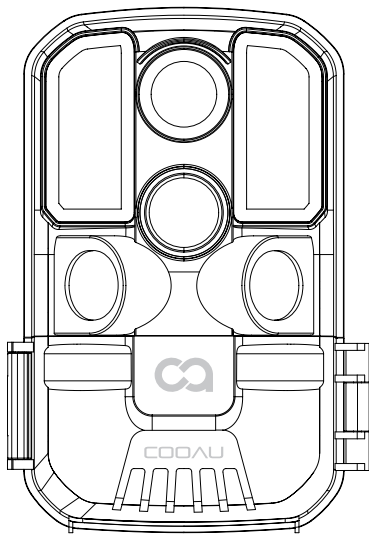




# TRAIL CAMERA **H6**



## User Manual

Service email: [support-us@cooau.com](mailto:support-us@cooau.com)



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Thank you again for choosing COOAU. Please note that items purchased from COOAU have a 1-year warranty. Please contact our after-sales support department to let us know if there is anything we can do to help you further.er.

Contact methods: [support-us@cooau.com](mailto:support-us@cooau.com)

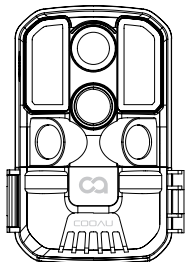
Kind Regards,  
COOAU Support Team

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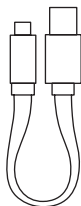
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# 1. PACKING LIST

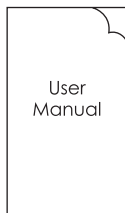
Please carefully unpack camera and check that below accessories are contained in the box.



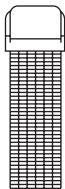
1



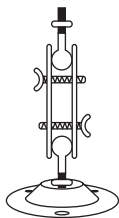
2



3



4



5



6



7

1. Wildlife Camera x 1
2. USB cable x 1
3. Instruction Manual x 1
4. Mounting Belt x 1

5. Wall Mount x 1
6. Screws x 3
7. Remote Control x 1

## **2. INTRODUCTION**

The Wildlife Camera is a wildlife and surveillance camera with an infrared sensor. The sensor can detect sudden changes to the ambient temperature within an evaluation area. The signals of the highly sensitive infrared sensor (PIR, passive infrared sensor) switch on the camera, activating picture or video mode.

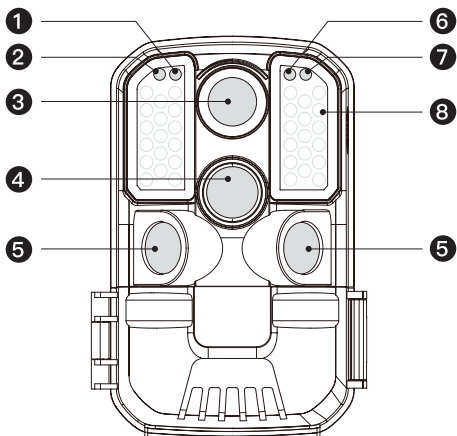
### **2.1 Features of WIFI Trail Camera**

1. CMOS sensor.
2. 24 Megapixels photo and 1296P HD video.
3. 6.1cm (24), color TFT LCD; 320x240 pixels
4. Full automatic IR filter.
5. Trigger speed: Approx. 0.2 second.
6. Setup Serial No. to record the position.
7. Time, date, temperature, phase and Serial No. will be stamped on the photo.
8. Password protection.
9. Power indicating.
10. Built-in test function about environmental temperature.
11. Built-in microphone and speaker.
12. Mini USB 2.0 interface.
13. Water proof standard IP66.
14. Extremely low power consumption in standby operation providing extremely long operating time, lasts 6 months with 8 pcs batteries when taking 50 pics photos every day.

