

# User Manual





# Contents

Parts Of The Camera .....	3
Power Supply .....	4
Inserting Storage Media .....	4
Basic Operation .....	5
Take Photos,Record Video,Playback .....	11
Aligning the camera .....	12
Assembly with strap .....	14
Using the wall bracket .....	14
Remote Control by Mobile App/ Wi-Fi Connecting	16
Connect of Camera and Pad/Smartphone via WiFi	16
Connecting To TV .....	21
Download Files To The Computer .....	21
FCC WARNING .....	22

## **Introduction**

Congratulations on the purchase of your new device. You have selected a high-quality product. The operating instruction is one constituent of this product. It contains important information about safety, use and disposal. Before using the product, familiarise yourself with all operating and safety instructions. Use this product only as described and only for the specified areas of application.

## **Copyright**

This documentation is subject to copyright protection. Any copying or reproduction, including extracts thereof, and the reproduction of images (even in a modified state), is only permitted with the written authorisation of the manufacturer.

## **Intended Use**

This device is intended only for recording digital photos and videos, particularly for observing wildlife. It is not intended for any other use or for uses extending beyond those stated. This device is not intended for use in commercial or industrial environments.

The manufacturer accepts no responsibility for damage caused by failure to observe these instructions, improper use, incompetent repairs, making



unauthorised modifications or for using unapproved replacement parts. The operator alone bears liability. When the equipment will be placed in the outdoor filming, rapid changes in the weather could lead to error record.

## **Safety**

Please read below safety precautions carefully before using the camera.

- Do not try to disassemble the product case. Only authorized technician can repair the product.
- The camera will be hot after using for too long time. This is normal.
- Please use the accessory provided by our factory.



## **IMPORTANT**

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

## ➤ Parts Of The Camera

1.Display Screen

2.Up/Video Button

3.Shot Button

4.Right Button

5.OK Button

6.Speaker

7.Menu Button

8.Left Button

9.Playback Button

10.Down/Photo Button

11.Micro SD Card Slot

12.AV Jack

13.USB Jack

14.OFF-TEST-ON

Mode Button

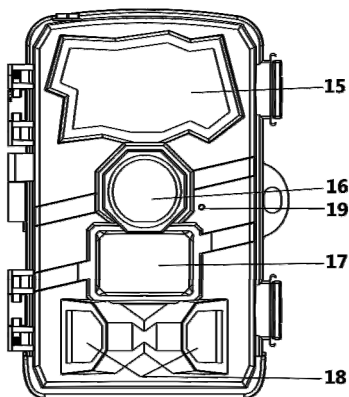
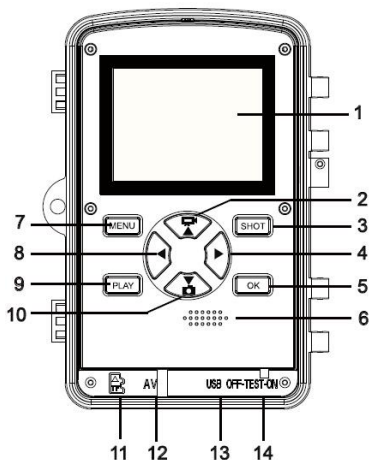
15.Infrared LEDs

16.Lens

17.Front Motion Sensor

18.Side Motion Sensor

19.Indicator light



## ➤ **Power Supply**

Please install batteries before using the camera.

◆ Open the camera case and remove the battery cover. Install 8 pieces of 1.5V AA batteries.Or 1.2V brand rechargeable batteries Please make sure the electrode is correct.

◆ If the camera is in low power, please connect the camera to a power adapter(not provide) for power supply (The specification of the adapter is DC6.0V/2A). Locate the rubber seal on the bottom of the camera and open it. Connect one end of the power adapter to the hunting machine, and the other end to the power source for power supply.

## ➤ **Inserting Storage Media**

Please prepare a Micro SD card and insert it into the camera for saving more files. Before recording, please format the memory card first.

◆ Support Micro SD card,up to 512GB. Suggest to use at least class 10 or above high speed card.

◆ To avoid malfunction, the memory card should be far away water, strong vibration,dust, hot source and direct sunlight.

◆ Do not insert the memory card forcibly. Please refer to the marking on the camera.

◆ For the first time use, please wait for the memory card temperature reach the ambient temperature.The camera

will be short-circuit influenced by environment temperature and humidity. Please notice protection for the camera when using it outdoor.

- ◆ If the capacity of memory card is full, the camera will stop recording automatically and the LEDs will go out.
- ◆ Press the edge of the card gently to pop-up the TF card.

## ➤ **Basic Operation**

### **Turn On And Off The Camera**

Switch the Mode Button to “Test/On” to turn on the camera.

Switch the Mode Button to “Off” to turn off the camera.

### **System Setup**

Switch Mode Button to “Test”, then you can set the system parameters.

1. Press Video/Photo button to switch between the two modes.
2. Press Menu button to open the setup menu.
3. Press Up/Down button to scan all menu. Then press OK button to enter the options interface.
4. Press Up/Down button to scan all options. And press OK button to confirm options.
5. Press Menu button again to turn back to last menu or exit the setup menu.

