XINBAI

User Manual



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Introduction

Congratulations on the purchase of your XINBAI H90. 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 notintended 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.

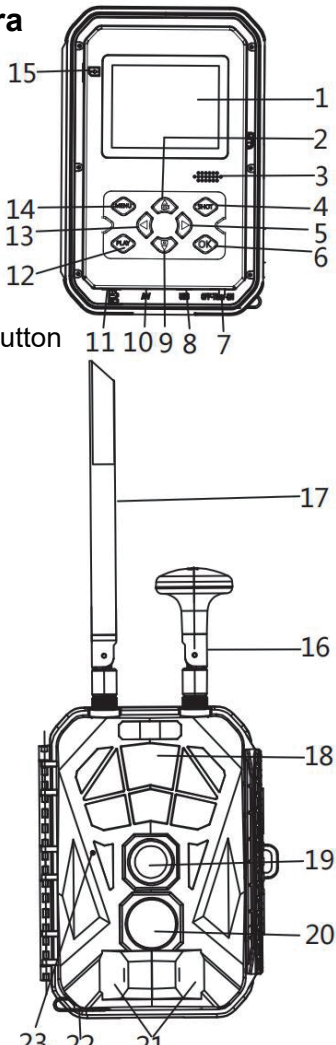
· Do not try to disassemble the product case.Only authorized technician can repair the product.

· The camera will be hot after using for too long time.This is normal.

· Please use the accessory provided by our factory.

➢ Parts Of The Camera

1. Display Screen
2. Up/Video Button
3. Speaker
4. Shot Button
5. Right Button
6. OK Button
7. OFF-TEST-ON Mode Button
8. USB Jack
9. Down/Photo Button
10. AV Jack
11. Micro SD card slot
12. Playback Button
13. Left Button
14. Menu Button
15. SIM card slot
16. GPS module
17. 4G Antenna
18. Infrared LEDs
19. Lens
20. Main PIR sensor
21. Side PIR sensor
22. DC power jack
23. Indicator light



➢ Power Supply

Please install batteries before using the camera.

♦ Open the camera case and remove the battery cover. Install 12 pieces of 1.5V AA 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 DC9.0V/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 memory card and insert it into the camera for saving more files.If without memory card is inserted, the camera will not be able to save any data and will not be able to enter hunting mode. Before using, 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 Micro SD 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.

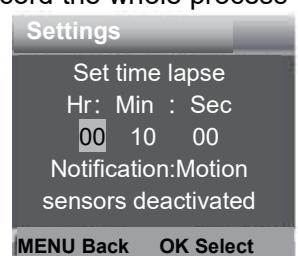
5. Press Menu button again to turn back to last menu or exit the setup menu.

Setup menu and functions are as below:

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 5 mins 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.

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：【36MP(8000x4500P)】/【24MP(6528 x3672P)】/【16MP(5376x3024P)】/【12MP(4608 x2592P)】/【8MP(3840x2160P)】/【4MP(2688x 1512P)】/【2MP(1920x1080P)】/【1MP(1280x720P)】.

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 higher the resolution, the shorter the video duration that can be stored, and vice versa .
Options：【3840x2160P】/【2688x1520P】/【1920x1080P】/【1280x720P】/【640x360P】.

TL Video Resolution
Set the resolution of time lapse video .
Options:【2MP(1920x1080P)】/【1MP(1280x720P)】.

Video Length

Set the duration of recording a video clip. The shortest time is 3 seconds and the longest time is 10 minutes. Options：3 seconds~10 minutes.

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

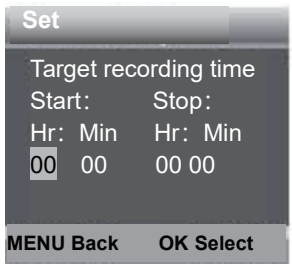
Open/close the side motion sensors.
Options:【On】/【Off】.

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】.

Language

Set the language display on screen.
Options：[English]/[Deutsch]/[Dansk]/[Suomi]/ [Svenska] /[Español]/[Français]/[Italiano]/[Nederlands]/[Português] /[简体中文] /[繁體中文] /[日本語].

