

WiFi Trail Camera User Guide

iOS TrailCam Go



Andriod TrailCam Go



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1 Introduction

1.1 General description

This is a new generation of Wi-Fi trail camera.

The camera has a built-in Wi-Fi and Bluetooth module, so that you can connect and operate the camera through a dedicated APP (“TrailCam Go”). The Bluetooth module, operating in low power, is used for device discovery, and Wi-Fi is used for preview, image transmission and settings.

The camera features the all-new innovative and ultra-clear imaging technology, encompasses smart night vision, blur reduction, and noise reduction technology to deliver high resolution image quality.

Key Features

- A. Programmable 2M/4MP / 8MP/16MP / 20MP/24MP/32MP/48MP high resolution;
- B. Support Full HD (4K/2.7K/1080P/720P) video recording;
- C. Take color pictures daylight and black white pictures at night;
- D. High performance IR LEDs for flash range as 80ft;
- E. Available operation temperature: -30℃ to 70℃;
- F. Build-In 2.0” TFT Screen to review photo and video in camera;
- G. Support standard 6V adapter and 4AA/8AAbatteries;
- H. Extra-long range PIR(More than 85ft);
- I. Adjustable PIR sensitivity;
- J. Bluetooth&WiFi
- K. APP Live view supported for IOS and Android

1.2 Application

This camera can be used as an automatic surveillance device for guarding and recording unexpected intrusion to homes, shops, schools, depots, offices, taxis, work sites, etc. It can also be used as a trail camera for hunting or monitoring animals by recording the traces of wild animals. It can be left alone for weeks and months, and it will save event records automatically in digital format.

1.3 Cautions

- The working voltage of the camera is 6V. The camera is supplied by the power adapter or 4 AA&8AA batteries.
- Please install batteries according to shown polarity.
- Please insert the SD card before powering on camera. The camera has no internal memory for saving images or videos. The camera will not work if there is no SD card.
- Please unlock the write-protect switch before inserting the SD card.
- Please do not insert or take out the SD card when the power switch is at ON position.

- It is recommended to format the Micro SD card by the camera when used for the first time. Many other SD cards formatted by other cameras have poor compatibility with different brands of cameras. So it is best to format the Micro SD card with this camera or a computer.
- In the SETUP mode, the camera will shut down automatically after 3 minutes without any operation. Please turn on the power again if you want to continue to work with the control.

2 Camera Overview and Details

2.1 Camera Overview

Take a few moments to familiarize with the camera controls and displays. It is helpful to bookmark this section and refer to it when reading through the rest of the manual.