Setup menu and functions are as below:

## **Mode**

Set the working mode. In photo mode, the camera just take pictures. In Video mode, the camera just record video. In photo&video mode, the camera will take a photo first, then start to record video.

Options : 【Photo】 / 【Video】 / 【Photo&Video】 .

## **Photo Resolution**

Set the still image resolution.

Options : 【32MP(6480x4860P)】 / 【20MP(5200x3900P)】  
/ 【16MP(4608x3456P)】 / 【12MP(4000x3000P)】 /  
【8MP(3264x2448P)】 / 【5MP(2592x1944P)】 /  
【3MP(2048x1536P)】 / 【1MP(1280x960P)】 .

## **Photo Series**

Set the photo number of continuous shooting. In photo mode, the camera will take photos continuously.

Options : 【1 photo】 / 【2 photos in series】 / 【3 photos in series】 / 【10 photos in series】 .

## **Video Resolution**

Set the video resolution. The bigger the resolution is, the shorter the video time can be stored.

Options : 【3840x2160P】 / 【2688x1520P 20fps】 /  
【1920x1080P】 / 【1280x720P】 / 【1280x720P 60fps】 /

【848x480P】/【720x480P】/【640x480P】/【320x240P】.

## **TL Video Resolution**

Set the resolution of time lapse video .

Options: 【5200x3900P】/【4608x3456P】/【4416x3312P】  
/ 【4000x3000P】 / 【3648x2736P】 / 【3264x2448P】 /  
【3072x2304P】 / 【2592x1944P】 / 【2048x1536P】 .

## **Video Length**

Set the duration of recording a video clip. The shortest time is 3 seconds and the longest time is 2 minutes.

Options : 3 seconds~2minutes.

## **Audio Recording**

Open this function,the camera will record audio when recording video.Options : 【On】 / 【Off】 .

## **Shot Lag**

Set the time of delay shooting when the camera detects the motion. Within the selected time, the camera will not record any image or video. It can avoid to store too much same events and save more capacity. Options : 5 seconds~60 minutes.

## **Side Motion Sensors**

Open/close the side motion sensors.

Options: 【On】 / 【Off】 .

## Sensitivity Motion Sensors

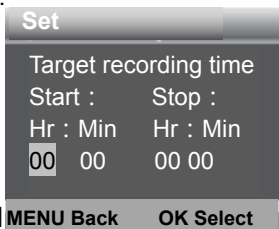
Set the sensitivity of the sensors. Environmental impact is small indoors, you can choose "Low". In outdoor, choose "Middle" in normal condition. Choose "High" if the environment impact is huge outdoors. The temperature can also influence the sensor sensitivity.

"High Sensitivity" applies to mild environment. "Low Sensitivity" applies to cold environment.

Options :【Low】/【Middle】/【High】.

## Target Recording Time

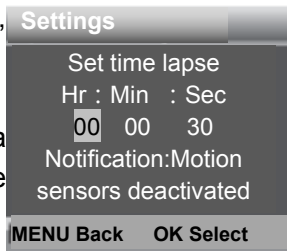
Set the target recording time. As shown in below picture, you can set the start and stop time. The camera will work just in the stated time slot. In other time, the camera will keep in standby state. Options : 【On】 / 【Off】 .



## Time Lapse

In Time lapse menu, there are three options as below.

**[Normal]:** The camera will take pictures automatically as per set time interval. For example, set the interval time to 1 hour, the camera will take a photo each hour. If you want to observe that a plant blooms, the camera will take 24 photos in 24 hours to record the whole process of blooming.



**[TL Video]:** You can set the interval time. The time range is from 1 second to 24 hours. For example, set the interval to 1 hour, the camera will take a photo each hour. If the camera works for 24 hours, there will be 24 photos. These photos will be converted into a video.

**[Off]:** Close the time lapse function.

## **Language**

Set the language display on screen.

Options : **【English】 / 【Deutsch】 / 【Dansk】 / 【Suomi】 / 【Svenska】 【Español】 / 【Français 】 / 【Italiano】 / 【Nederlands】 / 【Portugués】 / 【简体中文】 / 【繁体中文】 / 【日本語】 .**

## **Endless Capture**

Set the camera to record video in loop.

Options : **【On】 / 【Off】 .**

## **Time & Date**

Set the date and time of camera.

The date format: dd/mm/yyyy, yyyy/mm/dd, mm/dd/yyyy.

The time format: 24h , 12h.

Press Left/Right button to choose the item. Press

Up/Down button to adjust the value. And press OK button to confirm.

Options : **【Set time&date】 / 【Time format】 / 【Date format】.**



## **Photo Stamp**

Stamp the date&time on the photos or not.

Options : 【Time&date】 / 【Date】 / 【Off】 .

## **Password Protection**

Set the power-on password of the camera. The password is four digits, each digit ranges from 0 to 9 or A to Z.

If you forget the password, please reset the camera.

Then all parameters will reset to the factory settings.

Options : 【On】 / 【Off】 .

## **WIFI SSID**

Set and change the WIFI name.

## **WIFI Password**

Set and change the WIFI password.

## **Beep Sound**

Open/close the button sound.

Options : 【On】 / 【Off】 .

## **Format Memory Card**

Formatting the memory card will delete all data permanently. Before using a new memory card or a card that has been used in another device previously ,please format the memory card.

