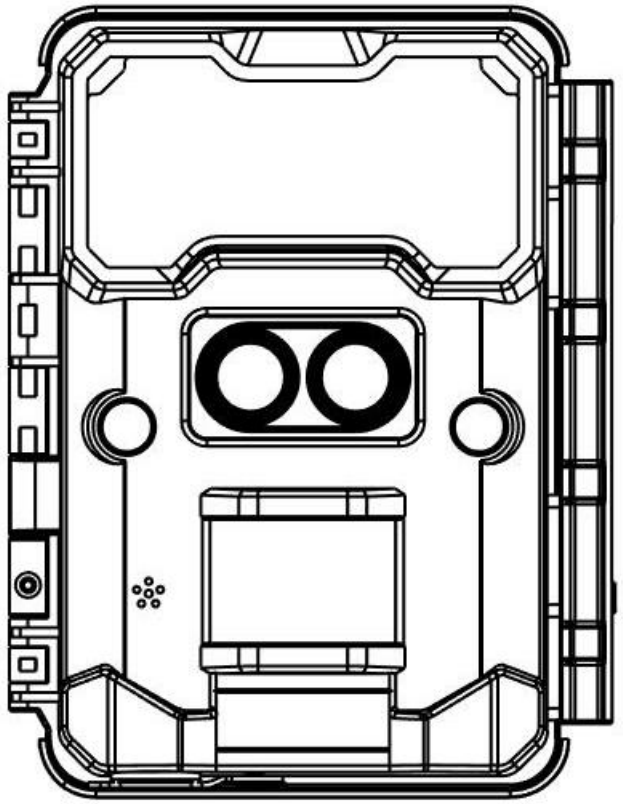
Highly Recommended by Outdoor Explorers - Wildlife Scouting Cam KG Cams Instruction Book

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 LEDs, so that it can be triggered by any movement in a location, then take high quality pictures or video clips. As this cam has two separated lens for daytime and nighttime, it maximizes the quality of both pictures and videos. Please refer to the notes below and instructions in this manual to ensure that you are completely satisfied with this product.



Applicable models: KW696

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Quick Start

a) Move the latches and open the front cover

b) Load 8 lithium AA or alkaline AA batteries

c) Insert the SD card

d) Switch to the ON Mode

e) Press MENU key

f) Press UP key to select Camera or Video Mode

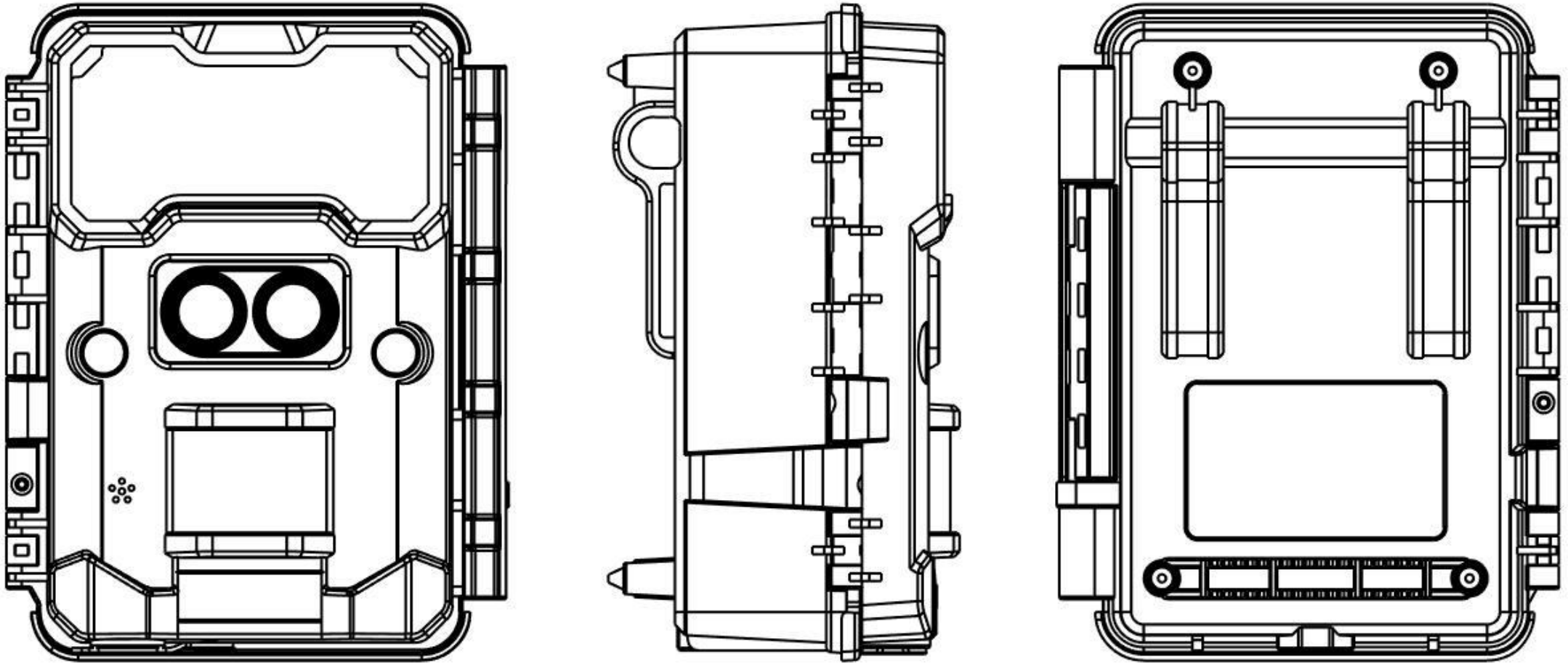
g) Put it in the right position you would like

