User Manual
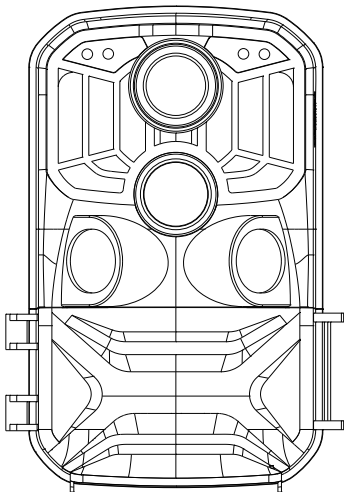
Introduction

Thank you for purchasing this hunting camera. This product is a digital camera dedicated to recording and observing wildlife. For your convenience and ease of operation, we have a detailed manual. This manual introduces how to use this hunting machine systematically. Please read this manual carefully before use so that you can quickly and correctly master the method.

The contents of this manual are for reference only and use the latest information in the preparation of the manual. The screen displays, illustrations, etc. used in this manual are for a more detailed and intuitive explanation of the operation of the camera. Due to differences in technology development and production batches, they may differ slightly from the camera you actually use.
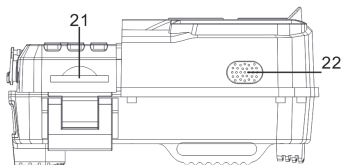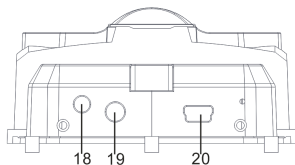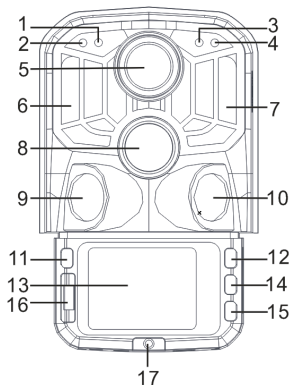
Introduction

TF high-speed card (multimedia memory card) at Class10 or above is required for this camera.

Instructions for using the memory card

● In case of a newly purchased memory card for the first time use, or data available in the memory card unrecognized for the camera or image captured by other cameras, please ensure to firstly format the memory card;

● Before plugging in or out the memory card, please firstly disconnect power supply of the camera;

● After using for many times, performance of the memory card will be lowered. In case of lowered performance, a new memory card is needed to purchase;

● The memory card is a precise electronic device. Please don't bend it and keep it away from falling or heavy load;

● Don't keep the memory card in the environment with strong electro magnetic or magnetic field, like the place near speaker or receiver of TV;

● Don't use or keep the memory card in environment with over high or low temperature;

● Keep the memory card clean and away from contacting liquid. In case of contacting liquid, please dry it with soft cloth;

● In case of keeping the memory card idle, place it into the card sleeve;

● Please note that the memory card will get hot after long-term use, and this is normal;

● Don't use the memory card having used on other digital cameras. If to memory card on this camera, please firstly format it with the camera;

● Don't use the memory card having formatted on other camera or card reader;

● In case of one of the followings with the memory card, the recorded data may be damaged:

- Improper use of the memory card;

- Disconnect power supply or take the memory card out during recording, deleting (formatting) or reading;

Appearance

1.Photosensitive sensor 2. Secondary PIR indicator 3.System indicator
4.Main PIR indicator 5.Lens 6. Left IR LED 7.Right IR LED
8.Main sensor 9.Left sensor 10.Right Sensor 11.MODE
12.Up button 13.LCD 14.OK/SHOT 15.Down botton
16.OFF/SETUP/ON 17. Battery compartment cover 18.DC connector
19.AV connector 20.USB Port 21.SD Slot 22.Speaker

Button function and indicator
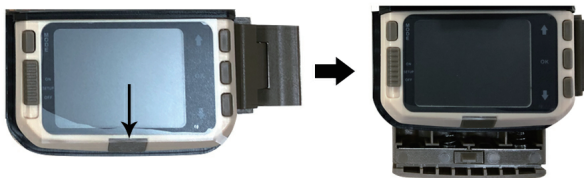
Button	Functions
Power	Pull switch: 1.OFF 2.SETUP 3.ON
MODE	1. Short press to switch recording, photo, playback and menu 2. In the submenu, short press to return to the previous menu 3. Short press on the password setup interface to enter the next setup option.
Up	1. In the menu setting mode, you can select upwards 2. In the time setting or password protection interface, you can select numbers or characters upwards. 3. Press and hold for 3 seconds to open or exit WIFI
OK/SHOT	1.In the video or photo interface, short press to take a photo or video; 2. Under menu settings, short press to confirm 3. Under the time setting, short press to enter the next setting option
Down	1. In the menu setting mode, you can select down 2. In the time setting or password protection interface, you can select numbers or characters down. 3. In playback mode, long press to pop up the delete menu window, delete files or lock protection files