Options : 【Yes】 / 【No】 .

## **Serial NO.**

Set the unique serial number for the camera. The number is four digits ,each digit ranges from 0 to 9 or A to Z.Options : **【On】 / 【Off】** .

## **Reset Settings**

Restore the camera to factory default settings including password,serial number and so on.

Options : **【Yes】 / 【No】** .

## **Version**

Look up the Firmware information of the camera.

## **GPS**

Support to manually add GPS latitude, longitude, and altitude positioning information (You can find the longitude, latitude and altitude information of the device installation place through the mobile compass APP).

After taking the photo, you can use the iPhone or Google Maps to open it and you can find out where the photo was taken.

## **➤ Take Photos,Record Video,Playback**

Switch the Mode Button to “Test”. In this mode,you can take photos, record video and playback files manually.

◆ Take Photos : Press Photo button to switch to photo mode. Press Shot button to take a picture.

- ◆ **Record Video** : Press Video button to switch to video mode. Press Shot button to start to record a video clip. Press Shot button again to stop recording.
- ◆ **Playback** : Press Playback button to enter the playback interface. Press Up/Down button to scan photos or video. When playback video, press OK button to play the video. Press OK button again to have a pause. Press Menu button to stop playback. Press Playback button again to exit the playback mode.

### **Playback Menu :**

- 1 ) **Delete current file** : Delete the current photo or video. Options : **【Cancel】 / 【Delete】** .
- 2 ) **Delete all files** : Delete all photo and video files in the memory card. Options : **【Cancel】 / 【Delete】** .
- 3 ) **Activate slide show** : Playback the photos in slide way. Each photo display 3 seconds. Press OK button to stop playing.
- 4 ) **Write protect** : Lock the file. It can avoid accident deletion. Options : **【Write-protect current file】 / 【Write-protect all files】 / 【Unlock current file】 / 【Unlock all files】** .

### **Aligning the camera**

In test mode you can adjust the optimum exposure angle and the range of the motion sensors. During alignment, consider whether the use of the side motion sensors may

be useful for attaining the desired observation results. You can activate/deactivate the side motion sensors using the above-described menu.

Please adjust the camera as follows:

1. 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 display.
2. If this lights turn green, you are detected by one of the activated side motion sensors . If lights turn red, you are detected by the front motion sensor . By this way, you can align the camera to the best angle and distance.

## **Working Mode**

Switch the Mode Button to “On”. After turn on the camera, the screen will display 15 seconds countdown. Then the LEDs and screen will go out. The camera begins to operate independently and enter standby mode.

If the wild animals enter the detection range of the motion sensors , the camera will be activated and detect the motion trail.

If the wild animals continue to move to the detection zone of the sensor, the camera will take photos or record video automatically.

When the wild animals leave the detection zone of the

sensors , the camera will be deactivated and turn back to standby mode.

### ➤ **Assembly with strap**

Use the securing strap supplied to attach the Wildlife Camera to a tree or another object. The illustrations below demonstrate how to fasten the securing strap.



### ➤ **Using the wall bracket**

You can mount the camera permanently on a wall or tree using the supplied wall bracket. Before mounting the wall bracket you should ensure that all existing screws are tight. The best installation height distance from the ground about 1 meter.

### **Components**

1. Tripod screw
2. Lock nut
3. Pivot bolts
4. Drill holes
5. Hexagonal screw
6. Wall plugs
7. Screws



## **Mounting the wall bracket**

### **Required tools**

- Drill
- 6 mm masonry/concrete drill bit
- Phillips head screwdriver

### **CAUTION**

- ▶ Ensure that there are no electric lines, water or heating pipes installed at the proposed drilling location.
- ▶ The supplied wall plugs are only suitable for mounting on concrete and stone. Before starting the installation, please check your installation location carefully for its suitability for the plugs.

The assembly material used must be suitable for the respective location. If in doubt, consult a professional.

### **Install Steps**

- ◆ Mark the drill holes by holding the foot of the wall bracket at the desired mounting location and marking the hole positions.
- ◆ Use a drill with a 6 mm drill bit to drill the required holes and insert the plugs and insert the wall plugs flush with the wall.
- ◆ Screw the wall bracket to the wall using the supplied screws .
- ◆ Mount the camera on the tripod screw and screw the camera a little way on (about three turns).

- ◆ Turn the camera in the desired direction and lock it with the lock nut .
- ◆ To move the camera into its final position, undo the two pivot bolts a little, position the camera and fix the position by tightening the two pivot bolts .

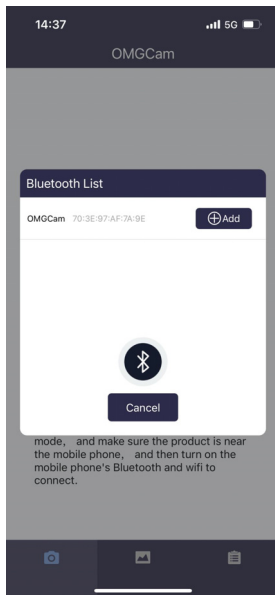
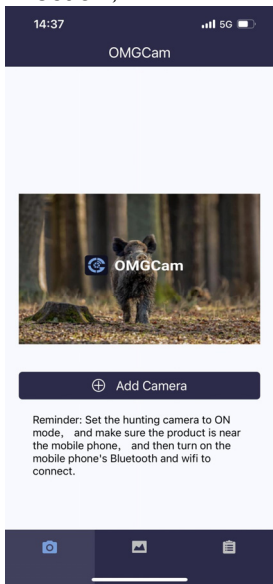
### ➤ **Remote Control by Mobile App/ Wi-Fi Connecting**

Download the APP "OMGCam" by scanning the QR code below.