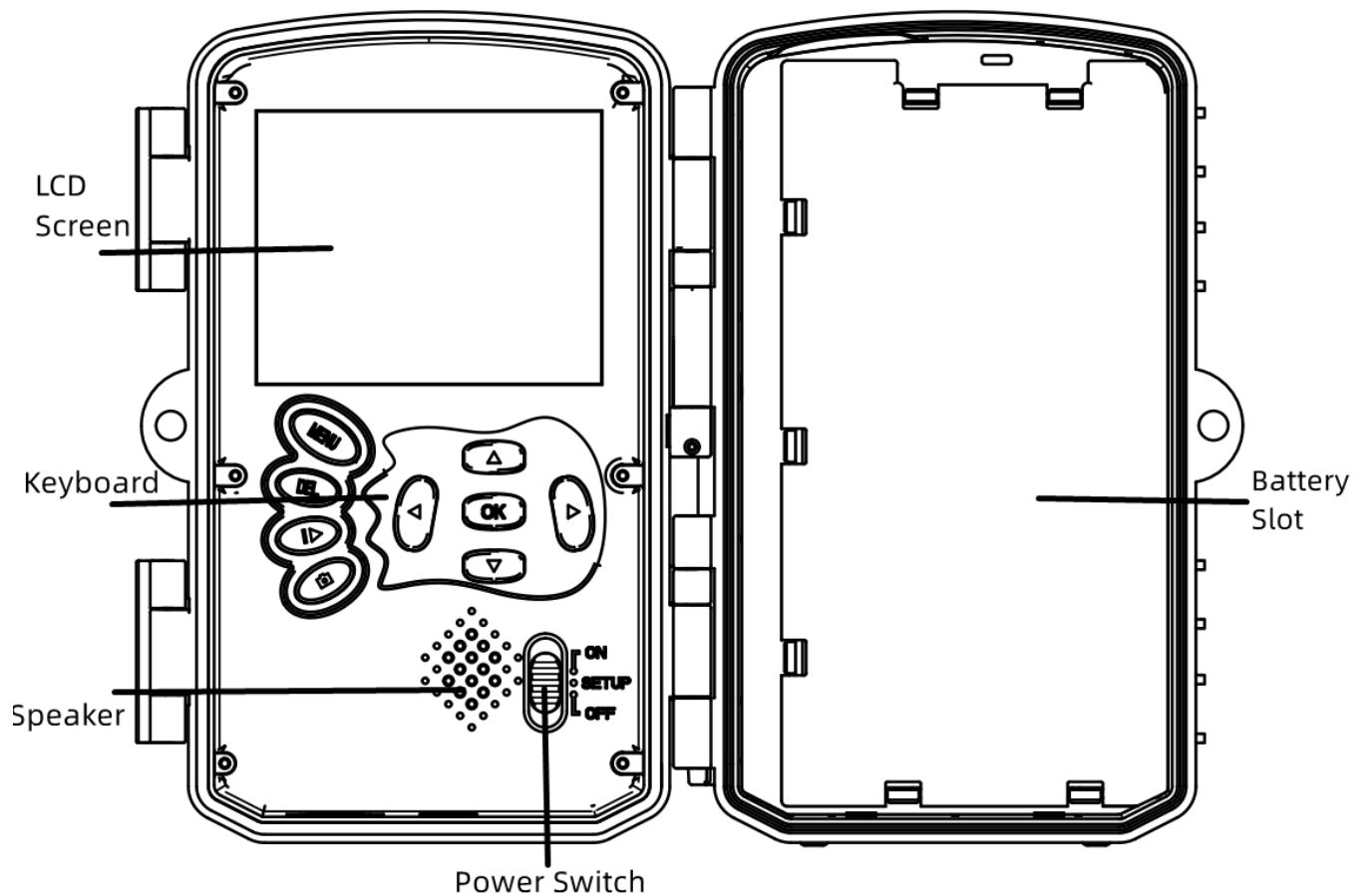


Figure 1 Inner panel view and Diagram of Input Keys

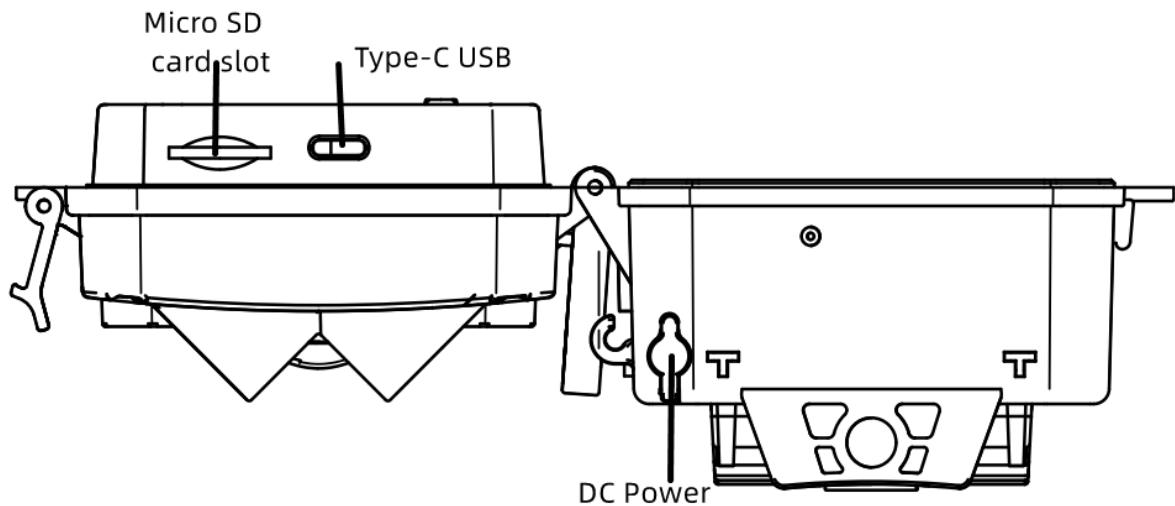


Figure 2 Diagram of camera interfaces

2.2 Mode Switch Introduction

Setup Mode: Slide the Mode Switch to “**SET UP**”, then the Camera will enter Set up mode. In this mode, you can program the camera or to playback the photos or video clips.

Hunting Mode: Slide the Mode Switch to “**ON**”, then the Camera will enter hunting mode. In this mode, when animal or human intrudes into the monitoring region, the camera will take pictures or videos automatically according to the previous programmed settings. After switching to “**ON**” position, the screen will show Mode: Motion Detection, Press OK to continue then :PIR preparing time count down. So you can put the camera in the correct position during this period. (The screen is OFF for power saving at ON)

OFF Mode: Slide the Mode Switch to “**OFF**”, then the camera will power off.



3 Camera General Operations

This chapter explains the general operations for camera settings.

3.1 Power Supply

Use 4 or 8 AA batteries. High-density and high-performance alkaline or lithium batteries are recommended.

Also 6V external power supply and solar panel are supported. The battery can be just a backup for emergency use (5V support).

3.2 Insert SD card

Insert a micro SD card.

3.3 Preview Information Display

Slide the Mode Switch to “**SETUP**”, then the Camera will enter Set up mode.

When the camera is enter “**SETUP**” mode the current settings will be displayed on screen.



Figure 3 Preview information display

3.4 Settings Menu

Press “**MENU**” on the keyboard to enter into the menu settings. The settings menu will be shown on the LCD.

