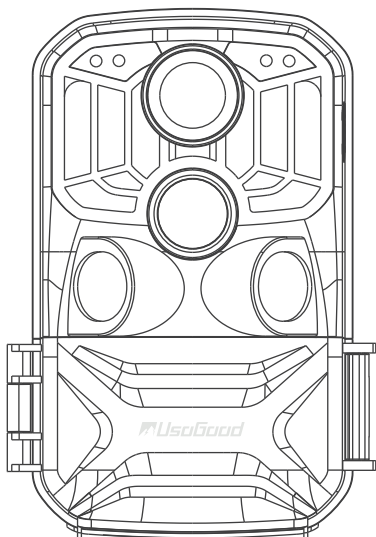# TC50 Trail Camera

User's Manual

UsoGood

Hunting Camera with Remote Wifi

Dear Customer,

We are truly grateful that you have chosen us as your best product dealer. You are one of our most highly valued customers and it has been a sincere pleasure serving you.

Speaking on behalf of the company, we hope that you have enjoyed the fantastic quality of our products and services. We will continue our efforts to meet your requirements and expectations in the future as well. Meanwhile, your unwavering support and patronage is what gets us out of bed in the morning.

Your suggestions and feedback have helped us shape our business to perfectly fit your standards. As a token of our appreciation, we are soon to introduce series of new products for our valued customers like you, please share this with all of your friends.

Again, thanks so much for choosing Usogood. Please note that items purchased from Usogood are covered by 1 year warranty. Let us know if there is anything we can ever do to assist you further.

Contact methods:
support@usogood.co

Your package should include,
1.Trail Camera
2.Wall mount
3.Mounting belt
4.USB and video cable
5.Instruction manual

We look forward to serving you for many years to come.

Kind Regards,
Usogood Team

CONTENTS

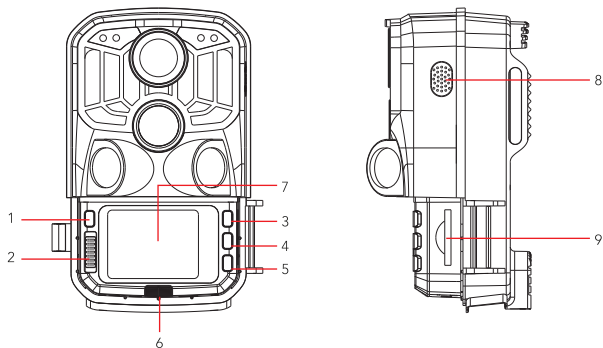## English / 1–10

Deutsch / 11–21

Introduction

Thank you for choosing this camera, The camera is specially used to record activities of wild animals. For easier use of it, the user manual contains full specifications of the operation. Please read the manual carefully before use, and keep it at a safe place for future reference. The compilation of the user manual refers to the latest information. The manual quotes, captured screen displays and graphics, with the aim to introduce the digital camera through detailed and direct methods. Due to the differences of technical R&D and production batch, those captured screen displays and graphics indicated in the manual may be different from that of actual digital camera.

Instructions for using the memory card

● In case of using a newly purchased memory card for the first time, or data available in the memory card unrecognized by the camera or image captured by other cameras, please ensure that you format the memory card before use;
● Before plugging in or out the memory card, please first disconnect the power supply of the camera;
● After using for many times, the performance of the memory card will be lower. In case of low performance, a new memory card is needed.
● The memory card is a precise electronic device. Please don't bend it and keep it away from falling down.
● Don't expose the memory card to any strong electromagnetic or magnetic field, like placing near speaker or TV receiver.
● Don't use or keep the memory card in high or low temperatures;
● Keep the memory card clean and away from any sort of liquid. In case of contacting liquid, please dry it with a soft cloth;
● In case of keeping the memory card idle, place put it into the card sleeve;
● Please note that the memory card will get hot after long-term of use, and this is normal.
● Don't use a memory card that has been used on other digital cameras. If so you need to format the memory card on the camera;
● In case of any of the following actions with the memory card, the recorded data may be damaged:
- Improper use of the memory card;
- Disconnect the power supply or take the memory card out during recording, deleting (formatting) or reading files.
TF high-speed card (multimedia memory card) at Class 6 or above is required for this.

1. MODE Key
2. OFF/SETUP/ON
3. UP Key
4. OK/SHOT Key
5. Down key

6. Battery box button
7. LCD Screen
8. Speaker
9. SD card slot

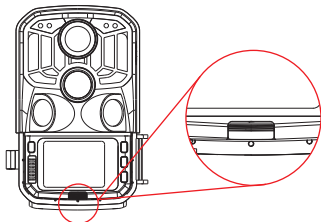## Functions and Keys

Keys	Functions
Power Key	Pull Switch: 1.Off: Power off 2.Setup: Setting and test mode 3. ON: Working mode
Mode Key	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.
UP Key	Select UP
OK/SHOT	1. In the video or photo taking interface, short press to shot. 2.Under the menu settings,shot press to confirm as OK
Down Key	1.Select DOWN 2.In playback mode, long press the button to pop up the "delete menu"

Getting Started

Please make sure to place the batteries before using.