### ➤ **Connect of Camera and Pad/Smartphone via WiFi**

- 1 . Switch the camera button from "OFF" to "ON".
- 2 . After the 15 seconds countdown finishing, the camera enter sleep working mode.(if the camera is already under working mode, can ignore step 1 and step 2. )
- 3 . Open the "OMGCam" APP and click the "Add Camera" button on the APP, a new interface will pop up, please click the device you want to connect and click "+Add" . And the permission settings about "OMGCam" will automatically pop up, please enable all permissions of the app so that the program can operate normally. Please enter the WIFI page, and find the WIFI hot spot

with the name "OMGCam\*\*\*\*\*" (if you could not see this hot spot, need to wait or refresh about one minute), then enter the initial password "12345678" to enter the WIFI connection;



4 . After WIFI connection is successful, turn back to APP interface, you can do functional operation in the APP. (view files of the TF card, settings, device information preview, albums,etc.)

**Note:When the camera is in a low battery state, it will not be able to connect to WiFi (You will not find the WIFI hot spot)**



5. After setting finished in APP, turn back to the APP main interface. Click the power-off icon on the top right corner or exit the APP(Save power). The camera will enter sleep working mode.

**Note: After the device has been added to the APP, when opening the APP again, you only need to connect the camera, and then click the device to be connected, no click "Add Camera" button.**

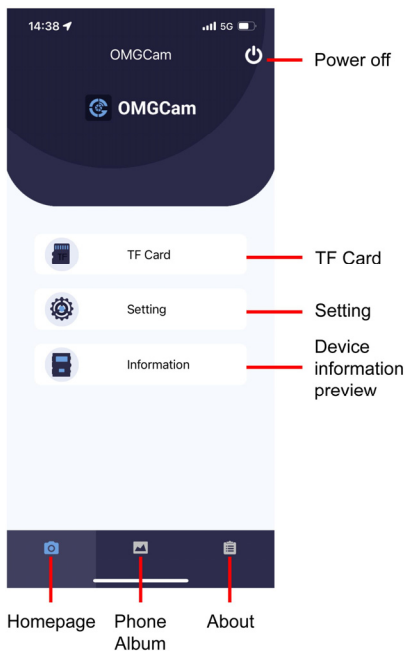
The camera app interface function is described below:

#### ◆TF card button

Click memory card button, user will see the photo and video files stored in the TF card. Click the icon EDIT on the top right corner, then can choose the picture or video to download or delete the files,you also can select all.

#### ◆Setting button

Click Setting button,





user will see the setup menu list of camera. Can set the parameters of camera on APP.

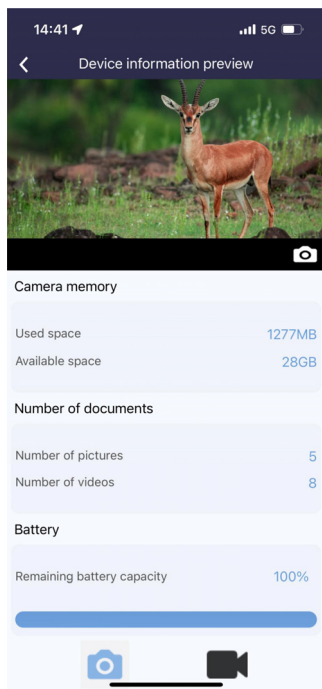
### ◆Information preview button

Click information review button, user will see below interface shown the information of camera storage, number of files and battery. User also can see a real-time video viewed by camera.

**Note:** You can change the installation angle through slightly moving the camera, and adjust the camera to the best installation angle.

When you click  button one time, enter to choice the mode, click again to take a photo;

When you click the  button one time, enter to choice the mode, click again to take video .



## ◆Phone album

User can review the photo and video files downloaded in the pad or smartphone album. Can zoom in image, playback, choose, delete and share files.

### **Tips:**

1. When connecting to WIFI, if the distance between the phone and the camera is closer, the WIFI signal will be stronger, the stability will be better, and the download speed will be faster;
2. If you cannot connect to the camera's WIFI or the connection is unstable within 6-25 meters to the camera, please approach the camera and operate again. (The fastest download speed is 1.5MB/S) ;
3. After the operation of the APP, it is suggested to click the Power- off button in the upper right corner to shut down the APP. The camera will enter the sleep-hunting mode to save battery power;
4. When the product enters WIFI mode, if the mobile phone fails to connect WIFI after 3 minutes, the product will automatically enter sleep-hunting mode;
5. When WIFI connection is successful. If there is no information interaction between the camera and the mobile phone, the camera will automatically disconnect

after 3 minutes and enter the sleep mode, and you need to reconnect to WIFI.