Use “**▲**” or “**▼**” key to select the menu item, use “**OK**” to enter the sub-menu or select the different options, Press “**OK**” to save the settings.

3.4.1 Setting Items

Setting Items	Description
Camera Mode	There are three camera modes: Motion Detection -Motion detection delay ,Time lapse interval,time lapse video Default: Motion Detection
Work Time	ON/OFF Default: OFF
Photo or Video	Photo/Video/Photo+Video Default: Photo
Photo Quality	2MP/4MP/8MP/16MP/20MP/24MP/32MP/48MP Default:8MP
Video Resolution	4K/2.7K/1080P/720P Default: 1080P
Photo Burst	1P/2P/3P/4P/5P Default: 1P
Video Length	5s-10Min Optional Default: 10s
Audio Recording	ON/OFF Default: ON
Detection Delay	5s~01Hour Default:05s
PIR Sensitivity	High/Middle/Low Default:Middle
Motion Test	This function is for users testing the PIR work or not Default: Off
Fill Light Distance	Near/Middle/Far Default: Far
Date&Time	Set time &date --Y/M/D Time format:24h
Date Format	Date format:Y/M/D M/D/Y D/M/Y Default:Y/M/D
Time Format	24H/12H Default:24H
Loop Record	Enable to circular Storage ON/OFF Default: ON
Beep Sound	ON/OFF Default: ON
Format Memory card	Format the SD card. All images and videos in the SD card will be deleted.max 512GB Class 10 SD card,recommend 32GB or 64GB
Language	11 languages for optional Default:ENG
Password Protection	ON/OFF Default:OFF
Factory Reset	Default all settings
Version	Version information

4.WIFI CONNECTION

4.1 Download the APP

Before using the Wi-Fi functionality, please download the "TrailCam Go" APP in GooglePlay or APP store.



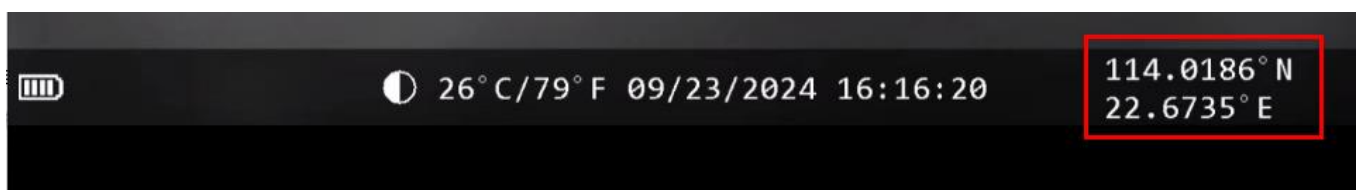
After installing the APP to the mobile phone, turn on the mobile phone Bluetooth and APP, you can add the device, connect the camera according to the APP prompt,

You can use the APP to set the camera menu, viewing, downloading, delete memory card photos and video files, etc. Several cameras can be added to the APP, no quantity limited, and you name each different device.

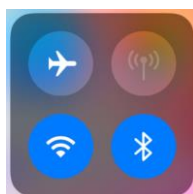
4.2 How to Sync the GPS location to device?

Our camera also supports sync the phone GPS location function.

Click the "  " at the bottom of the APP after added the device, select the device (from the list you added if you have more) which you want to set and click the  to edit the exact location then click "SAVE" and the sync icon  to sync, the APP will reconnect while syncing. Back to HOME and re-connect to the APP, you will find there are longitude and latitude showed on the inform strip.



Notice: While using the APP, you must allow the APP to access your device's Wi-Fi, Bluetooth, storage, location, album and camera of your device, this is necessary for taking pictures, recording video, or enabling the Local Network.



5.Normal Questions and Advice

5.1The camera can't capture the target

1. Please check the protective film of the PIR Fresnel lens is removed or not.
2. Please check if your SD card is locked.
3. Check the **"PIR Sensitivity"** (PIR sensitivity) parameter setting. For warm environmental conditions, set the Sensor Level to **"High"** and for cold weather use, set the sensor for **"Low"**.
4. Try to set your camera up in an area where no heat resources are in the camera's field of view.
5. Try to set camera on stable and immovable objects, i.e.: big trees.
6. If human being/animal moves fast, it may move out of the camera's field of view before photo is taken. Move camera further back or redirect camera.

5.2 The camera stops taking images or won't take images

1. Please make sure that the SD card is not full. If the card is full, the camera will stop taking images(you can turn on the loop record in the menu).
2. Please make sure the batteries power is sufficient.
3. Make sure the camera mode switch slide to **"ON"** position.
4. Please format the SD card with the camera before using or when the camera stops taking images.

5.3.The APP connection FQA

1. Please near to your device within 50meters.
3. WIFI cannot be connected when camera in low battery status.
- 4.While the camera is capturing,it needs to stopping first and then start bluetooth to connect.So please wait and try to connect again.

FCC Warning:

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.

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.