1.1 First open the camera by swiveling the base plate. Find the battery door key to take out the battery box .Insert 8 X1.5V AA batteries into the battery slot.

1.2 If you want to use the power adapter (not included) as a power supply, open the round rubber seal on the base camera and connect the plug of the adapter cable into the socket.

1.3 Inserting memory card.

Memory card toward the front insert ————

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

System Settings
1. Power on and off / System settings
After inserting the batteries into the camera, put the operating mode selector to "SETUP" position to make the settings described on the following pages.

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

1.2 Press the MODE button to switch back and forth between menus, taking photos,recording videos and playback

1.3 Press OK to save the settings under menu settings. In the interface of recording or photographing, press OK to shot.

1.4 Press the MODE key one more time to return to previous menu or exit the settings menu.

1.5 switch the mode selector to "OFF" to power off the camera.

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 size: 1MP, 3MP, 5MP, 8MP, 14MP, 20MP, 24MP. The larger the file size is, the more detailed photos you would have. However, the larger files take more space to store on the memory card.

2.2 Video mode

Select the video resolution:

2340X1296. 1920X1080. 1280X720. 720X480. 640X480. 320X240.

The higher the resolution is, the more detailed videos you would have. However, the larger files take more space to store on the memory card.

2.3 Photo + Video mode.

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

3. Video length
The video length is optional between 1-60seconds or 1-10 minutes. The longer the recording time selected, the shorter the operating time is. The preset video length is 5 seconds.

4. PIR Interval
The shot lag time can be selected between 5-60 seconds or 1-60 minutes. This Interval is set so that the camera will have a break time between two shots.During the selected interval, the camera will not record any images or videos. It prevents the memory card from being filled up with too many recordings of the same event.

5. PIR Sensitivity

The sensitivity of the main motion sensor is set here. For interior areas and environments with little interference, select "High". Select "Medium" for exterior areas and environment with a normal amount of interference, and select "Low" for an environment with a high level of interference.

6. IR LED

Set the intensity of the IR LED.

Auto: When set to automatic, if it is shooting at night, the brightness of the lamp will be adjusted reasonably according to the current battery usage;

Super Fine: When this option is set, it will cost more electricity, as long as the IR-LED is turned on, it will work in the brightest state;

Economy: When set to economy, it is more power-saving. As long as the IR-LED lamp is turned on, the lamp will be at the weakest brightness, making the battery life longer.

Note: It is recommended to use the "Auto" option to automatically adjust the brightness of the IR-LED lamp according to the battery charge status.

7. Time lapse

Here to set Time lapse shooting. Press "MENU" to find "Time lapse". Press "OK", then select "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.

8. Monitoring Period
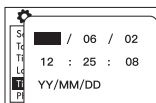
Set the target working time of the camera.

Select "Monitoring Period", then press OK button, select "On". The start time and end time of the camera can be set. After the setting is completed, the camera will only work within the set time every day, and the standby time at other times.

9. Record Audio

Select on or off to choose record audio or not.

10. Time and date

Set time and date: Set the time and date according to the current time zone. Press up / down to select numbers. Press "OK" to change the value.

11. Time Format
Select 12H or 24H time format.

12. Date Stamp
Select on or off to decide whether there are on the picture and video recorded.

13. Camera Name
To edit the name of the camera. Press mode button to switch from 3 letters.

14. Beep Sound
Select on and off to turn on off the beep sound of the machine.

15. Language
Select your language.

16. Password Settings
Select "on" to set a password for your cam.

17. Auto WIFI off
Set the time for the camera to automatically turn off the WIFI
Select 1 minute / 2 minutes / 3 minutes. When you finish using app and the phone is disconnected from the camera, the camera automatically exits WIFI mode and returns to ON (monitoring) or SETUP mode according the selected time.

18. Default Settings
Press OK to default your settings.

19. Playback

Remove the camera from the installed position, put it on "Setup" position and press mode button to switch it to playback mode.

While reviewing photos, press Up/Down key to page up/down. While reviewing videos, press OK key to start playing, press OK one more time to stop. Press mode key to switch the camera to other modes.

19.1 Delete selection

With this function, you can delete the currently selected picture or video. You need to long press the down button to pop up the menu for deleting. You can choose to delete single file or all the files.

19.2 Activate slide show

This function can be used to play back the photos stored on the memory card automatically. Each photo is shown for about 2 seconds.

To stop the slide show and keep the current image permanently on the screen, press the OK button.
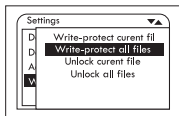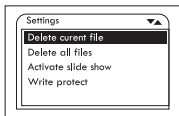
19.3 Write protection

This function can be used to protect individual recordings of all saved recordings from accidental deletion.

Select "Write-protect current file" to protect the currently selected recording from accidental deletion.

Select "Write-protect all files" to protect all saved recordings from accidental deletion.

Select "Unlock current file" to remove the write protection for the currently selected recording.

Select "Unlock all files" to remove the write protection for all saved recordings.