### **2.2 Application Scenarios of Wildlife Camera**

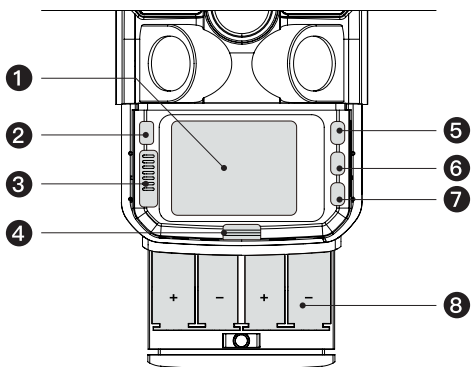
1. Camera trap for hunting
2. Animal or incident observation.
3. Motion triggered security camera for domestic, office or public use.
4. Any internal and external surveillance.

### 3. APPEARANCE

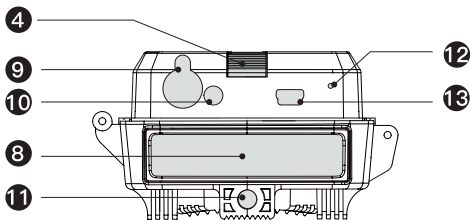


- 1. Light Sensor
- 2. Side PIR Indicator
- 3. Lens
- 4. Main PIR Sensor

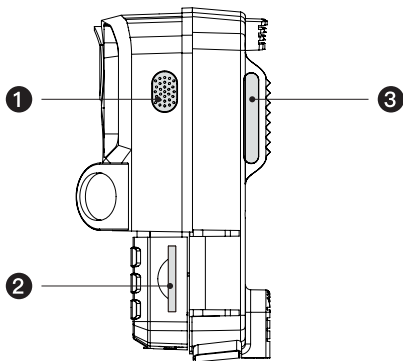
- 5. Side PIR Sensor
- 6. System Indicator
- 7. Main PIR Indicator
- 8. IR LEDs.



- 1. Light Sensor
- 2. Side PIR Indicator
- 3. Lens
- 4. Main PIR Sensor
- 5. Side PIR Sensor
- 6. System Indicator
- 7. Main PIR Indicator
- 8. IR LEDs.



- |                         |                   |
|-------------------------|-------------------|
| 1. Screen               | 8. Battery Case   |
| 2. Mode                 | 9. DC Power Input |
| 3. OFF/SETUP/ON         | 10. AV Out        |
| 4. Battery Case Release | 11. Mount Screw   |
| 5. UP                   | 12. Microphone    |
| 6. OK                   | 13. Mini USB      |
| 7. Down                 |                   |



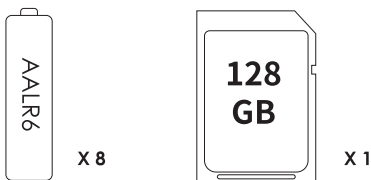
- |                 |
|-----------------|
| 1. Speaker      |
| 2. SD Card Slot |
| 3. Strap Slot   |



1. The monitor is only switched on in the SETUP mode for changing menu settings or viewing existing photos and videos.
2. A SD memory card must have been inserted into the memory card slot to save photos and videos.
3. Using the mini USB connection (USB 2.0), the camera can be connected to a computer to download photos and videos.
4. Using the mode switch, the three operating modes: OFF, SETUP and ON can be selected.

