Operating Temperature	-20 ~ 60°C (Storage temperature: -30 ~ 70°C)
Operating Humidity	5% ~ 90%
Memory Card	SD or SDHC Card, up to 512GB
Temperature Display	Programmable
Operation	Day/Night
Moon Display	Programmable
Security Authentication	FCC/CE-RED/RoHs

WARNING

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: 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: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment. The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm. between the radiator and your body, and fully supported by the operating and installation.

IC WARNING

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux normes CNR exemptes de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est assujéti aux deux conditions suivantes :

- (1) Cet appareil ne doit pas causer d'interférences;
- (2) Cet appareil doit accepter toute interférence, y compris celles qui peuvent entraîner un fonctionnement indésirable de l'appareil.

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with RSS-102 — Radio Frequency (RF) Exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

Le dispositif a été évalué à répondre général rf exposition exigence. Pour maintenir la conformité avec les directives d'exposition du RSS-102-Radio Fréquence (RF), ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.

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.