Endless Capture

Turn on the endless capture function, when the memory of the device is nearly full, it will delete the oldest file and cover it in a 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】.

Battery stamp

Photos and videos are marked with battery power, when the battery stamp select on.Options：【On】/【Off】.

Battery Warning

If you select the battery warning on,when the battery reaches the low power set value, the APP will push the low battery alarm message. Options：【On】/【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, you need to flash the firmware of the device to restore the factory default settings. Options：【On】/【Off】.

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.

FW Update

When there is a version of the camera firmware that needs to be updated, the firmware can be remotely upgraded (the new firmware is placed on the cloud server ,but need to plugged in a valid SIM card and make sure the camera battery have sufficient power for remote upgrade). Options: 【Confirm】 /【Cancel】.

4G Switch

Turn on/off 4G network.Options：【Off】/【On】

File Upload Frequency

You can set the frequency of file uploads as you needed.
Options：【Real time】/【Specific time】/【Off】

Upload Mode

File upload pixels can be set as desired.
Options: [Standard]/[High Definition].

GPS

When you choose to turn on, the outdoor positioning is successful and the latitude and longitude information will be displayed in the attributes of the photos taken. You can view the location through Google Map.
Options：【Off】/【On】

GPS Track

When you choose to turn on, if GPS outdoor location is successful, it will compare the latitude and longitude information of the previous time. If there is a change in latitude and longitude, the system will take a picture immediately and notify the user that the camera has moved by SMS.Options：【Off】/【On】

IMEI

Display the IMEI number and QR code of the device and scan the code on the APP to add the device.

➢ 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】.

5) **Upload current file**:This current file can be manually uploaded to the cloud.

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 around 1 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.

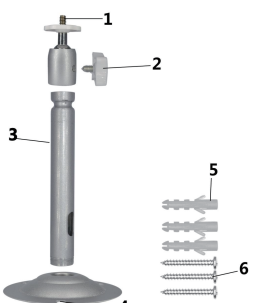
Working Mode

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.

➢ 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. Bracket fixing screw
3.Bracket support rod
4. Drill holes
5. Wall plugs
6. 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

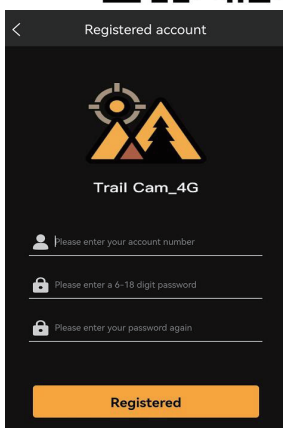
♦ Mark the drill holes by holding the foot of the wall bracket at the desired mounting location and marking the hole positions.
♦ Use a drill with a 6 mm drill bit to drill the required holes and insert the plugs and insert the wall plugs flush with the wall.
♦ Screw the wall bracket to the wall using 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 .

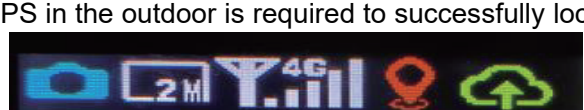
➢ Remote Control by Mobile App Connecting

1. You can scan this QR code to download the APP, install it on your Pad or smart phone, and connect to WiFi and control the device remotely.

2. Open the "Trail Cam_4G" APP in your mobile phone; For the first login, you need to register an account (custom account name), please set a 6-18-digit password before logging in;