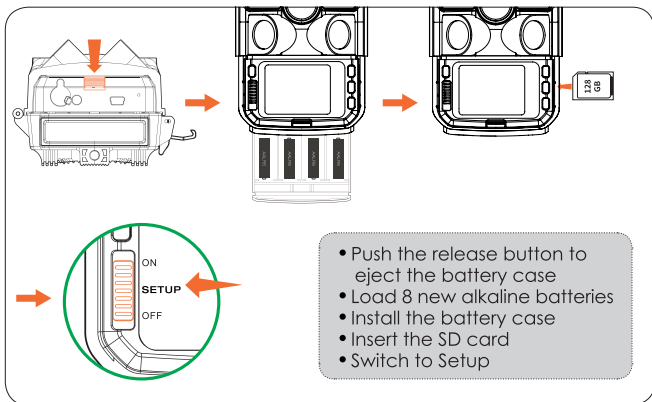
## 4. PREPARING THE CAMERA

### Note:

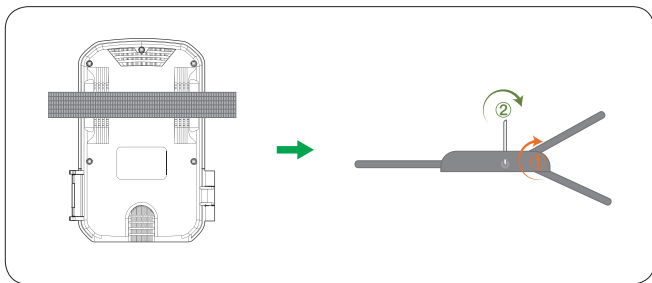


1. SD memory cards up to a capacity of 128 GB are supported.
2. For best using experience, we recommend using 8 alkaline batteries to power the camera, lithium-ion rechargeable batteries are not recommended because rechargeable batteries have lower voltage output and poor performance under low temperature.
3. The camera must be inserted 4 or 8 x 1.5V AA batteries. Do not use new and old batteries together. DC interface need 6V/1.5A adaptor with 3.5 mm (outer diameter) s\*1.3 mm (inner D) plug head.
4. Insert CLASS 10 or higher class micro 128GB SD card (CLASS 10 recommend). Prior to insert into memory card, ensure that the lateral write protection on the memory card has not been locked.
5. Switch on the camera. Three switches: power off (OFF), setup menu (SETUP) and live mode (ON).
6. New memory card is recommended to be formatted when using (as below described).
7. Please note that the camera will power off when power is very low.

## How to start:



## Assembly with Strap:



## 5. USING THE CAMERA AND SETUP MENU

### 5.1 Using the Camera

#### 1. Operating Buttons

Keys	Functions
<b>Power Key</b>	Pull Switch: 1. Off: Power off . 2. Setup: Setting and test mode. 3. ON: Working mode.
<b>Mode Key</b>	1. Short press to switch back and forth between menus, taking photos, recording videos and playback. 2. In the submenu, short press to return to the previous menu.
<b>UP Key</b>	Select UP.
<b>OK/SHOT</b>	1. In the video or photo taking interface, short press to shot. 2. Under the menu settings, shot press to confirm as OK.
<b>Down Key</b>	1. Select DOWN 2. In playback mode, long press the button to pop up the "delete menu".
<b>Battery Case Eject</b>	Press to eject the battery case.

2. The Power Switch key is used to control the camera working status.

#### **OFF:**

The camera is completely off, only in this mode, you can unplug the memory card, replace the batteries.

#### **Setup:**

Under this mode, the camera screen is on, you can manually record video or take photos, you can also review the recorded files or change the setup options according to your own reference.

When the camera is in Setup mode, the PIR sensors are on, when they

are triggered, the PIR indicators LED will flash. But in this mode, the camera will not take photos or record video.

### **ON:**

When the camera is switched from SETUP mode to ON mode, it will enter standby with low power consumption, screen display will turn off and button operation will be disabled. The camera will respond to the PIR sensors only. It will turn on and take photo or record videos when the PIR sensor is triggered, then return to standby afterwards.

## **5.2 Setup menu**

### **Mode**

Photo, Video, Photo+Video, Select whether photos or videos should be taken when motion is detected. When in the "Photo+Video" mode, the camera first takes a set number of photos prior to recording a video.

### **Image Size**

24MP / 20MP / 16MP / 12MP / 10MP / 8MP / 5MP / 3MP / 2MP Available  
Select the desired resolution for photos. A higher resolution produces a somewhat better photo quality but results in larger files requiring more space on the memory card.

### **Picture NO.**

1P/2P/3P available.

Choose the photo count to be taken when the camera get triggered.

### **Resolution**

1728\*1296P, 1920\*1080P, 1280\*720P, 720\*480P, 640\*480P.

Select the required video resolution.

A higher resolution produces higher quality videos but results in larger files requiring more space on the memory card. Videos are recorded in MP4 format which can be played back on most video devices.

### **Video Length**

Default 5 seconds, optional 5s-180s.

Specify the duration of a video recording when the camera is triggered automatically. The recording period for videos is not limited in the SETUP mode,

- In the SETUP mode in daytime and at night..
  - > When recording manually, the camera will stop automatically after 29 minutes' recording;
  - > When recording manually, the camera will stop when one video clip size gets to 4 GB;
  - > When recording manually, the camera will stop when the memory card is full or low power.