h) Switch to the ON Mode and wait for 1minutes(without any operation), the camera has started working

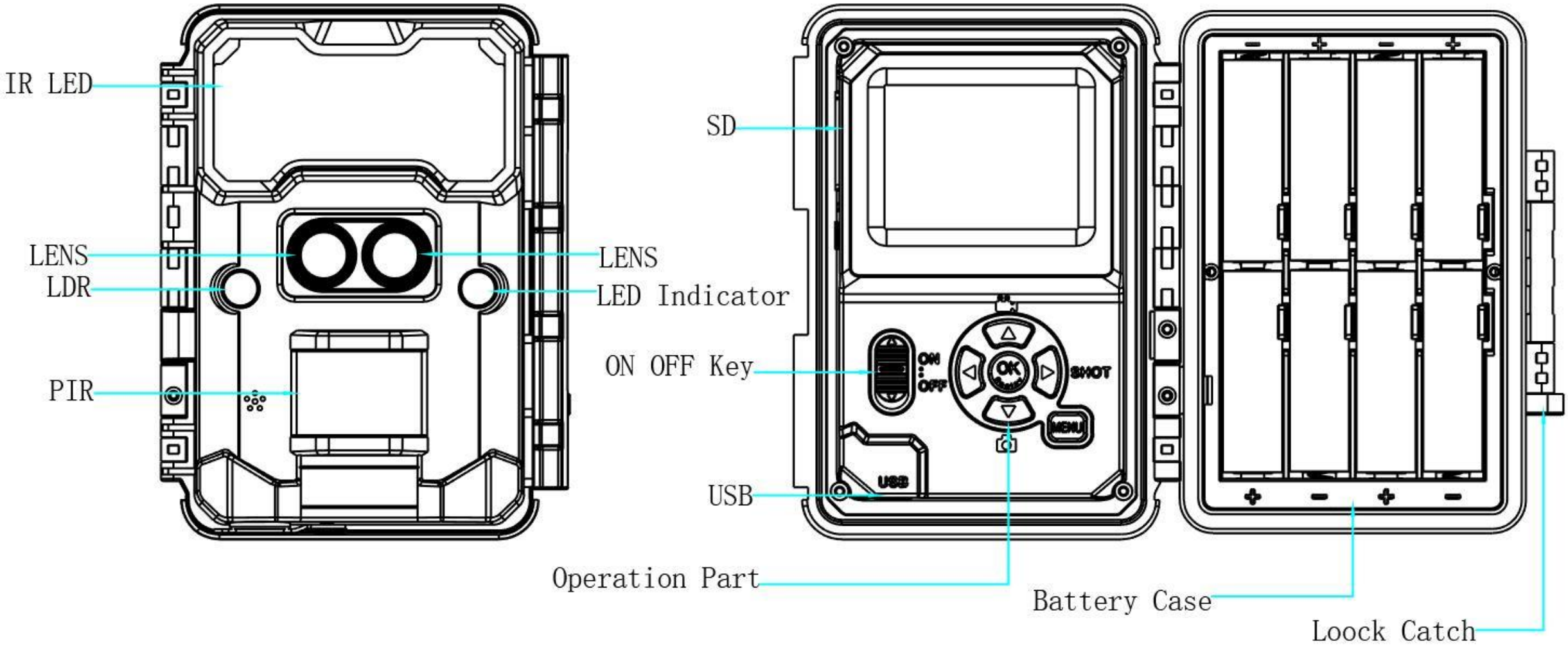
Notes Before Use

1. When setting camera parameters, please put camera in ON mode.
2. To replace the battery, SD card, firstly turn camera to OFF mode.
3. The color changing of the Indicator
    1) When camera is updating, indicator light flashes green.
    2) The indicator light flashes red when it is turned on or ready for operation.
    3) When battery is lower, the indicator light turns blue.
    4) When being set to long standby time, the indicator flashes purple.
4. Batteries need to be used dry batteries, can not use rechargeable batteries.
5. When the SD card is inserted into camera, make sure that the SD card is not in the unprotected position
6. When using an external power supply, make sure that voltage is correct.
