

T5.8CG

User Manual

T5.8 CELLULAR TRAIL CAMERA

*Exceptional Image Quality
in a Compact, User-friendly
Design*



Download TrailCamera App





T5.8 CELLULAR TRAIL CAMERA

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Components

What's in the Box?



Trail camera x1



Instruction manualx1



USB A to C cablex1



Mounting strap x1



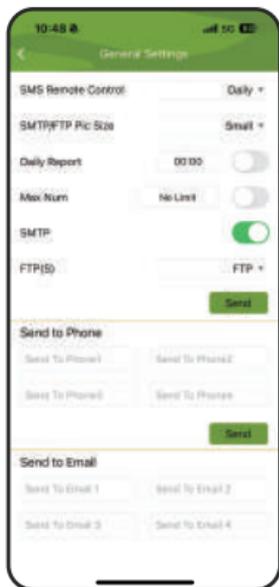
Antenna x1
(for 4G model only)

Features and Specifications

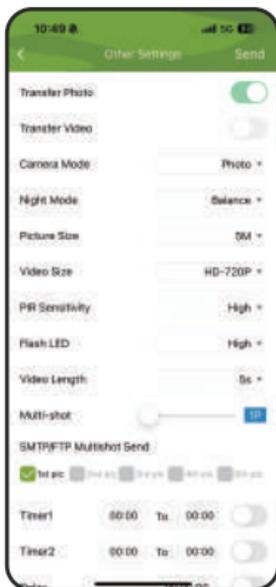


APP Introduction

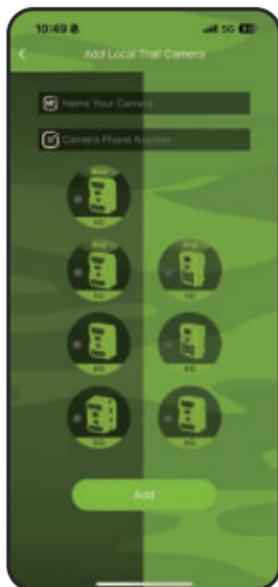
Settings Management



Advanced Settings Management



Camera Management



Specifications

Lens

DFOV

60° or 100°

F No.

F/2.0 or F/2.4

Wireless Mode

Protocol

SMTP(s) / FTP(S)

Trigger Speed

Trigger Speed	300ms
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Day and Night Detection

Day Mode	Color
Night Mode	Black - and - White

Power Supply

Battery Supply	12AA
DC Supply	12V

Interface

SD Card	Standard SD Card Slot
SIM Card	Standard SIM Card Slot
USB Port	Type-C
DC Port	Support

Photo

Photo Size on SD Card	5MP/8MP/12MP/24MP/32MP
Photo Size for Sending	Small/Big/HD
Multi - shot	1P/2P/3P/4P/5P

Video & Audio

Video Size on SD Card	WVGA/HD/FHD
Video Size for Sending	WVGA/HD/FHD
Microphone	Support

FW Update

SD Card Update	Support
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Memory

Local Storage

SD Card: 8GB - 128GB (Require formatting for 64GB & 128GB)

Screen

LCD

2.4"TFT

iOS/Android APP

iOS/Android APP

"TrailCamera "

iOS/Android System

Support

Ambient

PIR Range

Maximum support of 20m

PIR Angle

60° or 100°

Light Sensor

Support

Temperature

Support

Weight & Dimensions

Camera Weight (excluding antenna)

260g

Camera Size (excluding antenna)

128mm x 96mm x 76mm

Environment

Waterproof spec

IP66

Operating Temperature

-20°C - 55°C

Storage Temperature

-25°C - 60°C

Operation Humidity

5% - 90%

Storage Humidity

40% - 60%

Certification

Certification

FCC / CE / RoHS

Camera Setup

Quick Camera Setup in 6 Steps

Step 1: Insert Batteries

Open the back cover and insert the batteries as shown. Use Alkaline or Ni-MH batteries and select the correct battery type in the settings.

Step 2: Insert SD Card

Insert an SD card (8–32GB recommended, up to 128GB supported). Format cards over 32GB before use.

Step 3: Attach Antenna & Insert SIM

Install the antenna and insert a SIM card for network connection.