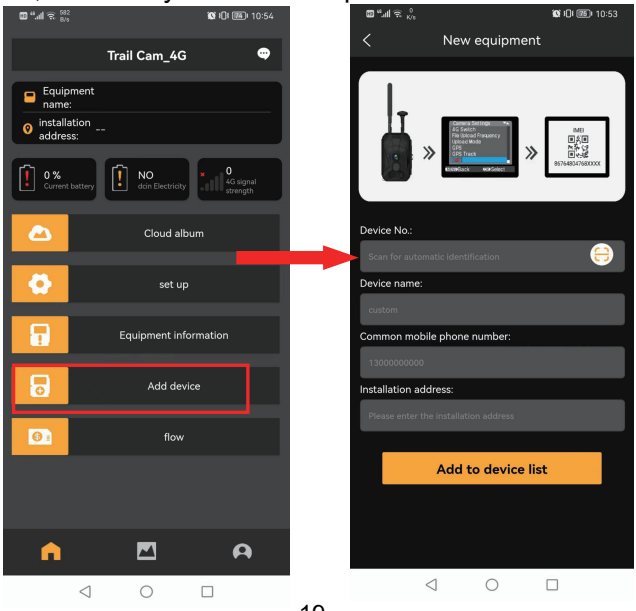
3. Please tighten 4G antenna and GPS module of the device in the right direction, install battery, insert valid SIM card and memory card in the right direction and then switch from OFF to TEST to turn on the device; The 4G signal icon will change from X to the signal strength bar; when the GPS positioning is successful, the GPS icon will change from red to green (GPS in the outdoor is required to successfully locate).



4．Click the MENU button of the machine to enter the MENU, press the up button to select IMEI to automatically enter the IMEI QR code interface.

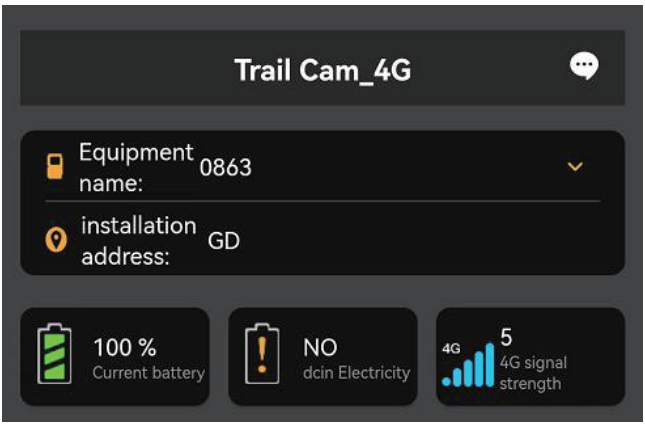
5．Click the "Add device" button on the mobile phone APP to enter the New equipment interface; find the scan icon to the right of Device No.: "Scan for automatically identification" and click the icon, a scan code interface will appear. Aim at the IMEI number QR code on the camera display to scan the code.

6．After scanning the code successfully, the IMEI device number is recognized, please enter the device name, commonly used mobile phone number and the

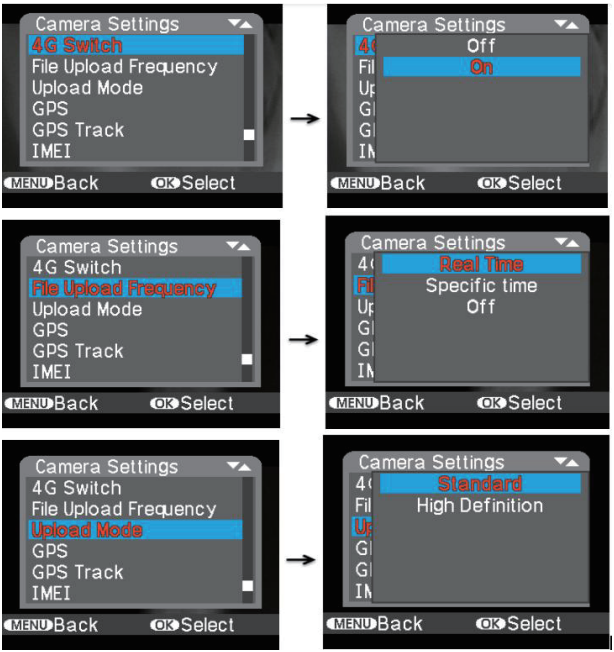


installation address and then click "Add to Device List".