7. Please take out the battery for long time unused, so as to avoid leakage of the battery.
8. Camera can not be directly immersed in water, can not be placed in the environment of strong acid and alkali.
9. Finger can not press the Fresnel lens.
10. Keep the lens and battery compartment clean.
11. Do not use sharp or hard objects to attack or scratch the screen and other damage things.

View Drawings



Camera Overview

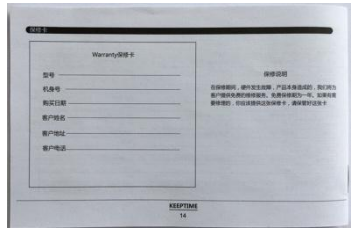


Standard Accessories

1×Belt

1×USB

1×Case



1×Manual

Other Accessories(not included but can order separately)

1× Security Case

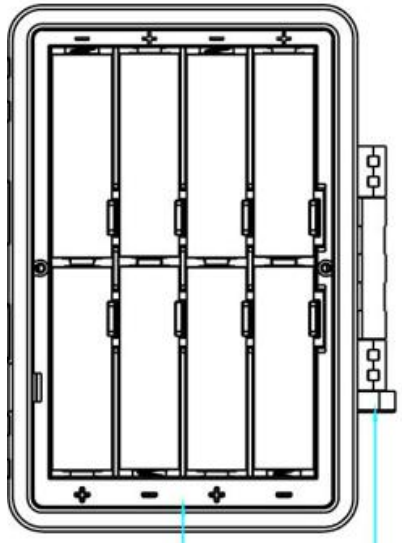
1×Solar Panel

1×Tree Nail

Power Supply

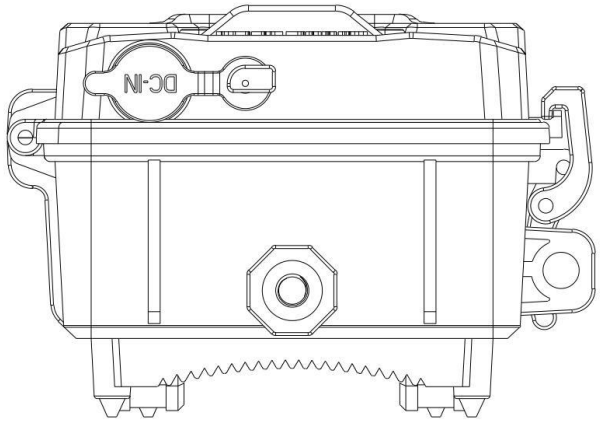
After opening the latch on the right side of the camera, you will see that it has 8 battery slots. For maximum battery life, we recommend using 8 lithium AA or alkaline AA batteries.