### ➤ **Connecting To TV**

The camera can transfer the video signal to an external monitor or a television. Please follow below instructions to operate.

1. Connect the camera to the TV via provided AV cable.
2. Turn on the TV and set it to AV mode.
3. Turn on the camera, switch the Mode Button to "Test".
4. Once connection is successful, the camera will enter playback mode and the screen turn black. The image will show on the TV.

### ➤ **Download Files To The Computer**

There are two ways to download files from the memory card to a computer:

- ❖ By inserting the memory card into a card reader
- ❖ By connecting the camera to a computer using the supplied USB cable.

### **Using a Card Reader**

1. Pop-up the memory card from the camera and insert it into a card reader. Then connect the card reader to a computer.
2. Open [My Computer] or [Windows Explorer] and double-click the removable disk icon that represents the

memory card.

3. Copy image or video files from the memory card to your computer.

## **Connecting the Camcorder to a PC by the USB Cable**

1. Connect the camera to the computer via USB cable. Turn on the camera, the screen will display "MSDC".
2. Open [My Computer] or [Windows Explorer]. A "Removable Disk" appears in the drive list. Double-click the "Removable Disk" icon to view its contents. All files are stored in the folder named "DCIM".
3. Copy the photos or files to your computer.

### **➤ 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.

Any 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

# SH-988使用说明书



# 目录

前言 .....	26
安全 .....	26
外形结构 .....	27
电池供电 .....	28
插入内存卡 .....	28
基本操作 .....	29
拍照、录影、回放 .....	34
校准摄像机位置 .....	35
安装绑带 .....	36
安装支架 .....	36
通过手机 App/ Wi-Fi 连接远程控制 .....	38
通过蓝牙启动 WiFi 连接相机和 Pad/智能手机 .....	38
与 TV 连接 .....	42
下载文件到电脑 .....	42



## 前言

感谢您购买BOTE(博特) WIFI红外相机SH-988，本产品是一款专门用于记录和观察野生动物的数码相机。为了使您能尽快轻松自如地操作本机，我们配备了内容详尽的使用手册，本手册为您系统地介绍了打猎机的使用说明等。请在使用前仔细阅读本手册，以便您快速正确地掌握使用方法。

在编写本手册时我们非常认真和严谨，希望能给您提供完备可靠的信息，然而难免有错误和疏漏之处，请您给予谅解。

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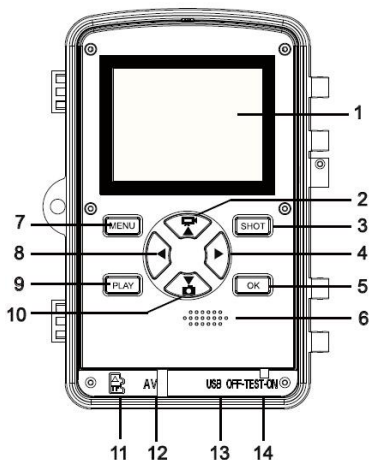
本公司保留对本手册、三包凭证及其相关资料的最终解释权。**安全**

在使用本产品前，请认真阅读并了解以下安全措施。

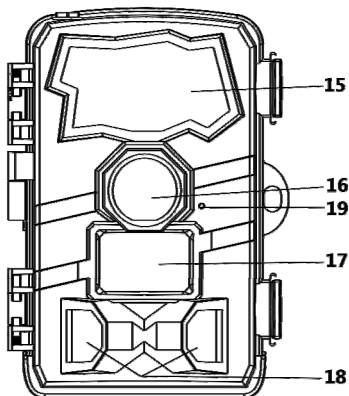
- 请勿试图打开本产品外壳，只有授权维修人员才能进行维修。
- 长时间使用本产品后，机身温度会升高，并非故障。
- 使用本厂商提供的附件。

## ➤ 外形结构

1. 显示屏
2. 向上/录像键
3. 快门键
4. 向右键
5. 确认键
6. 扬声器
7. 菜单键
8. 向左键
9. 回放键
10. 向下/拍照键



11. TF 卡插槽
12. AV 接口
13. USB 接口
14. OFF-TEST-ON 模式键
15. 红外灯区
16. 镜头
17. 前传感器
18. 侧 PIR 传感器
19. 指示灯



## ➤ 电池供电

使用本产品前，请先插入电池。

- ◆ 打开打猎机，找到电池盖并打开，插入 8 节 1.5 V AA 电池，或 1.2V 品牌充电电池，同时确保电池极性的正确。
- ◆ 当使用电源适配器(不提供)供电时（适配器需 DC6.0V/2A 规格），在相机的底部找到橡胶密封圈并打开，用电源适配器的一端连接打猎机，另一端接入电源，进行供电。

## ➤ 插入内存卡

本产品没有内置内存,请在使用前，先插入一张 TF 卡。如果不插入存储卡，相机将不能保存任何数据。拍摄前，请先将 TF 卡格式化，可提高电池寿命和快门速度。

- ◆ 支持 Micro SD 卡，最大容量为 512 GB。建议用户使用 10 级或以上的高速卡。
- ◆ 为了避免故障，储存卡应远离水源，避免强烈振动、粉尘、热源和阳光直射。
- ◆ 不要强行插入存储卡，按照产品上标识的方向插入。
- ◆ 第一次使用时，应该待存储卡温度达到环境温度后再进行拍摄。SH-988可能会受到环境温湿度的影响而导致短路，所以在室外使用时应注意对产品的保护。
- ◆ 当存储卡空间已满，摄像机将会自动停止拍照、录像以及关闭 LED 灯。
- ◆ 拔出 TF 卡时，轻轻按下卡的突出边缘，弹出存储卡。

