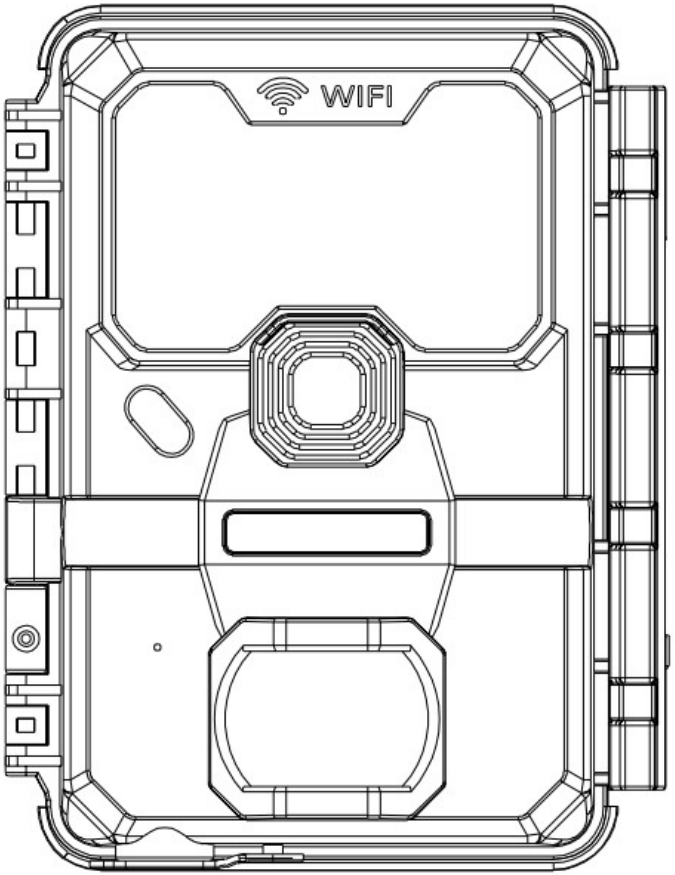
Highly Recommended by Outdoor Explorers - WIFI Wildlife Scouting Cam

Instruction Book

This is the newest 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. Please refer to the notes below to ensure that you are completely satisfied with this product.



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Features

1.Wifi funcation, you can preview, download, delete, take photo/video, change settings, check battery and memory capacity in APP.

2.During day, sharp and clear images and during night, clear black and white image.

3.Impressively quick trigger time 0.4S.

4.Lockable and password protection.

5.Extremely low power consumption in standby operation providing extremely long operation times.

Quick Start

※ Move the latch and open the camera case

※ Load 8 lithium AA(non-rechargeable) or alkaline AA batteries

※ Insert the SD card

※ Switch to the SETUP Mode.