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 (OFF mode) before beginning to operate the camera. SD card is supported up to maximum 256GB capacity.



Operational Modes

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

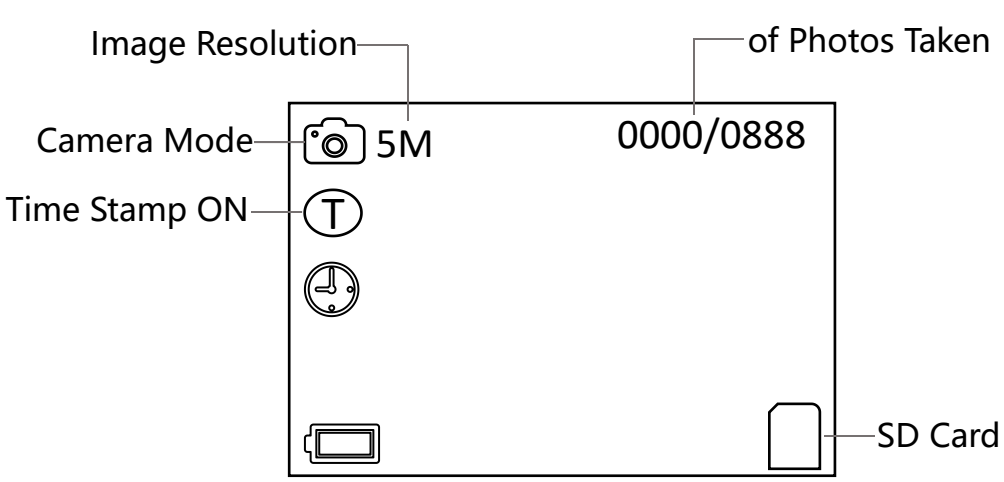
- 「OFF」Mode

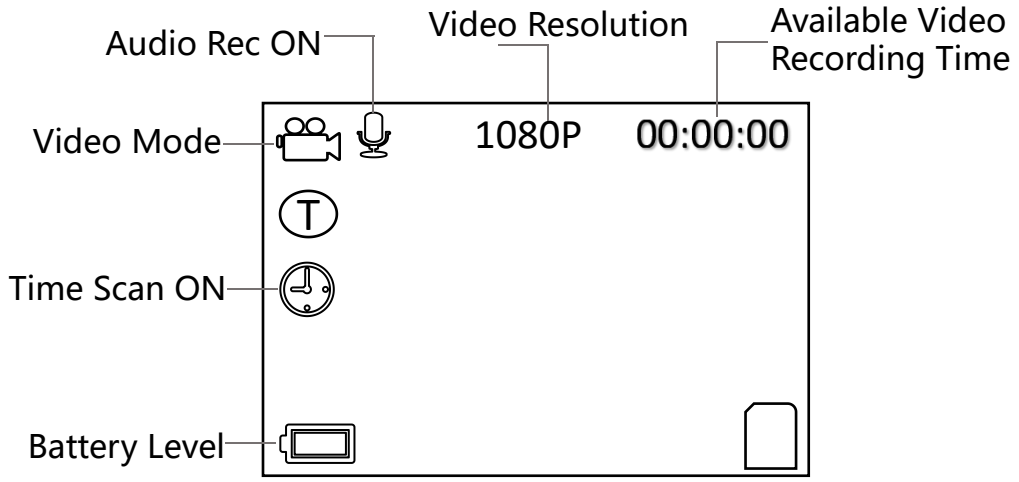
When cam in OFF mode, you can do the following:
- replacing the SD card or batteries
- connecting cam with other device by USB port

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.