## ➤ 基本操作

### 开关机

插入电池后，将模式开关拨到“测试” / “开机” 档位，摄像机开机。

将模式开关拨到“关闭” 档位，摄像机关机。

### 系统设置

将模式开关拨到“测试” 档位，可对摄像机进行设置操作。

1. 按录像/拍照按键在拍照和录像模式之间切换。
2. 按菜单键打开设置菜单。
3. 按上/下键浏览菜单。按确认键打开选项界面。
4. 按上/下键浏览选项。按确认键确认设置。
5. 再次按菜单键返回上一级或退出设置。

设置菜单及功能如下：

### 工作模式

设置摄像机工作时的模式。拍照模式下摄像机只拍摄图片。录像模式下摄像机录制视频。拍照&录像模式下，摄像机会先拍摄一张图片，然后开始录像。

选项：【拍照】 / 【录像】 / 【拍照&录像】。

### 照片分辨率

设置静止图片的分辨率。

选项：【32MP(6480x4860P)】 / 【20MP(5200x3900P)】 /  
【16MP(4608x3456P)】 / 【12MP(4000x3000P)】 /  
【8MP(3264x2448P)】 / 【5MP(2592x1944P)】 / 【3MP(2048x1536P)】  
/ 【1MP(1280x960P)】。

## 连续拍照

设置相机连续拍照数量。拍照模式下，相机会连续自动拍摄相应张数的照片。

选项：【拍照 1 张】/【连续拍照 2 张】/【连续拍照 3 张】/【连续拍照 10 张】。

## 录像分辨率

设置视频分辨率。分辨率越高，能够存储的视频时长越短，反之越长。

选项：【3480x2160P】/【2688x1520P 20fps】/【1920x1080P】/【1280x720P】/【1280x720P 60fps】/【848x480P】/【720x480P】/【640x480P】/【320x240P】。

## 缩时录像分辨率

设置缩时录像的分辨率。

选项：【5200x3900P】/【4608x3456P】/【4416x3312P】/【4000x3000P】/【3648x2736P】/【3264x2448P】/【3072x2304P】/【2592x1944P】/【2048x1536P】。

## 录像长度

设置录制一段视频的时间长度。最短为 3 秒，最长为 2 分钟。

选项：3 秒~2 分钟。

## 录音

设置录像时是否同时录制声音。

选项：【开】/【关】。

## 移动感应推迟

设置相机感应到移动后，延迟拍摄的时间。在选定的时长内，相机不会记录任何图像或视频。以防止内存卡存储太多同一事件，占用内存容量。

选项：5 秒~60 分钟。

## 侧边移动感应开关

设置侧边传感器。

选项：【开】/【关】。

## 移动感应灵敏度

设置传感器的灵敏度。在室内所受到的环境影响很小，应选择“低灵敏度”，在室外时，环境正常情况下选择“中灵敏度”，当外界环境对拍摄有很大影响时选择“高灵敏度”。温度也会影响到灵敏度。“高灵敏度”设置适用于温和环境，“低灵敏度”适用于寒冷的环境中。

选项：【低】/【中】/【高】。

## 监控时段

设置摄像机的监控时间，可设置相机录制的具体时间段。如图所示，可以设置摄像机录制的起始时间和结束时间。设置完成后，每天摄像机只会在设定的时间段内录制，其他时间处于待机状态。

选项：【开】/【关】。



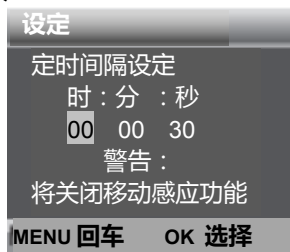
## 定时拍照

此菜单下有三个选项。

**【标准】**：可设置摄像机的定时拍照间隔时间。例如，设置间隔时间为 1 小时 机器就会在每 1 小时拍摄一张照片。若想观察植物的开花过程，将机器放置 24 小时，就会有 24 张照片，开花的全过程即可记录下来。

**【缩时录影】**：可设置间隔时间。间隔时间可以从 1 秒-24 小时自行调节设定。例如，设定时间为 1 小时，机器每隔 1 小时自动定时拍一张照片。如放置 24 小时，即  $1 \times 24 = 24$  张照片最后机器会将这些照片自动合成一个录像文件。

**【关】**：关闭此功能。



## 语言

设置屏幕显示语言。

选项：【English】/【Deutsch】/【Dansk】/【Suomi】/【Svenska】/【Español】/【Français】/【Italiano】/【Nederlands】/【Portugués】/【简体中文】/【繁体中文】/【日本語】。