7. Return to the main interface of the mobile APP, the name of the added device and the installation address will be displayed on the top;

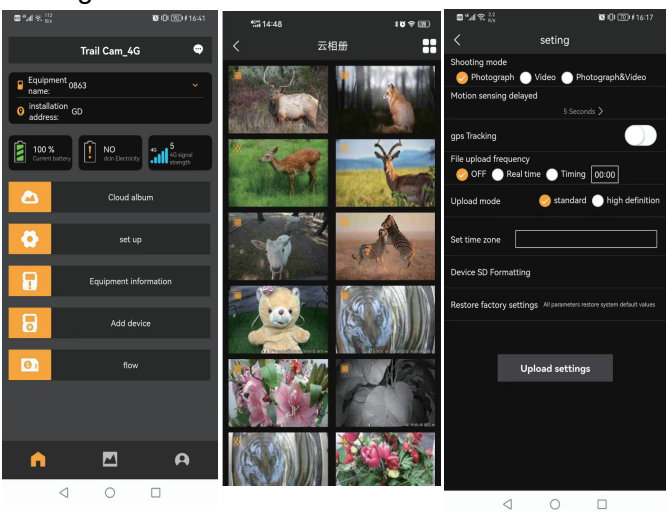


8. Please press the MENU button of the device to enter the menu, press the Up and Down buttons to slide, select the **4G Switch** and set it to "ON"; then select the **File Upload Frequency** and set it to real-time (you can set Real Time, Specific time, Off), the **Upload Mode** is recommended to be set to "Standard" (small picture size, saving traffic), "High Definition" (HD pictures, high traffic consumption, long upload time, high power consumption).



9. Please switch the device to ON. After the countdown on the display screen is over, the device will automatically enter the sleep hunting mode. If someone or animal passes by the PIR sensor, it will trigger the sensor to shoot and the photo will be uploaded automatically (it takes about 1 minute for each upload to complete).After successful uploading, the user will receive APP push message (if no push message is received, please check the app management notification in your phone settings, the "Trail Cam_ 4G" APP app

notification needs to be turned on). Or if you switch the device to TEST, please enter playback mode, press up and down to select the photo to be uploaded, then press MENU to enter the menu, select "Upload current file" and press OK to confirm manual uploading. After uploading successfully, the user will receive APP push message.



10. After receiving the push message, you can enter the APP to view the uploaded files in the cloud album, and perform relevant function operations in the APP.

Tips:

a. To receive the upload file message or log in to the APP, the mobile phone must have a normal network connection (connected to WIFI or turned

on 4G).

b. In order to save traffic and battery consumption, the video file upload is a GIF animation file composed of one frame of the video before, during and after the video.

c. The parameters set on the APP will not be synchronized until the camera is turned on next time or after the file is uploaded.

d. It is recommended to use the "Standard" file upload mode, which saves traffic and battery power consumption; if you select "HD" file upload, you can get high-definition pictures and have a good experience, but the traffic consumption is large and the battery power consumption is also large.

e. If the SIM card has no traffic or expires and there is no strong 4G signal in the installation location of the device, which will cause the file to fail to upload.

f. A device can only be bind within one account; if this device is to be bind to another account, you need to enter "My"---》"My Device" on the APP of the last account ” to find the device and unbind it.

g. It is recommended to use the SIM card delivered with the shipment. If you want to use the local mobile phone card, the device only supports the mobile phone card in the following frequency bands:

European devices:

LTE-FDD: B1/B3/B7/B8/B20/B28 band
North American version device:
LTE-FDD: B2/B4/B5/B12/B13/B25/B26 band

➢ 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.