Getting started

1.Battery/Adapter

Please make sure to place batteries in the camera before using.

1.1First open the camera by swiveling the base plate. Find the battery compartment cover to open it. Insert 8pcs AA batteries into the battery slot.

1.2 When using the power adapter (optional), find the rubber seal on the bottom of the camera and open it, then plug it into the power supply (DC DC6V-2A).

2. Inserting memory card

2.1 Push the SD card into the card slot according to the instruction, and make sure the SD card is fully inserted.

2.2 To remove the memory card, gently press the edge of the memory card until it pops out.

Note: The camera doesn't have built-in memory. A memory card must be nserted into the camera before using. After inserting the memory card, make sure to format the memory card on the camera first.

System settings

1. Power on and off/ System settings

following pages. In SETUP mode, the infrared lamp is closed.

1.1 To put the operating mode selector switch from "OFF" to "SETUP", the camera is on.

1.2 Press MODE button to switch video, photo, playback and menu modes

1.3 Press OK to save the Settings under menu Settings. In the interface of recording or photographing, short press to take pictures or record videos

1.4 Press the MOED button one more time to return to previous menu or exit the menu settings.

2.Working modes

There are three working modes in the camera: Photo mode, Video mode, Photo+ Video mode.

2.1 Photo mode

Select a photo resolution: 24M.20M.16M.12M.10M.8M.5M.3M.2M .The larger the file size is, more detailed the photos are. However, the larger size files take more memory space to store.

2.2 Video mode

Select the video resolution: 1080P.720P.WVGA.VGA. The higher the resolution is, more detailed the videos are. However, the larger size files take more memory space to store.

2.3 Photo+ Video mode

In Photo+Video mode, the camera first takes a photo and then starts filming video.

Note: The camera would enter power save mode and screen turns off when recording. The screen could be turned on by pressing any keys on the camera.

3. Video length

The video length is optional between 5-180seconds. The longer the recording time selected, the shorter the operating time is. The preset video length is 5 seconds.

4.PIR Interval

Photo: PIR interval setting time (between 5 seconds and 60 minutes)
Recording: PIR interval setting time (between 10 seconds and 60 minutes)
Photo + video: PIR interval setting time (between 10 seconds and 60 minutes)

The camera does not record any images or videos during the selected time interval. This can prevents the memory card from storing too many files and taking up memory capacity.

5.PIR Sensitivity

Set the sensitivity of the main sensor: the environment in the room is very small, you should choose "high sensitivity". When you are outdoors, select "medium sensitivity" under normal circumstances. When the external environment has a great influence on shooting, select "Low Sensitivity" for cold environments.

6.IR LED

Set the camera IR LED light"Auto": the camera automatically adjusts the brightness of the infrared light according to the status of the battery capacity during the night. "super fine": under "Super fine "shooting mode, IR LED will be the most brightness and the power consumer is high. "Economy": under "economy "shooting mode, IR LED works in the most weakness status, and the power consumer is low

Remarks: Recommend to set as "auto "mode, the camera will adjust the IR LED light according to the battery capacity

7.Timed shooting

Set the timed shooting of the camera. For example, if you want to observe the flowering process of a plant, apply this function and set the interval between each shot to record the whole process of flowering. Select timed shooting, press OK button to open this menu, select "On" to pop up a time, minute, second window to set up (when this function is turned on, PIR main and sub sensors do not work)

8. Monitoring period

Set the camera time to work. Select the "Monitor Period", then press the OK button to select "On". You can set the start time and end time of the camera. After the setting is completed, the camera will only work for the sub-set time every day and the other time is in the standby state.