- In live mode (ON) at night the camera will work automatically as per the video length setting. For low power, it will stop recording in advance.
- Please set the shorter video length to guarantee a long-time usage of batteries.

#### **NOTICE:**

Video recording will consume significantly more power than taking photo, especially at night with IR LED on. Please set a shorter video length to ensure battery life.

The power consumption of 10 seconds video recording is the same as 150 photos.

#### **PIR Interval**

5 seconds ~ 59 minutes 59 seconds.

Select the shortest period for the camera to wait before it reacts to the successive triggering of the main sensor after an animal has first been detected.

The camera does not record any photos or videos during the selected interval. This prevents the memory card from being filled with unnecessary shots.

- The shot lag is short, the camera shooting frequency would be high, and there would be high consumption of the power. It would affect the usage days of the batteries.
- On the opposite, if the shot lag is long, it would be a lower consumption of power to guarantee a long-time usage.

#### **PIR Sensitivity.**

High / Medium / Low

- Select the sensitivity according to the applied conditions.
- Select "High" For interior areas and environments with little interference.
- Select "Medium" for exterior areas and environment with a normal amount of interference.
- Select "Low" for an environment with a high level of interference.

#### **IR LED**

Auto / Super Fine / Economy

Adjust the IR LED brightness. At Super Fine, the IR LED will consume more power.

#### **Time Lapse**

Press "ON" to set the time interval, and set the values of Hr, Min and Sec. For example, if the process of flowers blooming has to be recorded, time lapse can be used. The camera automatically takes pictures in every set time intervals.

### **Monitoring Period**

Timer 1 Start / Timer 1 Stop

Timer 2 Start / Timer 2 Stop

Select "ON" to turn on this function, and set the Timer 1 and Timer 2 to set the starting working and ending working time.

After finishing setting, the camera only works during the set time every day. Beyond the period, the camera is in standby. If the start time is, for instance set to 18:35 and the end time to 8:25, the camera will be operational from 6:35 pm of the current day until 8:25 am of the following day. The camera will not be triggered and will not take any photos or videos outside of this period.

### **Record Audio**

Turn on/off audio recording.

Date/Time

Select Date/Time and press "OK" to change the Date/Time setting.

Use the UP and Down button to adjust values, Press "OK" to confirm change and switch to next digit.

After setting the time and date, press MODE button to exit Date/Time setting.

### **Date/Time**

Three options for date display.

DD / MM / YY

MM / DD / YY

YY / MM / DD

### **Date Stamp**

ON / OFF

Turn on/off display of date watermark on photo.

### **Camera Name**

Setup the camera name and it will be displayed in the photo watermark.

### **Beep Sound**

ON / OFF

Turn on/off button operation beep sound.

### **Language**

Select the menu language.

English / French / Spanish / Portuguese / German / Italian / Japanese / Chinese available.

### **Password Setting**

Setup a startup password to protect the camera.

### **Auto WIFI Off**

Setup the time so the camera will automatically turn off WIFI when it is not connected to a smart phone within the preset time.

### **Format**

Format the memory card.

### **Default Setting**

Cancel /OK Press "OK" to reset the camera settings to the default values.

### **Mcu FW Update**

Firmware Update.

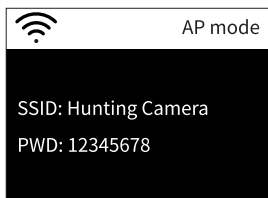
## **6. WIFI and APP**

Before using the WIFI function, please install the APP application on the smart phone device.

For Android smart phones, please search for "Hunting Cam Pro" Provided: Shenzhen HDKing Electronics Co., Ltd on Google Play to download and install.

For IOS smart phones, please search for "Hunting Cam Pro" Provided: Shenzhen HDKing Electronics Co., Ltd in the Apple Store and install to use.