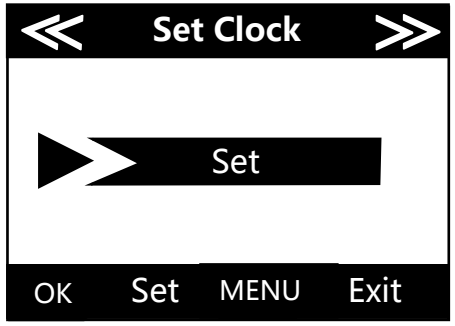
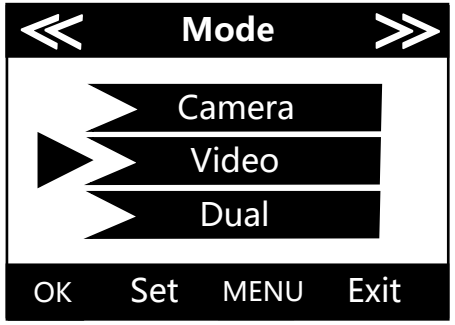
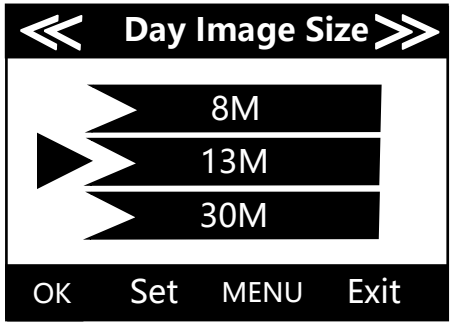
- 「ON」Mode

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.

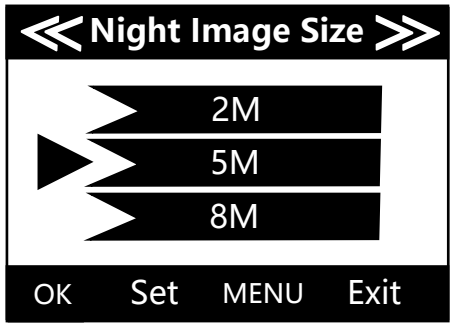
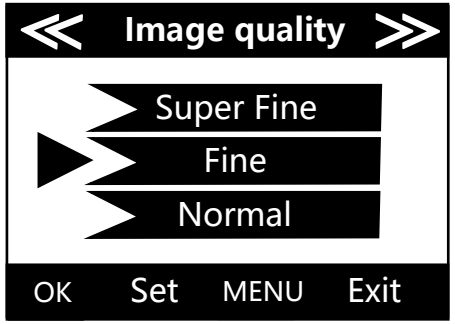
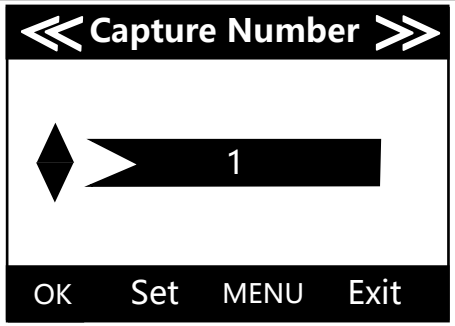




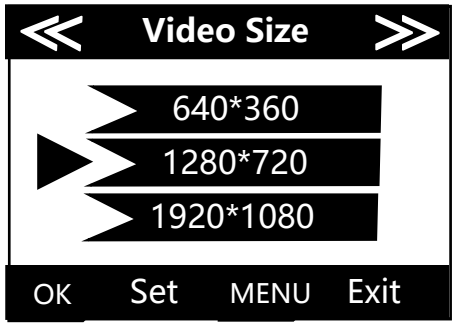
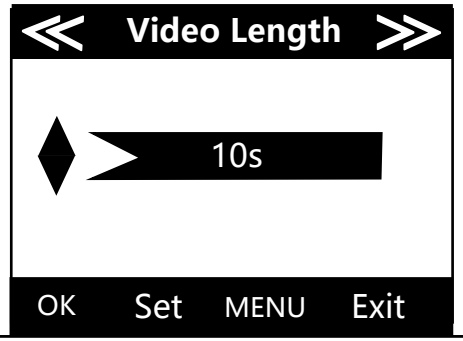
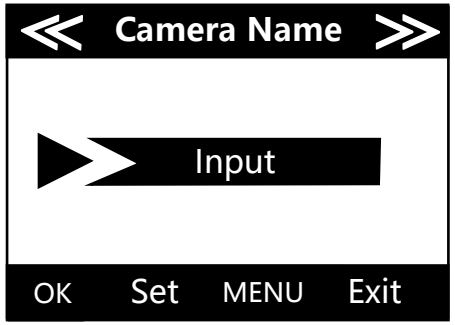
Settings

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, then move to the next row to set the year, month and date accordingly. Once all settings are made, press OK to save.
Mode		Select photos or video mode when the camera is triggered. Camera means Photo mode, “Dual” =Camera+Video
Image Size		Select image resolution among 8M, 13M and 30M. Higher resolution produces better quality images but creates larger files that will occupy more space of the SD card.