## 循环录像

开启循环录像功能，机器将循环录制视频。

选项：【开】/【关】。

## 日期&时间

设置摄像机的日期和时间。

设置日期格式：日/月/年，年/月/日，月/日/年。

设置时间格式：24 小时制，12 小时制。

按左/右键选择要修改的位置，按上/下键修改数值的大小，按 OK 键确认。

选项：【设定时间&日期】/【时间格式】/【日期格式】。

## 照片标记

设置是否在拍摄照片时，在照片上保留拍摄的日期&时间/日期。

选项：【时间&日期】/【日期】/【关】。

## 密码保护

设置摄像机的开机密码，密码为 4 位数，每个数字在 0-9 之间选择。

如果忘记开机密码，可对摄像机进行复位操作，恢复到出厂默认设置。选项：【开】/【关】。

## WIFI SSID

设置和更改 WIFI 名称。

## WIFI Password

设置和修改 WIFI 密码。由 8 位数组成，每个数在 0-9 数字，大小写字母字母之间选择。

## 提示音

打开/关闭按键声音。

选项：【开】/【关】。

## 格式化记忆卡

格式化存储卡将永久删除存储卡内的所有数据。当你使用



一个新的存储卡或使用的存储卡曾被用于另一个设备时，应先将存储卡格式化。选项：【是】/【否】。

## 系列号

为摄像机设置一个唯一的系列号，系列号为 4 位数，每个数字在 0-9 或 A-Z 之间选择。

选项：【开】/【关】。

## 恢复设置

将摄像机所有的设置都恢复到出厂时的默认设置。包括设置的密码、系列号等。

选项：【是】/【否】。

## 版本

查看摄像机固件版本信息。

## 手动定位 (GPS)

支持手动添加 GPS 经纬度，海拔高度的定位信息（可借助手机指南针 APP 找到打猎机安装地的经纬度，海拔高度信息），拍摄后的照片就可以用苹果手机或谷歌地图打开，就能查找知道此照片是在什么位置拍摄的。

## ➤ 拍照、录影、回放

将模式开关拨到“测试”档位。可手动进行拍照、录影以及回放录制的文件。

◆ 拍照：按拍照键切换至拍照模式。按快门键拍摄一张照片。

- ◆ **录像**：按录像键切换至摄像模式。按快门键开始录像，再次按快门键停止录像。
- ◆ **回放**：按回放键进入回放界面，按上/下键浏览已保存的照片和视频。回放视频时，按 OK 键播放，再次按 OK 键暂停，按菜单键停止播放。再次按下回放键退出回放模式。

## **回放下菜单：**

- 1) **删除当前文档**：删除当前照片或视频。选项：【取消】/【删除】。
- 2) **删除所有文档**：删除卡内全部文件。选项：【取消】/【删除】。
- 3) **幻灯片展示**：以幻灯片方式自动播放存储卡中的照片，每张照片显示 3 秒，按 OK 键停止幻灯片播放。
- 4) **写入保护**：锁定文件，以防文件被意外删除。选项：【当前文档防写】/【所有文档防写】/【解除当前文档防写】/【解除所有文档防写】。

## **➤ 校准摄像机位置**

在测试模式下，可以调整出摄像机最佳的拍摄角度和摄像范围。校准时，你可以选择是否使用辅传感器进行观测。  
校准摄像机位置的步骤如下：

1. 将摄像机绑在树上或在 1-2 米高的物体上，调整摄像机镜头的方向。然后再慢慢地把摄像机移动到另一侧，监控

所拍摄的运动轨迹。

2. 如果指示灯变绿，说明辅传感器检测到了移动的物体，如果指示灯变红，说明主传感器检测到了移动物体。通过这种方式，就可以调整出安放摄像机最佳的位置。

## 工作模式

将模式开关拨到“开机”档位。机器开机后，屏幕上显示倒计时 15 秒后，红色 LED 灯以及屏幕将会熄灭，摄像机开始独立运作并进入待机模式。

此时若有动物进入了传感器的检测范围，摄像机将被激活并检测运动轨迹如果物体继续向传感器检测的区域移动，摄像机将自动进行拍照或摄像。如果物体离开了传感器检测的区域，摄像机回到待机模式。

### ➤ 安装绑带

使用提供的绑带将摄像机固定在树上或其他物体上。如何紧固绑带如下图所示。



### ➤ 安装支架

你可以使用附带的支架将摄像机安装在墙上或树上。安装时要确保所有的螺丝被拧紧，安装的最佳高度为离地面 1 米左右。

## 元件

1. 三脚架螺杆
2. 锁紧螺母
3. 枢轴螺栓
4. 固定孔
5. 六角螺栓
6. 墙式插座
7. 螺丝



## 工具

- 钻孔机
- 6 毫米钻头
- 十字螺丝刀

## 警告

- ◆ 确保安装位置没有电缆，水或暖气管等经过。
- ◆ 提供的墙式插座只适合安装在混凝土或石头墙上。在开始安装之前,请检查安装位置是否适用此插座。如果有疑问,请咨询专业人员。

## 安装步骤

- ◆ 使用钻孔机在所需的安装位置打出安装孔。
- ◆ 用 6 毫米钻头钻出合适的洞，并插入墙式插座。
- ◆ 用螺丝固定支架。
- ◆ 拧紧三脚架螺杆和枢轴螺栓。