※ Press " UP/DOWN " key to select Video/camera Mode

※ Press " MENU " key to setting camera function

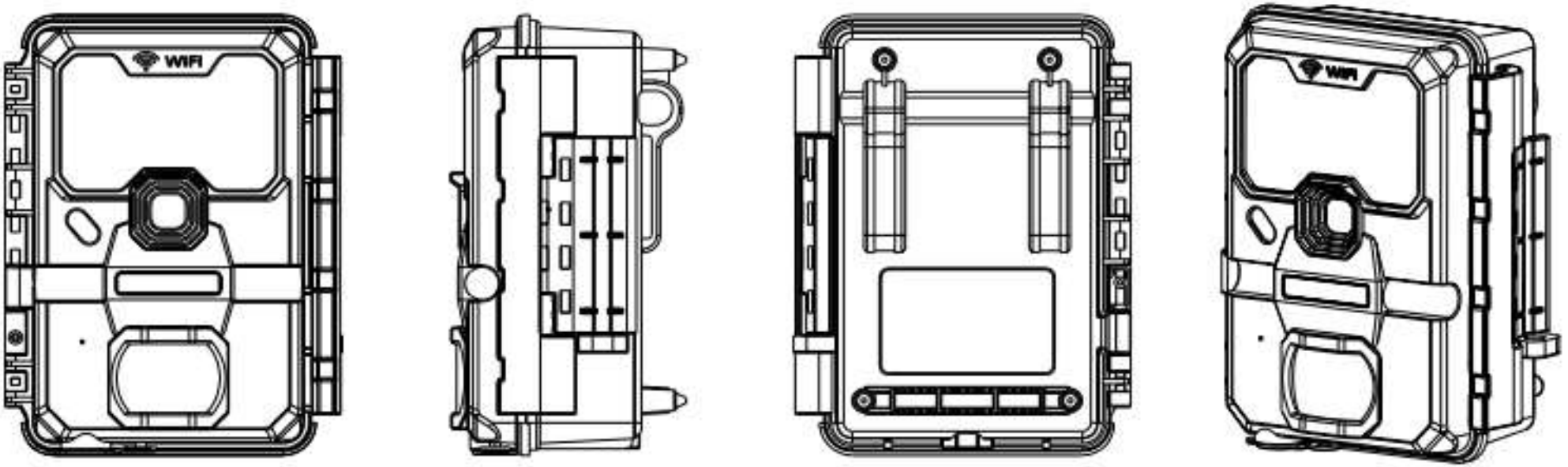
※ Switch to the ON Mode

※ Close the case and position the camera for using

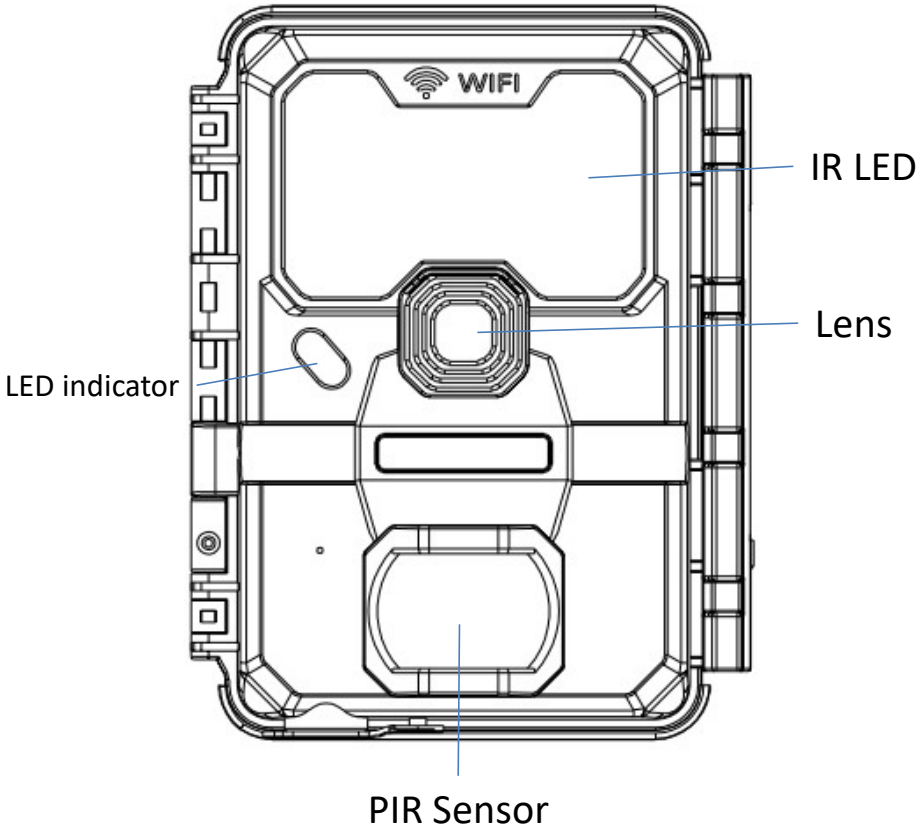
Notes Before Use

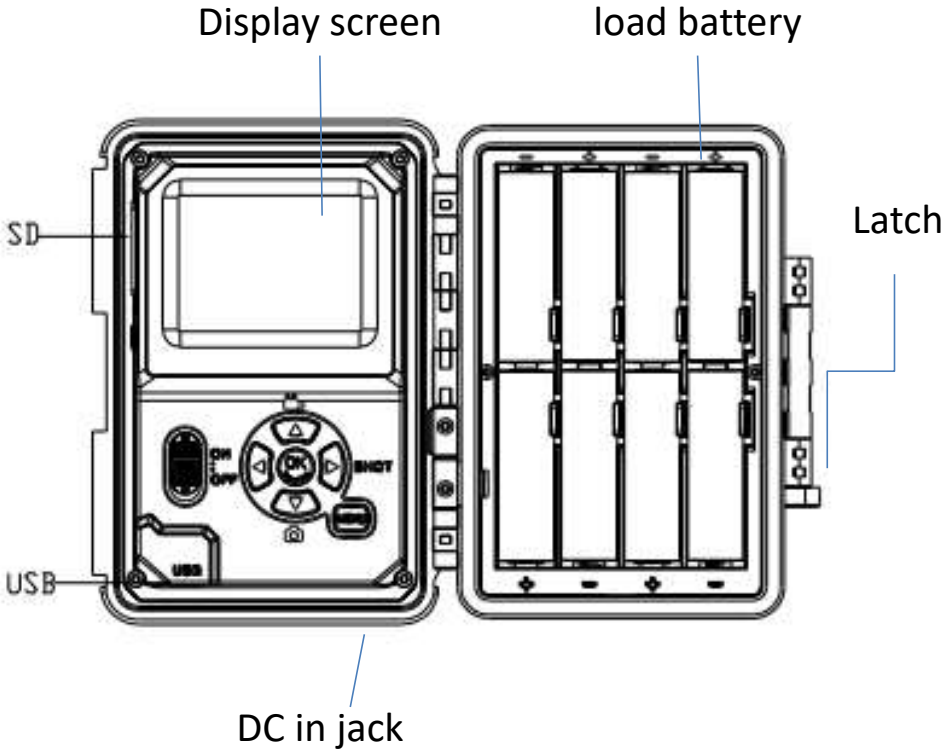
1. When setting camera parameters, please put camera in Setup mode.
2. To replace the battery, SD card, firstly turn camera to OFF mode.
3. Color of Indicator
1) When camera is updating firmware, indicator light flashes green.
2) The indicator light flashes red when it is turned on or ready for operation.
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 6V.