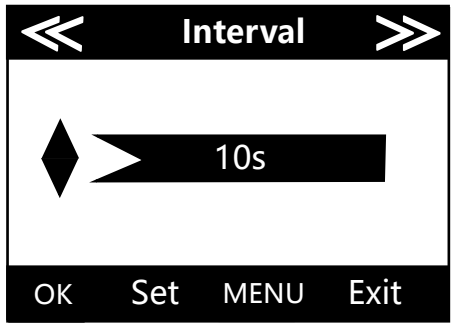
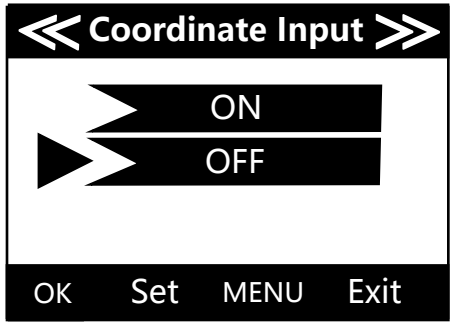
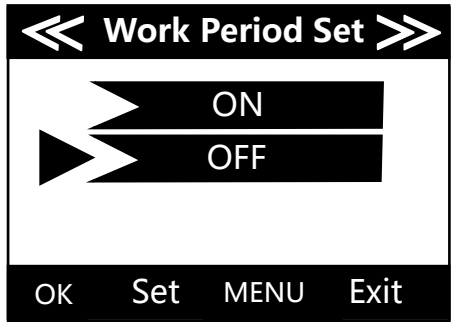
Settings

Image Size		Select image resolution among 2M, 5M and 8M. Higher resolution produces better quality images but creates larger files that will occupy more space of the SD card.
Image Quality		Select Image quality by press UP/DOWN
Capture Number		Selects how many photos are taken in sequence per trigger in Camera mode. This setting affects photos taken in Field Scan mode as well.

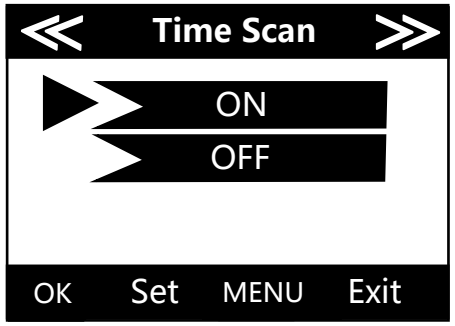
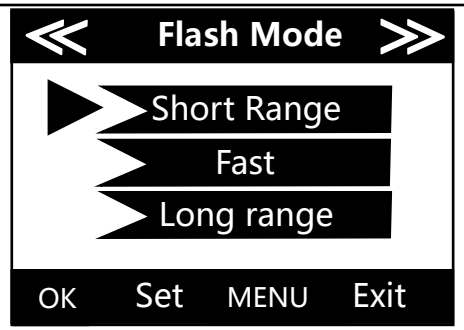
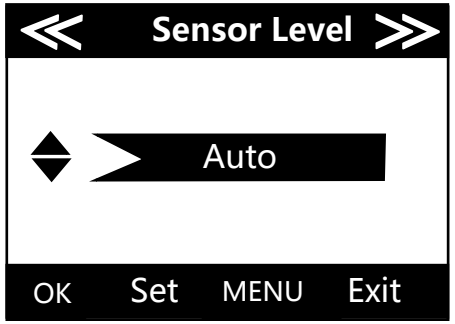
Settings

Video Size		Selects video resolution (in pixels per frame). Higher resolution produces better quality videos, but creates larger files that will occupy more space of the SD card.
Video Length		Sets length per captured video clip. Settings begin with 10 second default when parameter is first selected. After stepping down to 5s, video length settings starts over from 60s.
Camera Name		Allows the user to set a customized name for the camera. Very useful for identification purpose when multiple cameras are used at the same time since each camera will imprint its name on all photos (but not videos) it captures.