- ◆ 调整摄像机的方向，并用螺母锁定。
- ◆ 移动摄像机到最终位置，稍微拧松枢轴螺栓，将摄像机的位置调整好后，再次拧紧枢轴螺栓固定。

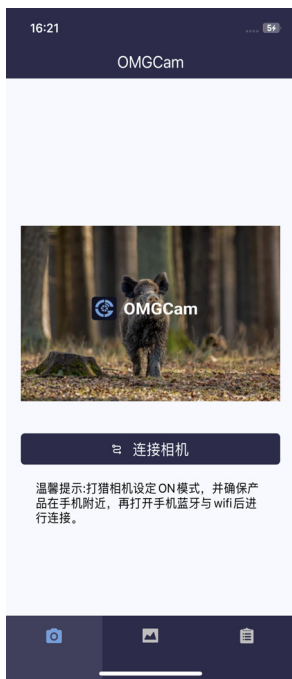
### ➤ 通过手机 App/ Wi-Fi 连接远程控制

扫描此二维码下载 APP，安装到您的 Pad 或智能手机上。



### ➤ 通过蓝牙启动 WiFi 连接相机和 Pad/智能手机

1. 将相机的按钮从 “ OFF” 切换到 “ ON” 。
2. 倒计时 15 秒后，照相机进入睡眠工作模式。（如果照相机已经处于工作模式，则可以忽略步骤 1 和步骤 2）。
3. 打开 “ OMGCam” APP，然后点击 “添加相机” 按钮。将弹出新界面，点击所要链接的机器点添加跳到蓝牙列表，找到 OMGCam 的蓝牙热点并点击选中会出现提示 “发送蓝牙指令 打开 WIFI.....” “WIFI 已开启，请连接” 后自动弹出手机 WIFI 选项，找到 “OMGCam\*\*\*\*\*” 名称的 WIFI 热点（如未看到此热点，需稍等或刷新一下），然后输入原始密码 “12345678” 进 WIFI 连接；



4 . WIFI 热点连接成功后，返回到 APP 界面，可进行 APP 内的相应功能操作（查看 TF 卡内的文件、设置、设备信息预览、相册等）；

5 . APP 操作设定完成后，返回到主界面，点击右上角的关机按钮进行关机（退出 WIFI 连接），退出 APP，产品进入睡眠打猎模式。

相机 app 界面功能介绍如下：



## ◆ 内存卡键

点击内存卡键，用户将看到以下界面显示存储在 TF 卡的照片和视频文件。点击右上角的图标可进行编辑，可选择图片或视频下载或删除文件，也可以全选。


## ◆ 设置键


点击设置键，用户可以看到相机设置菜单列表。可以在 APP 上设置摄像头参数。

## ◆ 信息查看键

点击信息查看按钮，用户将在下方界面看到相机存储、文件数量和电池的信息。用户还可以通过摄像头看到实时视频。

**注意:**您可以通过轻微移动摄像机来改变摄像机的安装角度，将摄像机调整到最佳安装角度。

第一次点击  按钮，进入模式转换，再次点击拍照；

第一次点击点击  按钮，进入模式转换，再次点击录像。

## ◆ 本地相册

用户可以查看 pad 或手机相册中下载的照片和视频文件。可以放大图像，回放、选择、删除、共享文件。

### 温馨提示：

1. 连接 WIFI 时，若手机与产品的距离越近，WIFI 信号





会越强，稳定性会越好，下载速度会越快；

2. 如 APP 操作完毕，建议点击右上角的关机按钮进行关机，产品进入睡眠打猎模式，节省电池电量；

3. 当产品进入 WIFI 模式，如手机在 3 分钟后没有去连接 WIFI，产品会自动进入睡眠打猎模式；

4. 当 WIFI 连接成功，如产品与手机没有任何信息交互，3 分钟后产品自动断开连接，进入睡眠打猎模式。

5. APP 已添加设备后，重新打开 APP 时，只需链接相机，然后点击需要链接的机器，无需再添加网络。

## ➤ 与 TV 连接

本摄像机可以传输视频到外部显示器或电视机，请按照以下说明进行操作。

1. 用 AV 数据线连接本摄像机和电视机。
2. 打开电视机，将电视机的模式调整为 AV 模式。
3. 开启摄像机，将模式开关拨到“测试”档位。
4. 连接成功后，摄像机将进入回放模式，且屏幕会变黑，所拍摄的画面将会显示在电视屏幕上。

## ➤ 下载文件到电脑

有两种方法可以将图像从摄像机的存储卡下载到计算机中：

- 将 SD 卡插入闪存读卡器中
- 用附带的 USB 线将摄像机和电脑相连。

## 使用读卡器

1. 从摄像机中弹出存储卡然后将其插入到电脑的读卡器中。
2. 打开[我的电脑]或 windows 资源管理器，然后双击代表存储卡的可移动图标。
3. 将图像从存储卡上复制到计算机中你选择的目录下。

## 通过 USB 线将摄像机连接到计算机

1. 通过 USB 线将摄像机连接到计算机，开启摄像机。液晶屏上显示 “ MSDC ”。
2. 打开[我的电脑]或 windows 资源管理器，然后双击代表存储卡的可移动图标。所有文件存储在一个名为 “DCIM” 的文件夹中。
3. 将图像从 “DCIM” 文件夹中复制到计算机中你选择的目录下。