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

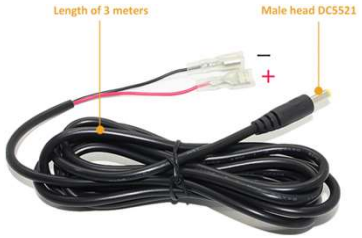


1× Manual

Other Accessories (not included)



1× Security Case



1× External battery connection wire



1× Cradle Head

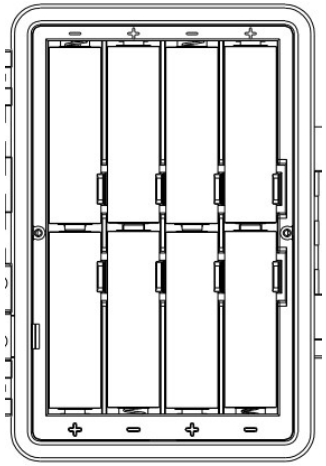


1× solar panel

Power Supply

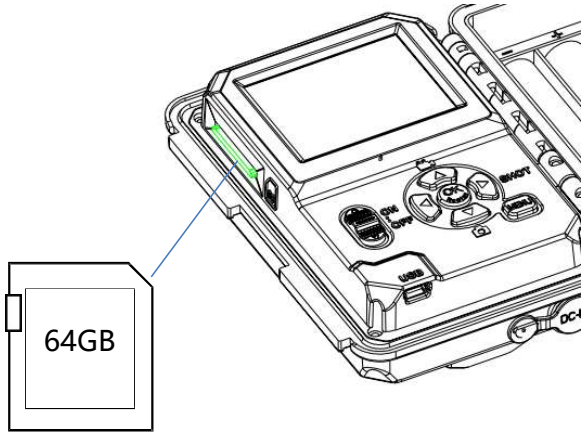
After opening the latch on the right side of the camera, you will see that it has 8 battery slots. Please use 8 lithium AA or alkaline AA batteries.

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 before beginning to operate the camera. SD card is supported up to maximum 64GB capacity.