9. Date/Time

Set the camera date/time setting. Select "Date/Time option", press OK button to pop up the settings dialog box.Press the Up/Down button to change the number, press OK to confirm the current number and enter the next setting option. For the year/month/day format: press the up and down buttons to select the format (YY/MM/DD, MM/DD/YY, DD/MM/YY)
Time format: 12 or 24 hour system.

10. Password set up

Set the camera's power-on password. Open the menu and select "Password Settings", and then press the OK button, set the switch to the "on" position, set a 4-digit number between 0-9 or letter between a-zm. When the first position is set, press the MODE button to enter the next password setting. After the setting is completed, press the OK button to return to the previous menu. If you forget the power-on password, the default password of the camera is: "1111", you can put into this password and make sure the mode button is adjusted to the SETUP mode. The camera can be unlocked.

11. Turn off WIFI automatically

Set the time of the camera to turn off automatically. Select the "turn off the WIFI Automatically" option; press the OK button to open the menu for 1 minute / 2 minutes / 3 minutes. When the camera is in the monitor or SETUP mode, after opening WIFI or finished use the APP and the phone is disconnected from the camera, the camera automatically exits WIFI When the camera defaults to "Automatically turn off the WIFI" time. Then the camera will return to the ON or SETUP mode automatically.

12. Playback mode

12.1 Remove the camera from the installation position, switch the switch from "ON" to "SETUP", press the MODE button to switch to the playback mode, press the up/down button to view the captured picture or video, and when playing back the video file, press the OK button to start playing, and press OK again to stop the broadcast. During playback, press the up button to fast forward 2 times, 4 times, 8 times; press the button to rewind -2 times, -4 times, -8 times. If you do not want to play the current video during playback, press the MODE button to exit the current playback.

12.2 Delete/Lock protection

In playback mode, long press the down button to pop delete the window:

delete:

Press OK to enter the delete menu. You can delete the selected picture or video in the camera's memory card, select "Delete Single" and press OK to confirm. Select "Delete All" and press OK to confirm. Press MODE button during the setting process to return to the previous menu.

protection:

Select "Lock current" to prevent the currently set document from being deleted accidentally.

Select "Unlock current" to release current document protection

Select "Lock All" to prevent all documents on the memory card from being accidentally deleted.

Select "Unlock All" to remove more document protection

13 WIFI APP connection

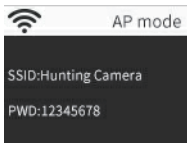Before using the wifi function, please install the APP application on the smartphone device. Please download and install the app from Google Play by searching "Hunting Camera Pro" for Android smartphone and App store by searching "Hunting Camera Pro" for IOS smartphone.
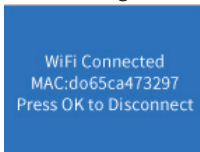
Connection steps:

13.1 Turn on Wifi

13.1.1When the Android camera is in the SETUP mode, press and hold 3S up button in the video or camera mode. The screen displays the "WIFI" connection interface. The indicators flash alternately and the camera .

13.1.2 When the camera is in ON (monitor mode), use the remote control to turn on WIFI. When pressing "ON" on the remote control, the indicator light on the remote control is always on, press 3S and release to wake up the camera, then pressing the "ON" on the remote control again after about 3S, you can see that the indicator light on the remote controller flashes rapidly, indicating that the camera's wifi has been successfully turned on. When the camera lights up alternately, the camera has Open WIFI, the camera connection interface is as shown below:
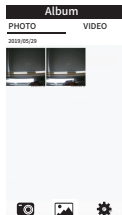
13.2 Open the phone "Settings", open the "WLAN" option in the settings, search for the camera's WIFI name "Hunting Camera", and enter the original password is: 12345678;, you will see the camera has a connection interface after the connection is successful. The screen will be turned off in about 2 minutes or so camera; if you press any button on the camera, the machine screen will light up again, and the connection success message will be displayed as shown below:

WiFi Connected
MAC:do65ca473297
Press OK to Disconnect

13.3 Open the "Hunting Camera Pro" APP program and click the connect button on the APP interface.

13.3.1 The picture being taken can be previewed in real time on the APP, and can be recorded, photographed, menu set, and file playback /download /delete.

13.3.2 You can view it under the open APP interface for photo or video which have been downloaded, you can view the deletion or a single sharing operation.

14 WIFI Exit WIFI

14.1 Press and hold the button on the machine for 3 seconds to exit WIFI. The camera returns to the recording interface and the indicator light turns off.