XINBAI

使用说明书



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前言

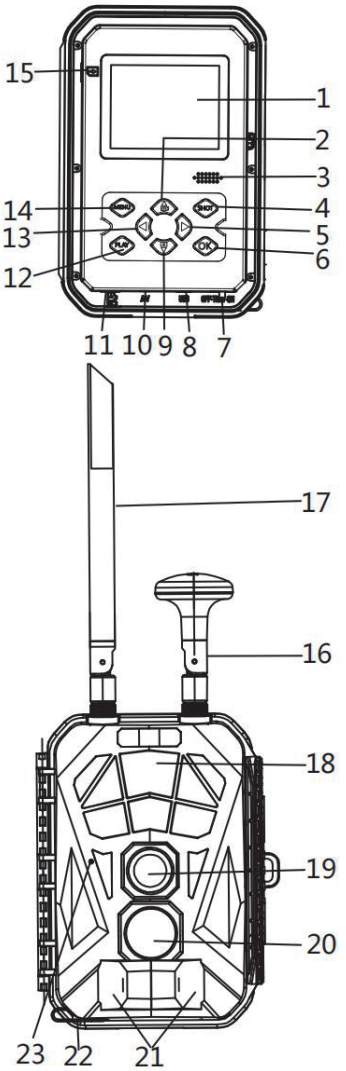
感谢您购买此款新佰H90，本产品是一款专门用于记录和观察野生动物的数码相机。为了使您能尽快轻松自如地操作本机，我们配备了内容详尽的使用手册，本手册为您系统地介绍了打猎机的使用说明等。请在使用前仔细阅读本手册，以便您快速正确地掌握使用方法。
在编写本手册时我们非常认真和严谨，希望能给您提供完备可靠的信息，然而难免有错误和疏漏之处，请您给予谅解。
本公司对于因软件、硬件的错误操作、产品自行拆卸维修或其他意外情况所引起的内部资料的丢失和损坏不负任何责任，也不对由此造成的其他间接损失负责。
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本手册信息受到版权保护，其他任何部分未经本公司事先书面许可，不准以任何方式影印和复制。
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. 扬声器
4. 快门键
5. 向右键
6. 确认键
7. OFF-TEST-ON 模式键
8. USB 接口
9. 向下/拍照键
10. AV 接口
11. Micro SD 卡插槽
12. 回放键
13. 向左键
14. 菜单键
15. SIM 卡槽
16. GPS 模组
17. 4G 天线
18. 红外灯区
19. 镜头
20. 主 PIR 传感器
21. 侧 PIR 传感器
22. DC 电源插孔
23. 指示灯



设备供电

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，装入 12 节 1.5 V AA 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 DC 9.0V /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 Micro SD 卡。如果不插入存储卡，相机将不能保存任何数据，也无法进入打猎模式。拍摄前，请先将 Micro SD 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。打猎机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 Micro SD 卡时，轻轻按下卡的突出边缘，弹出存储卡。

基本操作

➢ 开关机

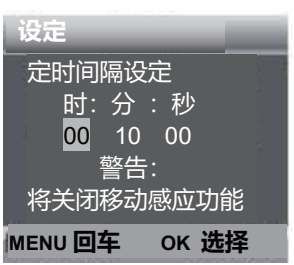
插入电池后，将模式开关拨到“测试”/“开机”档位，摄像机开机。

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：

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5分钟-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*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。

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：【36MP(8000x4500P)】/【24MP(6528x3672P)】/【16MP(5376x3024P)】/【12MP(4608x2592P)】/【8MP(3840x2160P)】/【4MP(2688x1512P)】/【2MP(1920x1080P)】/【1MP(1280x720P)】。

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：【3840x2160P】/【2688x1520P】/【1920x1080P】/【1280x720P】/【640x360P】.

缩时录像分辨率

设置缩时录像的分辨率。

选项：【2MP(1920x1080P)】/【1MP(1280x720P)】.

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 10 分钟。选项：3 秒~10 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”试用于寒冷的环境中。
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】。

语言

设置屏幕显示语言。
选项：[English]/[Deutsch]/[Dansk]/[Suomi]/ [Svenska]/[Español]/[Français]/[Italiano]/[Nederlands]/[Português]/[简体中文] /[繁體中文] /[日本語]。

循环录像

开启循环录像功能，机器接近卡满时会删除最早的文档，循环覆盖。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】。

电池印记

开启后，在所拍的照片和视频上有电量印记。
选项：【开】/【关】。

电池警告
开启后，当电池电量达到低电设定值时，APP 推送电池低电警报消息。选项：【开】/【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 和 A-Z 之间选择。
如果忘记开机密码，需对摄像机进行固件刷机，恢复到出厂默认设置。选项：【开】/【关】。