Settings ▼▲
Delete curent file
Delete all files
Activate slide show
Write protect

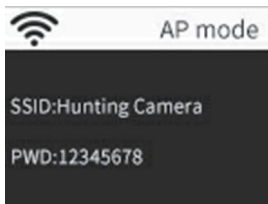| Settings ▼▲ |
|---|
| Write-protect curent fil |
| Write-protect all files |
| Unlock curent file |
| Unlock all files |

20. WIFI Connection

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" on Google Play to download and install. For IOS smart phones, please search for "Hunting Cam Pro" in the Apple Store and install to use.

Connection steps:

20.1 Turn on WIFI

20.1.1 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.

20.1.2 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.

20.2 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;
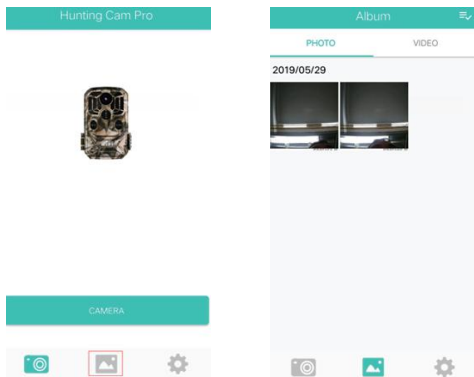When the connection is successful, you will see a connection interface on the camera. The camera screen will turn off after some while; if you operate it again, press any key on the camera, the machine screen will light up again, and display the successful connection information, as shown below:

20.3 Open the "Hunting Cam Pro" APP program and hit the camera icon on the APP interface

20.3.1 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.

20.3.2 The downloaded photos or videos can be viewed at the bottom of the APP interface, and can be viewed for deleting or individual sharing.

20.4 Exit WIFI Mode

20.4.1 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.

20.4.2 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.

20.4.3 When finish using the APP, you can select "Exit WIFI" in the last item in the APP menu.

20.4.4 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.

Aligning the camera

In SETUP mode you can work out the optimum exposure angle and the range of the motion sensor.

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 display.

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 110°. And the recording angle of the camera is about 100°.

Normal working mode

In this mode, recordings are triggered via the motion sensors.

To set live mode, slide the operating mode selector switch to the "ON" position. After 15 seconds, the LED of motion display will go off.

Then the camera will start to operate independently and will go into standby mode. As soon as any wild animals or similar object enter the detecting range of the side motion sensors, the camera will be activated and detect the motion. If the wild animal keeps moving to the detecting range of the central sensor zone, the camera will start capturing photos and/or videos (depending on the configuration).

After the wild animal moves out of the detecting range of side motion sensors, the camera turns off and goes back into standby mode.

Night working mode

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 start shooting

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 influence on the stability of the camera. So in case of the low voltage, it better not to record in the evening.

Note: When using the camera at night, the electric current would increase because of the infrared lamps. If the camera is in low battery mode, it would not shoot photos or film videos at night. Meanwhile once daylight is available, the camera works normally even in low battery.

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. Turn on your TV, connect the TV with the camera through AV to 3.5mm cable.

2. Turn on the camera, and slide the operating mode selector to "SETUP".

3. After connecting, the camera enters the mode of playback and the LCD turns off.

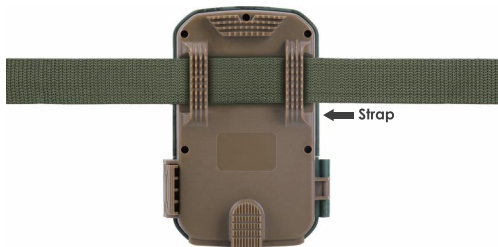The camera recordings would be shown on the TV.

Transferring recordings to a computer

Connect the camera to the computer through data cable. Once you have successful connection, a new driver named mass storage would appear on the computer. Photos and videos can be found in "DCIM/100MEDIA" in the mass storage and can be copied to the computer.

Note: please don't disconnect the cable or take out the memory card when copying photos/videos.
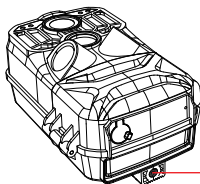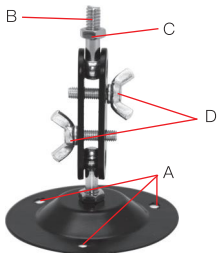
Mounting

1.Using the Adjustable Web Belt

Strap

2.Using the Tripod Socket
(A) Drilled holes   (B) Tripod bolt
(C) Counter screw   (D) Hinge screws

Tighten the holder into screw hole

Technical Specifications

Image Sensor	20 Megapixel CMOS sensor
Function Modes	Video recording/Photo/playback
Lens	F2. 5f=3.6mm
LCD	2.4inch LCD
Photo Resolution	24M, 20M, 16M,12M,10M,8M,5M,3M, 2M
Trigger Time	0.5~0.8 seconds
Video Resolution	1296P, 1080P, 720P, WVGA
Memory Type	Micro SD Card（up to 32GB max)
File Format	JPEG,AVI
USB Connection	USB 2.0
Power	6V
Language	English/French/Spanish/German/Portuguese/Italy/Chinese
OS	Windows XP/ Vista/7/8, Mac 10.2
Dimension	97x140x67mm

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