14.2 Press "OFF" on the remote control. If you press the first time, you can see that the indicator light on the remote control is always on. Then press the second time again, you can see that the indicator light on the remote control flashes quickly, indicating that the WIFI has been successfully turned off. The camera will automatically enter the "ON" mode or SETUPS mode.

14.3 After using the APP, you can select "Exit WIFI" in the last item in the APP menu. You can turn off WIFI and the camera will automatically enter "ON" mode or SETUPS mode.

14.4 After the camera is turned on or the connected app is used, the camera and the mobile phone network are also disconnected when you forget to close or exit the camera WIFI. After the camera defaults to "automatically turn off the WIFI" time, the camera automatically exits WIFI and the camera automatically Return to the ON or SETUP mode.

15 APP ICON:

	Recoding mode		Photo Mode
	Playback mode		APP menu setup
	Return to the previous menu		Multiple choice
	Turn off multiple choice		Download
	Delete		Share

Working mode description

1.Aligning the camera

In the test (SETUP) mode, you can calculate the optimal shooting angle and camera range of the camera.

1.1 During alignment consider whether the use of the side motion sensors may be useful for attaining the desired observation results.

1.2 Align the camera as follows:

1.2.1 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.

1.2.2 If this lights up in blue, you have been detected by one of the activated side motion sensors. If it lights up in red, you have been detected by the front motion sensor. In this way, you can work out the best alignment for the camera.

1.2.3 The motion display only lights up when operating mode selector switch is in the TEST position and one of the motion sensors has detected movement. During normal operation, there will be no LED display in this area.

1.2.4 Make sure that the camera is not subject to unnecessary interference while it is working. Keep away from direct sunlight, hot objects or near branches. The sensor's detection range is about 120 degrees, and the lens can shoot about 90 degrees.

2.Normal working mode

In this mode, shooting is triggered by the sensor. Enter the monitor mode when the switch is in the "ON" position, and the LED will go out after 5 seconds. The camera starts to operate independently and enters standby mode. Once an animal enters the detection area detected by the secondary sensor, the camera will be activated and the motion track will be detected. If the object continues to move to the area detected by the main sensor, the camera will automatically take a picture or video. If the animal leaves the area detected by the sensor, the camera will turn off and return to the standby monitor mode state.

3.Night working mode

3.1 During night exposures the infrared LEDs on the front of the camera provide the required light for taking pictures. The range of the LEDs makes the camera to shooting pictures within 3m-20m.However, reflective objects can cause overexposure.

3.2 Please note that pictures taken in night exposures are black and white. When recording a video for a long time, the low voltage may have great in fluence on the stability of the camera. So in case of the low voltage, it better not to record in the evening.

Videos/photos/datas output

1.TV connections

The camera can transfer the video signal to an external monitor or the video input of a television set. Please also follow the instructions of the respective playback device.

1.1 Open the TV, connect the TV with the camera through date cable

1.2 Open the camera, and slide the operating mode selector switch to "SETUP"

1.3 After successful connection, the camera is connected to the TV, and the LCD screen will turn black, and the captured picture will be displayed on the TV screen.

2.Transferring recordings to a computer

After the camera is connected to the computer and enters the removable disk mode, a removable disk will be added in the "My Computer" window. The captured photos or videos are stored in the "DCIM" directory of the removable disk. There are two folders: MOVIE storage. The video file recorded by the camera, PHOTO stores the captured image file, and enters these two directories to copy the file to your computer's hard disk.

⚠ Note: In case of data loss, please don't disconnect the cable or take out the memory card when copying photos/videos.

Technical Specifications

Image sensor	5MP CMOS sensor
Function modes	Video recording/Photo/Playback/Menu
Lens	F2.5 f=3.6m
Screen	2.0 inch LCD
Photo resolution	24M/20M/16M/12M/10M/8M/5M/3M/2M
Video resolution	1080P/720P/WVGA/VGA
Memory type	TF card(up to 32GB max)
format	JPG, MP4
USB connection	USB 2.0
Power	6.0V
Language	English/Chinese/German/French/Italy/Spanish/Portuguese/Nederlands/Japan/Dansk/Svenska
Support System	Windows XP/Vista/7/8, Mac 10.2
Dimension	95x137.5x64mm

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

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.