Operational Modes

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

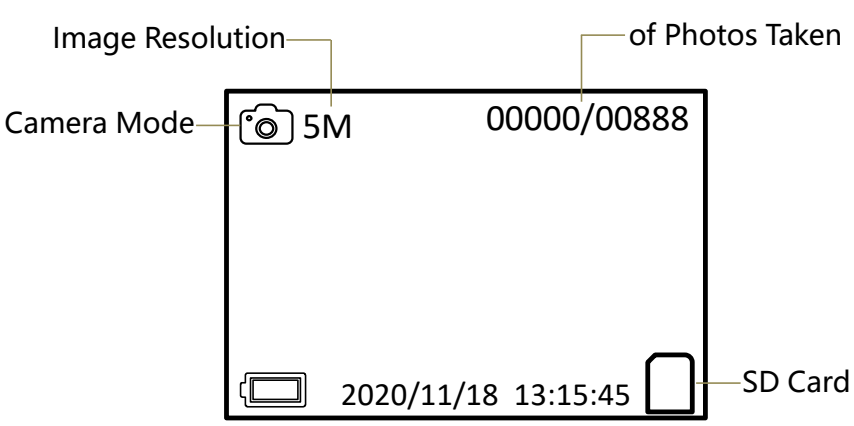
- 「OFF 」Mode

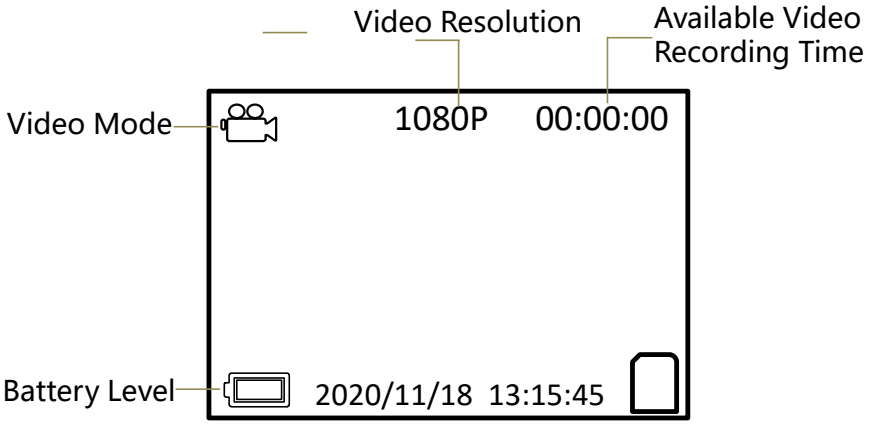
When cam is in OFF mode, you can do the following:
- Replacing the SD card or batteries
- Connecting cam with other device by USB port

It will occur a little of power consumption under OFF mode. If you won't use it for a long time, please take batteries off.

- 「ON」Mode

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





Setting



Mode: Photo, Video, Photo+Video
PIR Interval: Defaulted 30seconds, optional from 10seconds to 60minutes. The camera won't record any image or videos during the selected interval.
PIR Sensitivity: High, Medium, Low
IR LED: Auto, Super fine, Economy
Time Lapse: Off/ON(ptioanl from 5seconds to 24hours)
When selected on, the camera will take photo/video automatically in the selected time interval no matter the PIR sensor has detected a motion or not.
Note: In this mode, PIR function still working, camera would take photo/video in the iterval time when PIR sensor detect a motion.
Working Time: off/on
When select ON mode, camera only active within a certain time.
eg: 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 7:25 am of the next day. Camera won't be triggered and won't take any photos/videos outside thie period.

Setting



Image Size: 2M, 3M, 5M(Recomend), 8M
Picture Number: 1-10 photos.
Select the number of photos to be taken in succesion.(Available on Photo mode)
Shutter speed: 1/30,1/20, 1/15



Video Size: 360P, 480P, 720P, 1080P,1296P
Video Length: 5-180 seconds
Specify the duration of a video recording when the camera is triggered automatically. Video's recording period won't be limited in Setup mode.
Video Sound: on/off

Setting



Language: English,French,Spanish, Portuguese, German,Italian, simplified Chinese,Chinese Traditional, Russian, Japanese.
Default Setting: Press “OK” to reset the camera to default setting.
Format: Press”OK” to format the SD card, all file will be delected by formating.
Date/Time: Set day and time
Time Format: 24H/12H
Date Stamp: On/Off
Select “ON” to print the date, time, temperature, battery state and camera's name
Camera Name: KW865WF
The name can be a combination of 10 digits, 26 big letters and 26 small letters.
Password Setting: off/on
Select “On” will enter a four digit password to prtect your camera against unauthorised access.
This password must be inputed everytime when user want to open the camera.