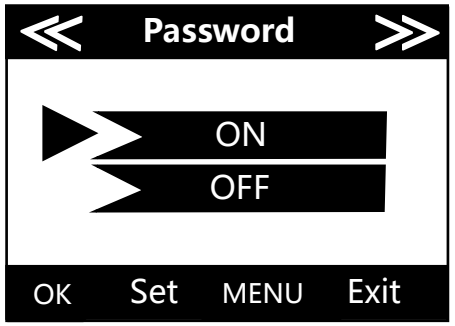
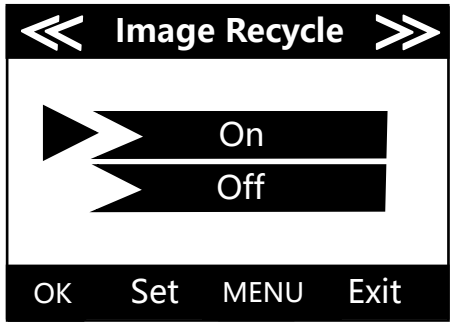
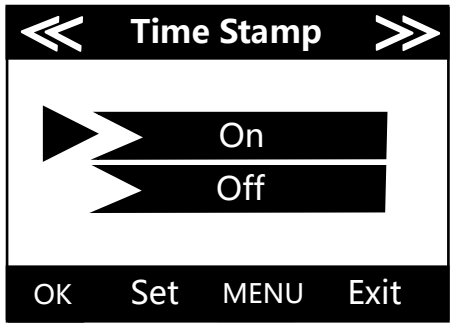
Settings

Interval		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 mode user sets “ignore triggers” interval, the camera will not capture photos/videos. This prevents the card from filling up with too many redundant images.
Coordinate Input		Using the Setup Menu Input Screens"Allows user to input latitude and longitude coordinates for camera's location.This data will be embedded in files saved on camera’ s SD card.
Work Period Set		Press OK and use UP/DOWN keys (to change the setting) and LEFT/RIGHT keys (to move to the next field) to set time. Once all settings are made, press OK to save. Note: two time blocks can not appear in overlap section, or you will not set it successfully. For example: A 8:00-12:00 B 13:00-23:00, this is OK for set.

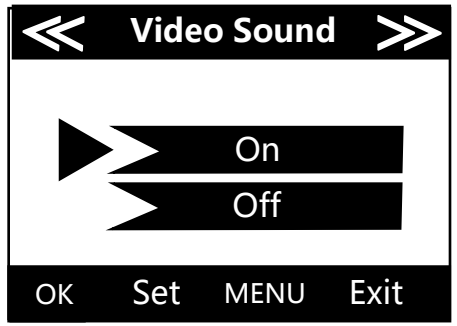
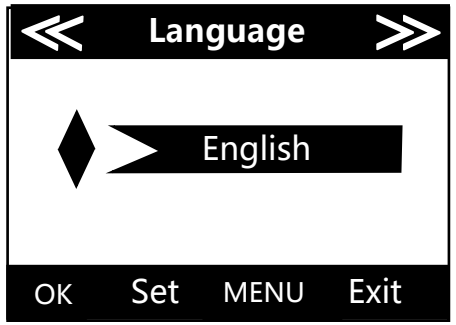
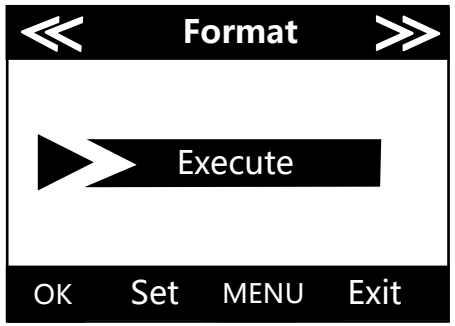
Settings

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 an 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 in dependent “blocks” of Time Scan recording,as well as the interval time between each photo/video
Flash mode		There are 3 flash mode, Choose Flash Mode by pree UP/DOWN
Sensor Level		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.