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。

固件升级

当摄像机固件有版本更新时，可远程固件升级（新固件是放在云服务器上，需插上有效的 SIM 卡和保证摄像机电池有充足的电量,才能进行远程升级)。
选项：【确认】/【取消】。

4G 开关

打开/关闭 4G 网络。选项：【开】/【关】。

文件上传频率

可根据需要设置文件上传的频率。
选项：【实时】/【定时】/【关】。

上传模式

可根据需要设置文件上传像素。选项：【标准】/【高清】。

GPS

开启后，室外定位成功，所拍的照片属性中显示经纬度信息，可通过谷歌地图能打开查看位置。
选项：【关】/【开】。

GPS 追踪

开启后，GPS 室外定位成功，对比上 1 次的经纬度信息，如经纬度有变化，立即拍照并通过短信通知用户相机有移机情况。选项：【关】/【开】。

IMEI 号

显示本机的 IMEI 号和二维码，APP 上扫码添加本设备。

➢ 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】。

5）**上传当前文件**：可将当前这个文件手动上传到云端。

➢ 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 米左右高度的物体上，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

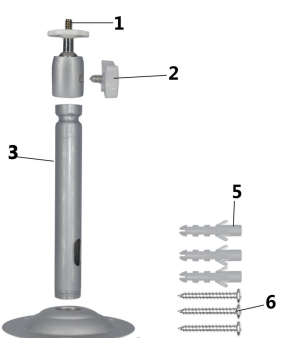
将模式开关拨到“开机”档位。机器开机后，屏幕上显示倒计时 15 秒后，红色 LED 灯以及屏幕将会熄灭，摄像机开始独立运作并进入待机模式。
此时若有动物进入了传感器的检测范围，摄像机将被激活并检测运动轨迹如果物体继续向传感器检测的区域移动，摄像机将自动进行拍照或摄像。如果物体离开了传感器检测的区域，摄像机回到待机模式。

➢ 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. 支架固定螺杆
3. 支架支撑杆
4. 固定孔
5. 墙式插座
6. 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。

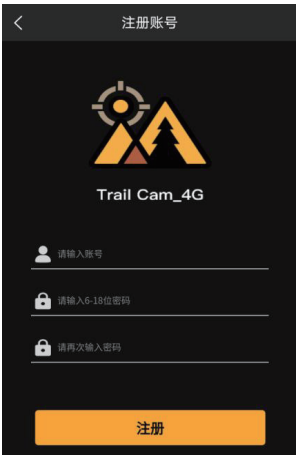
♦ 调整摄像机的方向，并用螺母锁定。

♦ 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 连接远程控制**

1．扫描此二维码下载 APP,安装到您的 Pad 或智能手机上。

2．在手机界面打开“**Trail Cam_4G**”APP；首次登录需要先注册账号（账号名称自定义），设定 6-18 位密码后登录；

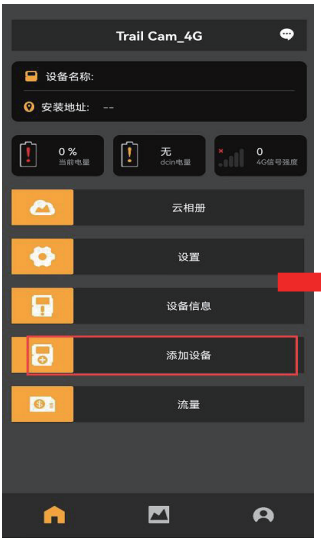


3．请将 4G 打猎相机按正确方向拧紧 4G 天线和 GPS 模组，并装上电池、正确方向插上有效的 SIM 卡、Micro SD 卡，然后拨动开关从 OFF 档拨到 TEST 档开机；待显示屏上面的 4G 信号图标由 X 变成信号强度格；当 GPS 定位成功后，GPS 图标由红变成绿色（需要在室外空旷场地 GPS 才能成功定位）。