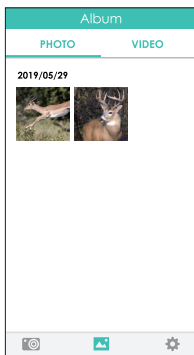
1. Turn on WIFI on your phone.
2. When the camera is in SETUP mode, press and hold the up button 3S in video or photo mode, the screen displays the "WIFI" connection interface, when the indicator light flashes alternately on the camera, the interface shows as follow.
3. When the camera is in ON (monitor mode), turn on the WIFI with the remote control. When you press "ON" on the remote control, the indicator light on the remote control is on. Hold it about 3s to wake up the camera. If you can see the light on the cam is flashing or your phone can find the WIFI signal, indicating that it has successfully docked with the camera and turned on the WIFI.



4. Hit the phone "Settings", hit the "WLAN" option in the settings, search for the camera's WIFI name "Hunting Camera", and enter the original password: 12345678;  
When the connection is successful, you will see a connection interface on the camera. The camera screen will turn off after some while; if you operate it again, press any key on the camera, the machine screen will light up again, and display the successful connection information, as shown below:



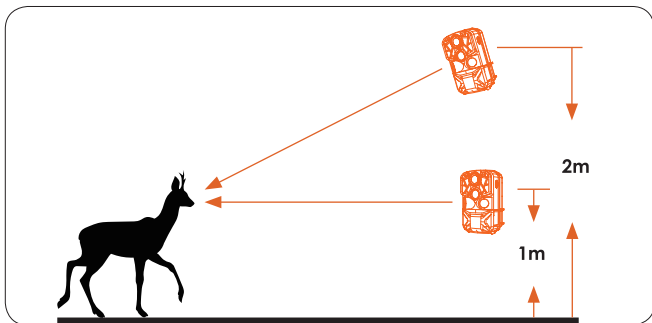
5. Open the "Hunting Cam Pro" APP program and hit the camera icon on the APP interface.
6. On the APP, you can preview the picture you are shooting in real time, you can record, take pictures, menu settings, file playback / download / delete.
7. The downloaded photos or videos can be viewed at the bottom of the APP interface, and can be viewed for deleting or individual sharing.





8. Exit WIFI Mode.
9. Press and hold the "UP" button of the camera for about 3S to exit WIFI, and the camera turns back to the recording interface, and the indicator light turns off.
10. Press "OFF" on the remote control, if you see the indicator light on the remote control when you press it for the first time, then press it a second time, you will see the indicator light on the remote control flash quickly, indicating that it has been successfully turned off. The camera will automatically come back to "ON (monitoring) mode" or SETUPS mode.
11. When finish using the APP, you can select "Exit WIFI" in the last item in the APP menu.
12. If you turn on "Auto WIFI OFF", the camera will automatically exit WIFI when your phone disconnect from the WIFI and come back to the original mode.

## 7. INSTALL THE CAMERA IN THE FIELD



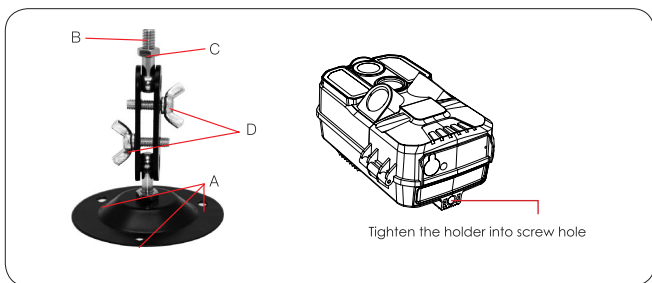
1. During alignment consider whether the use of the side motion sensors may be useful for attaining the desired observation results.
2. Align the camera as follows:  
Fasten the camera to a tree or similar object at a height of 1-2 meters and align the camera in the desired direction. Then move slowly from one side of the target area to the other side. While doing this, monitor the motion displayed.  
Operating Principle sensors. If it lights up in red, you have been detected by the front motion sensor. In this case, you can work out the best alignment for the camera.
3. The motion display only lights up when operating mode selector switch is in the SETUP position and one of the motion sensors has detected movement. During normal operation, there will be no LED display in this area.
4. To ensure that the camera doesn't make unwanted recordings of irrelevant movements, it should not be set up in a sunny location or close to branches. The detecting range of the sensors is  $120^\circ$ . And the recording angle of the camera is about  $120^\circ$ .