Setting



Bluetooth: OFF/ON
WIFI SSID:
The name can be a combination of 10 digits, 26 big letters and 26 small letters. eg: KW865WF
WIFI Password:
User need to input WIFI Password on APP, if he want to connect the mobile phone to camera's wifi hotspot.
Auto WIFI Off: 1minute, 2 minutes, 3 minutes
If the camera turns on the WIFI hotspot, but mobile phone doesn't connect to the wifi hotspot successfully within selected time, Wifi hotspot will be tured off automatically and camera will return to ON/Setup mode.
Version: You can check your camera's version here
Mcu FW Update

WiFi APP connection

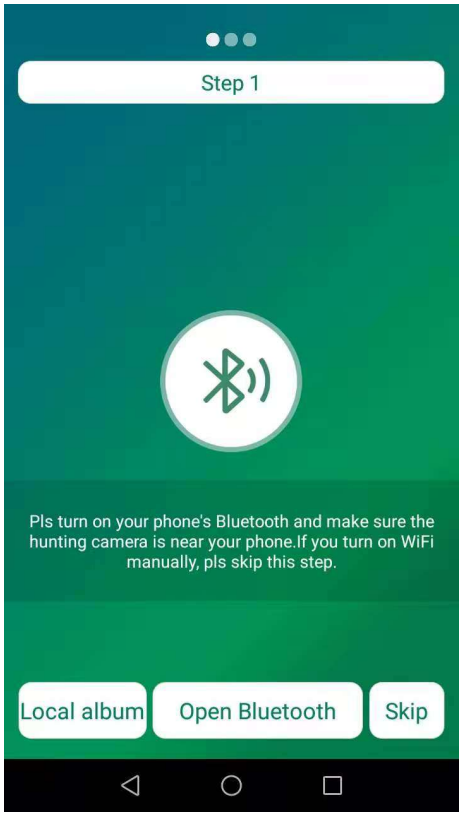
Please install the APP on your smart phone device before using WIFI function. Please download and install the app from Google Play or App store by searching “Guard wifi” for Android system and iOS system.

Android

iOS

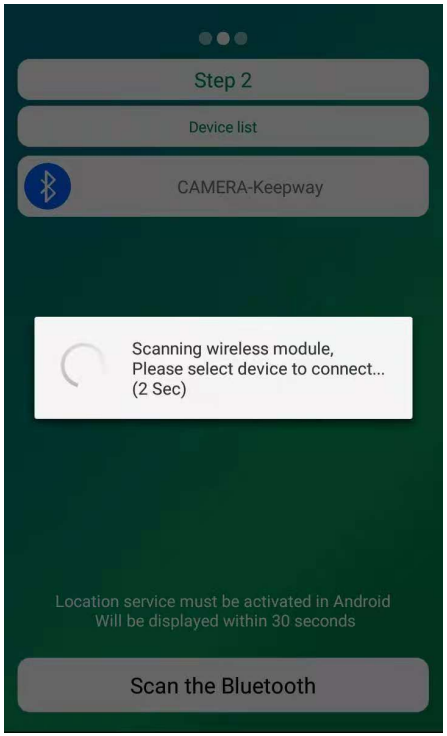
Connect the bluetooth

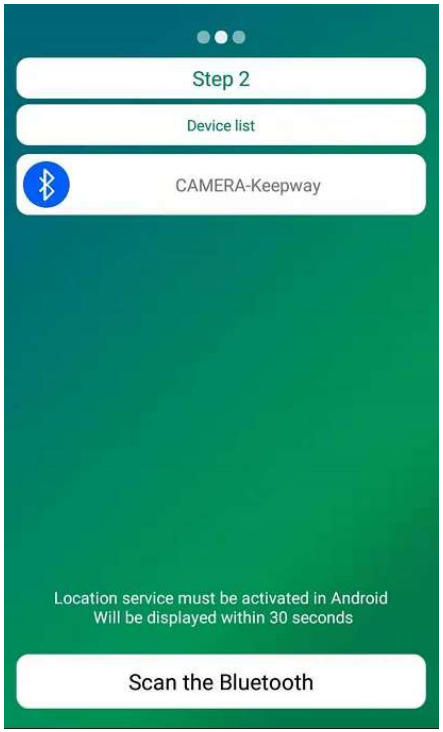
Slide camera's mode switch to ON, and then click the APP(Guard wifi) on your mobile phone and enter STEP 1 as below picture.