4．点击机器的 MENU 键进入菜单，按向上键选到 IMEI 自动进入 IMEI 号二维码界面。

5．点击 APP 上的“扫一扫，添加设备”按钮，进入新增设备界面；找到设备号“扫一扫自动识别右边的扫描图标”并点击后，出现扫码界面，对准相机显示屏上的 IMEI 号二维码进行扫码。





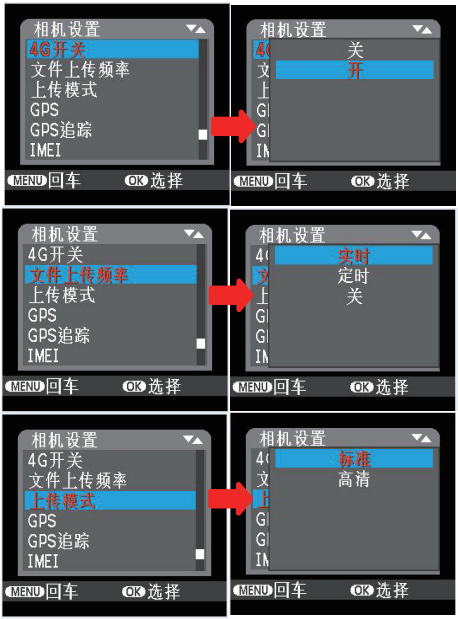
6．扫码成功后识别到 IMEI 设备号，请输入设备名称、绑定常用手机、安装地址，然后点击“添加到设备列表”。



7．返回到 APP 主界面，上方显示已添加的设备名称，安装地址；

8．请按 4G 打猎相机的 MENU 键进入菜单，按向上向下键滑动，选到 **4G 开关**，将其设为“开“；然后选到**文件上传频率**，将其设为实时（可设实时、定时、关闭），**上传模式**推荐将其设定为“标准”（图片尺寸小，节约流量）、“高清”（高清图片，流量消耗大，上传时间长，耗电大）。

9．请将 4G 打猎相机的开关拨到 ON 档，等显示屏上的倒计时结束后，产品将自动进入睡眠打猎模式。若有人或动物在 PIR 感应经过会触发感应拍摄，所拍的照片将自动上传(每次上传完成的时间需要 1 分钟左右)，上传成功后手机会收到 APP 推送消息(如没有收到推送消息，请检查手机设置中应用管理通知，“Trail Cam_4G”APP 的应用通知需要打开)。或在 4G 打猎相机的 TEST 档，进入回放模式，按上下键选中要上传的照片，后按 MENU 键进入菜单，选择“上传当前文件”按 OK 键确认进行手动上传，上传成功后手机会收到 APP 推送消息。





10．收到推送消息后，进 APP 查看云相册中已上传的文件，及进行 APP 内的相应功能操作。







温馨提示：

1．接收上传文件消息或登录 APP，手机需有正常连接网络（已连接 WIFI 或开启 4G 数据）。

2．为节约流量、节省电池消耗，录像文件上传，是取这个视频的前、中、后各一帧图像，组成的 GIF 动画文件。

3．APP 上所设置的参数，需在相机下次开机或文件上传后才会进行同步。

4．推荐使用“标准”文件上传模式，节约流量、节省电池电量消耗；如选“高清”文件上传，有得到高清图片，好的体验，但流量消耗大、电池电量消耗大。。

5．SIM 卡没有流量或过期、产品安装位置没有较强的 4G 信号，都会导致上传不了文件。

6．一台设备只能在一个账号内绑定；如这台设备要在另一个账号绑定使用的话，需要在上次绑定的账号的 APP

上进入“我的”---》“我的设备”内找到这台设备并将其解绑。

7．建议使用出货自带的 SIM 卡，如要用当地手机卡的话，设备只支持以下频段的手机卡：

欧版设备：LTE-FDD：B1/B3/B7/B8/B20/B28 频段

北美版设备：LTE-FDD：B2/B4/B5/B12/B13/B25/B26 频段

➢ 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 Micro 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。