## 8. MOUNTING

### 1. Using the Adjustable Web Belt.



### 2. Using the Tripod Socket



(A) Drilled holes  
(C) Counter screw

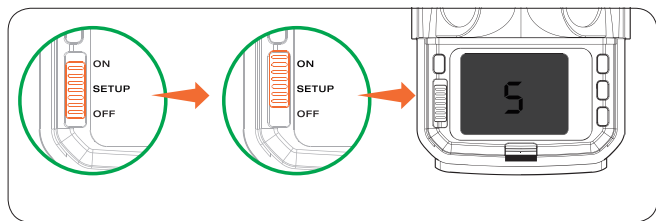
(B) Tripod bolt  
(D) Hinge screws

## 9. ENTER ON / LIVE MODE

The standard application of the H6 Camera is the ON / Live mode. In this mode, photos are either triggered by movement sensors or at intervals according to the respective setting.

To set up the ON / Live mode, switch power switch to ON position. The red LED will flash and the screen will count down 5 seconds when you just switch to Live mode (ON), then the camera work automatically and enters the ON / Live mode.

As soon as wild animals or other objects directly enter the detection area of the sensor zone, the camera starts to record photos and videos.



- In the daytime. IR LEDs will not light up. The photos and videos are in color.
- At night. IR LEDs will light up, and the photos and videos are in black and white.
- The Shot lag is 1 minute defaulted. The optional is 5s-60 min.
- Please set up recording mode and related parameters before entering Live mode.
- When Flash Light is set to "Auto", the camera will adjust the brightness of IR LEDs automatically in low power.
- When shooting at night, the brightness will decrease automatically. Under low power, the power is not enough to light up the IR LEDs, shooting will stop at night.

## 10. TECHNICAL SPECIFICATIONS

<b>Image Sensor</b>	24 Megapixel CMOS sensor
<b>Function Modes</b>	Video recording / Photo / Photo and video
<b>Lens</b>	F2.5f = 3.6mm
<b>LCD</b>	2.0inch LCD
<b>Photo Resolution</b>	24M, 20M, 16M,12M,10M, 8M, 5M, 3M, 2M
<b>Trigger Time</b>	0.2 seconds
<b>Video Resolution</b>	1296P, 1080P, 720P, WVGA
<b>Memory Type</b>	Micro SD Card (up to 128GB max)
<b>File Format</b>	JPEG,AVI
<b>USB Connection</b>	USB 2.0
<b>Power</b>	6V
<b>Language</b>	English / French / Spanish / German / Portuguese / Italy / Chinese
<b>OS</b>	Windows XP/ Vista/7/8, Mac 10.2
<b>Detection Angle</b>	120°

## 11. SIMPLE TROUBLE SHOOTING

<b>The camera will not turn on</b>	<ol style="list-style-type: none"><li>1. Please check whether the batteries are installed in proper way.</li><li>2. Check if the battery capacity is low or exhausted. If so, please replace by new batteries.</li></ol>
<b>The camera turns off automatically</b>	<ol style="list-style-type: none"><li>1. Please check whether the battery capacity is low or exhausted. If so, try to change new batteries for outdoor using or connect AC adapter for indoor using.</li><li>2. Please check if SD card is full. If so, transfer images and videos to your computer or delete some files in the Replay Mode.</li></ol>
<b>It shows 'SD card Error'</b>	<ol style="list-style-type: none"><li>1. Please ensure that SD card is with class 10 standard or higher level.</li><li>2. Please use the camera to format SD card at the first time.</li></ol>
<b>Videos are choppy or jumpy when played on a computer</b>	<ol style="list-style-type: none"><li>1. Try to use different media players such as VLC player.</li><li>2. Ensure AVI format Video clip can be played on your computer.</li></ol>
<b>The image is not clear</b>	Please ensure that you have removed the protective films on IR LEDs and lens before using.
<b>The camera does not take images or record videos</b>	Check if the memory of SD card is full, transfer images or videos to your computer or delete some files in the Replay Mode.

**Note:** Specification could be subject to modification due to updating. Please regard the actual product as the standard form.

Please email us for better solution  
instead of returning any unqualified product to Amazon

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THANK YOU



My Moment My Passion