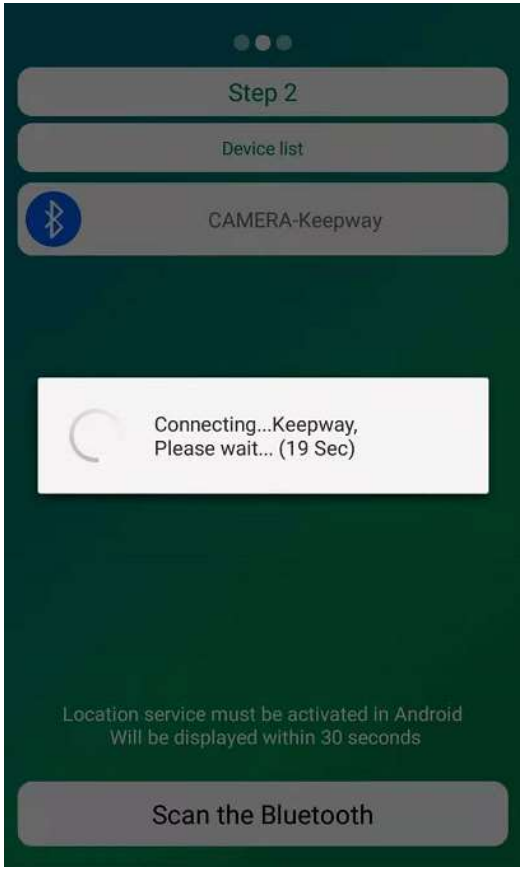
Wifi Function

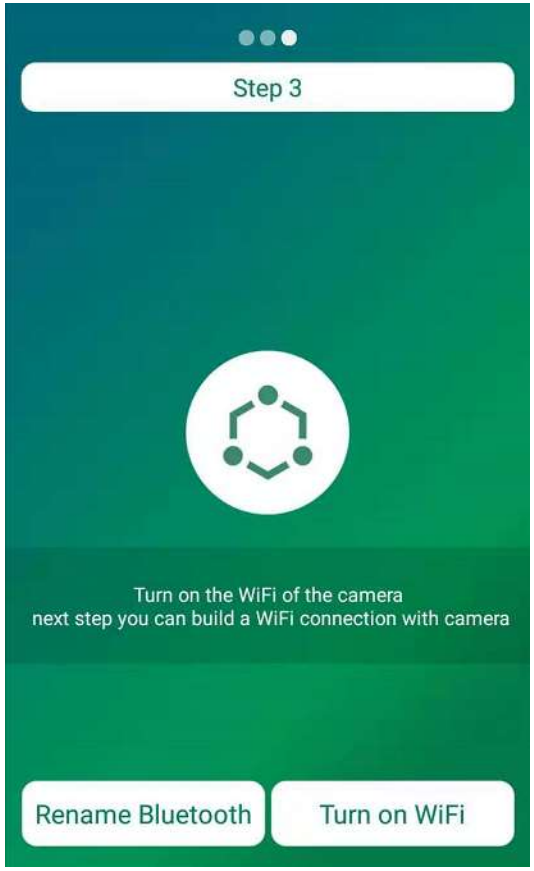
1. Click “LOCAL ALBUM “, user can view, share, edit the pictures/video which download before.
2. Click “OPEN BLUETOOTH”, the APP will enter “STEP 2” and search Bluetooth device automatically.
3. The searched Bluetooth devices will display under the “Device list” as below picture.



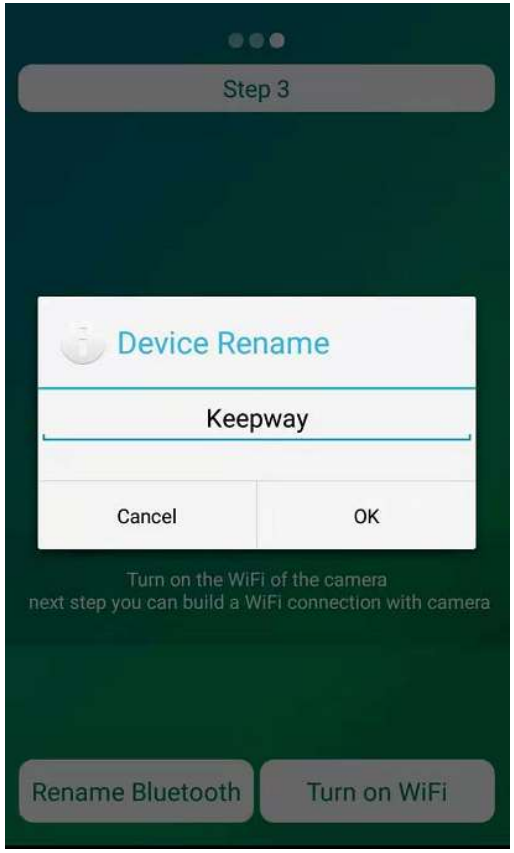


4. Click the appropriate Bluetooth device, APP will connect with the camera's bluetooth and shows “connecting...Keepway, Please wait...” .If connect success, APP will enter “Step 3” as below picture.