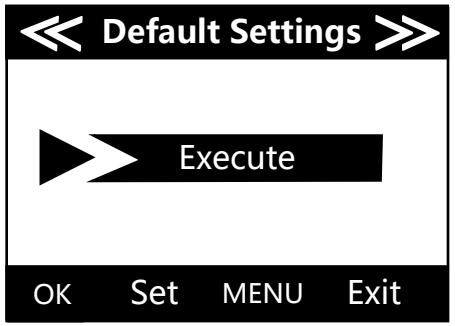
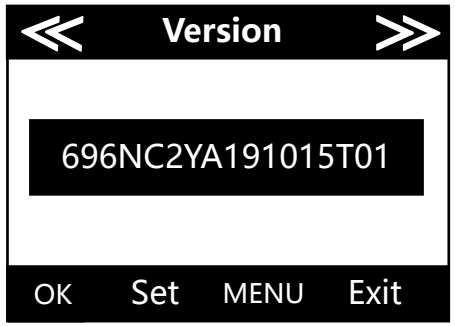
Settings

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.
Image Recycle		When the SD card memory is full, it will automatically make your new file overwrite the previous files. Please download the picture in time and choose carefully
Time Stamp		Select "ON" if you want the date & time imprinted on every photo, select "OFF" for no imprint.

Settings

Video Sound		Select “On” to record audio along with the video when the camera is set to video mode (saved file sizes will be slightly larger). Press OK to save.
Language		Selects user's preferred language from defined nine languages.
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. Caution! Make sure you have downloaded and backed up all files you want to preserve first! Press OK to execute, press MENU (or select NO then press OK) to exit without formatting.

Settings

Default Settings		Select “Execute” and press OK to restore all parameters to the original factory default settings.
Version		Here it shows the updated Firmware version being currently used in this camera. Make sure you download and use the most updated firmware.

Press”MENU” to exit setting mode after all setting finished, don't operate the camera and wait for about 30s, you will see count down number from 09s to 0s, when screen turn to black, the camera will start working.

MOUNTING and POSITIONING

Mounting

We recommend mounting cam on a sturdy tree with a diameter of about 6 in. (15cm). To get the optimal picture quality, the tree should be about 16-17 ft(5 meters) away from the place to be monitored, with the camera placed at a height of 5-6.5 ft. (1.5~2 m). Also, keep in mind that you will get the best results at night when the subject is within the ideal flash range, no farther than 60' (19m) and no closer than 10'(3m) from the camera.
There are two ways to mount cam: using the provided adjustable strap or the tripod socket.
•Using the adjustable strap: Push one end of the strap through the two brackets on the back of cam. Thread the end of the strap through the buckle. Fasten the strap 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 where you expect game or subjects to be. Try different distances and angles from camera.
• If emotion indicator LED light blinks, 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

Model Number	KW696
Effective Pixels	Day Sensor:4320*3252(14M);Night Sensor: 2592*1944(5M)
Lens	Night Sensor lens (at night): f=7.36mm F/NO:2.8 FOV=55°,HOV=42°; Day Sensor lens(at day) : f=8.45mm F/NO:2.8 FOV=50°,HOV=40.5°
IR-Flash Range	High Power LED: 6*850nm(30m) or 6*940nm LEDS(25m)
Display Screen	2.4 inch HD Color Display
Image Size	30M(6400x4800);14M(4320*3240);5M (2592*1944);
Video Size	1920*1080; 1280*720 ; 640*360
PIR Sensitivity	PIR with 4 sensitivity levels:High/ Normal/ Low/Auto
Response Time	Picture trigger: < 0.25 s, Video trigger: <0.6s
Triggering Interval	1sec-60min programmable
Shooting Numbers	1-9 programmable
Video Length	5-60sec. programmable
Power Supply	8×AA recommended; DC12V
Operating Temperature	-20-60℃（Storage temperature:-30-70℃）
Operating Humidity	5%-90%
Waterproof	IP67

Warranty Card

Warranty

Model _____

Serial No _____

Date of Purchase _____

Your Name _____

Your Add _____

Your Tel _____

Warranty State

During warranty, hardware failure occurring, which caused by product itself, we will provide free maintenance service for the customer. Warranty period is one year from the day you purchase it. If there is a need for reparation, you should offer this warranty card, please take care of it.