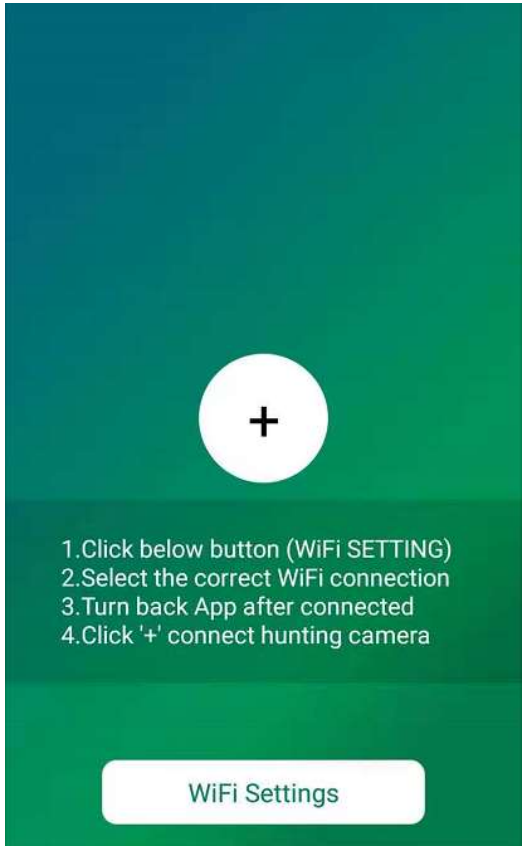




5. You can click “Rename Bluetooth” to rename the bluetooth name (P-1), click “OK” to save new name.
Or click “Turn on WiFi” to enter “WiFi Setting” (P-2)

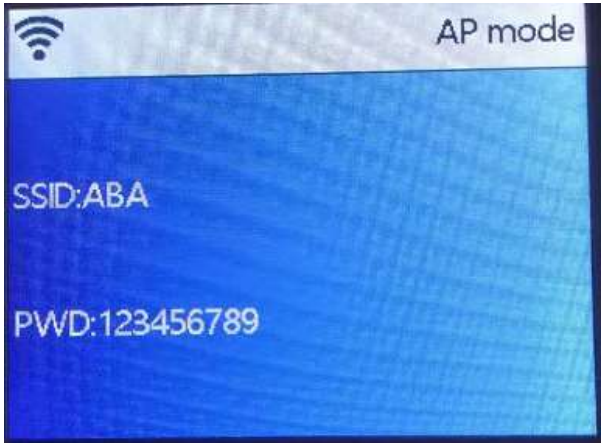


P-1



P-2

6. Click “WiFi Setting”, camera will receive a command to turn on Wifi Hotspot and LCD will show as below picture(P-3), in the meanwhile, app will switch to Wifi Setting as below picture(P-4), connect with the Hotspot and enter password which shows on the LCD.



P-3



P-4

7. When wifi connect successful, camera's interface display is shown as below(P-5), and APP interface shown as picture P-6



P-5



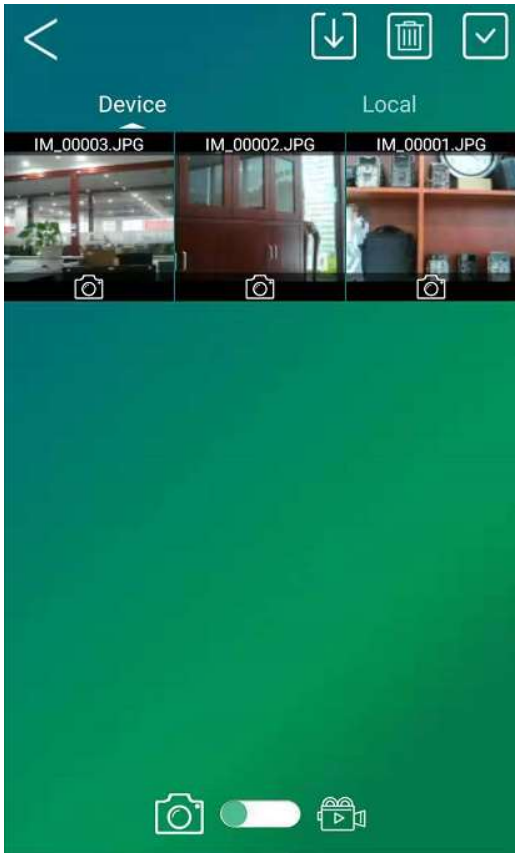
P-6

Icons' functions in APP interface:

1	Icon Funcation
	Switch to video mode
	Switch to camera mode
	Review pictures/Videos in camera
	Take picture/video by APP
	Setting camera's system by APP
	Exit the APP, mobile phone will disconnect with the camera, and camera will enter into ON mode.

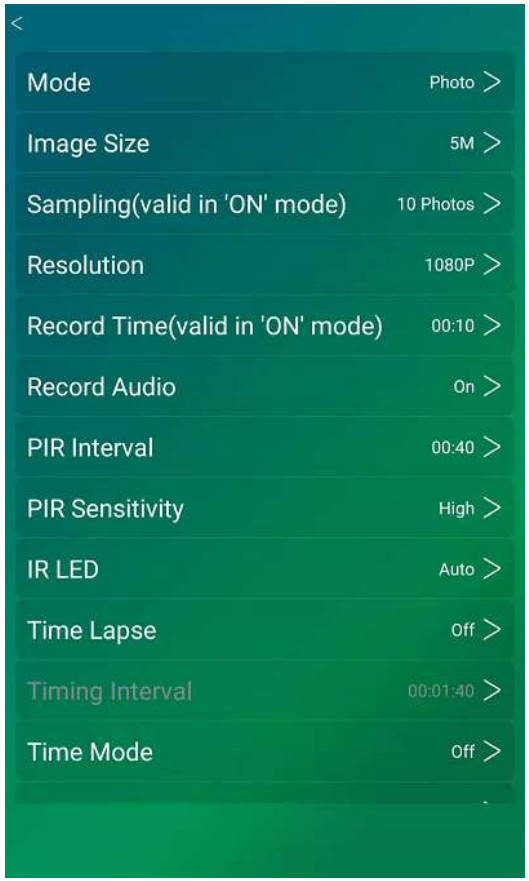
Wifi Function

1. Click the icon  to enter album as below picrure.



	Icon function
	Back
	Select the pictures/videos and click this icon to download pictures/video
	Select the pictures/videos and click this icon to delect pictures/videos. Note: Pictures/video can not be recovered after delete.
	Select all pictures/video.
	Switch between picture and video.

2.Click the icon  to enter setting menu as below, you can set the camera's system here.



Exit WIFI

1. Click the “Exit” in APP to disconnect WiFi, after disconnect, camera will auotomatically return to ON mode.

2. Press LEFT button on camera to Exit WiFi, then camera will enter setup mode or ON mode.

3. When the phone is far away from the camera more than 20m, Wifi will disconnect and camera will return to ON mode.

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 ON 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

Max image size	30MP
Lens	f=7.36mm F/NO:2.8 FOV=55°; Auto IR-Cut-Remove (at night)
IR-Flash Range	High Power LED : 4LEDS; 850nm: 30m; 940nm: 25m;
Display Screen	2.4" LCD ;Mobile APP(apple store and google play download)
Memory Card	SD or SDHC Card, up to 64GB
Image Size	30MP Resolution
Video Size	1080P，1280*720 HD with Sound（MJPG)
PIR Sensitivity	PIR with 4 sensitivity levels:High/ Normal/ Low/Auto,
Detection Range	25m
Operation	Day/Night
Response Time	Picture trigger: 0.6s，Video trigger: 1.0s
Triggering Interval	1sec-60min programmable
Recovery Time	Less than 2.0s
Stand-by Time	18 months
Shutter Speed	1/10,1/15, 1/30.
Shooting Numbers	1-10programmable
Video Length	5-180sec. programmable
Power Supply	8×AA ; DC6V External Power;

Specification

Stand-by Current	<75uA
Power Consumption	<140mA(500mA when IR-LED Lighted)
Timed Scan	programmable
Temperature Display	programmable
Camera Name	Input
Moon Display	programmable
Audio Video	programmable
User Interface	Mobile APP(apple store and google play download)
Interface	USB;SD card;
Security	Strap;1/4-20 attachment
Size	80mmx98mmx50mm
Operating Temperature	-20℃ to 60℃
Operating Humidity	5%-90%
Security Authentication	FCC/CE/RoHs/WEEE
Waterproof	IP67

FCC Statement

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.
Caution: 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 important announcement

Radiation Exposure Statement
To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.