Step 4: Connect to Network

Switch to SETUP to turn on the screen, wait for the camera to connect to signals.

Step 5: Adjust Settings

Switch to SETUP to turn on the screen. Press M to enter the menu, use arrows to navigate, and press OK to confirm changes.

Step 6: Start Capturing with the Camera

Switch to ON. The camera will start working with motion triggers. The screen stays off in ON mode.

Camera Placement Tips

1. Face the camera north or south

Avoid placing the camera facing east or west, as sunlight can cause false triggers. Facing north or south is generally ideal.

2. Mount camera perpendicular to the ground

Install the camera upright and level to the horizon. This improves image alignment and helps reduce false triggers while enhancing motion detection.

3. Angle the camera at 10 degrees to trails

Aim the camera at a 10-degree angle along a trail to allow more time for motion detection. Avoid placing it directly across the path, which may result in missed shots of fast-moving animals.

4. Position camera about 20 feet from target area

Keeping the camera around 20 feet from the intended target offers balanced lighting and a full view of the subject.

5. Mount camera 3 to 5 feet above ground

Use a sturdy tree or post for mounting. This height avoids small animal interference and ensures stability.

6. Clear obstructions in front of the camera

Remove any grass, branches, or debris that may sway in the wind and cause unwanted photo triggers.

Adjust Camera Settings

Camera Mode

Photo/Video/Photo+Video

Set the camera to take a photo, record a video or take a photo followed by a video.

SMTP

Default/Manual/OFF

Default: Uses the built-in SMTP service with a limit of 50 emails per day.

Manual: Enter mail server IP, port, mail account, and mail password to send.

OFF: Turns off all outbound email notifications.

FTP(S)

FTP/OFF/FTPS

FTP: Specify FTP IP, port, FTP Account, and FTP password for file transfer.

FTPS: Specify FTPS IP, port, FTPS Account, and FTP password for file transfer.

Automatic Carrier Match

Auto/Manual

Auto: The camera automatically detects your carrier; no action needed.

Manual: Enter your carrier details yourself.

Flash Power

High/Low

High: In night mode, the infrared lights operate at full power, delivering maximum brightness.

Low: In night mode, the infrared lights run at reduced power, providing lower brightness.

Photo Size

5MP/8MP/12MP/24MP/32MP

Video Size

WVGA/**HD**/FHD

Video Length

Save to SD Card: **5**/10/15/20/30/40/50/59s

Send Videos: **5**/10/15

Multi Shot

1P/2P/3P/4P/5P

Set the camera to take 1 to 5 burst shots with a single trigger

PIR Sensitivity

L1/L2/L3/L4/L5/L6/**L7**/L8/L9

Adjustable 9-level sensitivity to suit different detection ranges

PIR Delay

OFF/ON

Set the minimum time between two PIR triggers. Helpful in busy areas to avoid too many triggers.

Timelapse

OFF/ON

Set the camera to capture photos or videos at fixed time intervals, regardless of PIR triggers.

Timer1

OFF/ON

Set the camera's active time period—PIR and Time Lapse will only work during the scheduled hours.

Timer2

OFF/ON

Set the camera's active time period—PIR and Time Lapse will only work during the scheduled hours.

SMS Remote Control

Daily/Instant

Daily: Camera wakes for 5 min after each upload; SMS commands received then run during the session.

Instant: Camera stays online continuously, so every SMS command executes the moment it arrives.

Date style

DD/MM/YYYY-(EU)

MM/DD/YYYY-(US)

YYYY/MM/DD-(CN)

Set the date format for the camera display.

Hour System

12h/**24h**

Set the camera's time format to either 12-hour or 24-hour display.

Battery type

Alkaline/Ni-MH/Li

Set the battery type used to power the camera.

SD Cycle

OFF/**ON**

Enable or disable the SD card loop overwrite. When turned on, the camera will automatically delete the oldest files when the card is full.

Stamp

OFF/**ON**

Turn on or off the photo/video watermark information and display.

GPS

OFF/ON

Enable or disable the camera's GPS location search feature.

FW Update

Perform firmware updates on the software, module, or MCU.

Update Methods:

Method 1: The camera downloads firmware remotely and performs an OTA (over-the-air) upgrade.

Method 2: The camera reads the firmware package from the SD card for a local upgrade. If the root directory of the SD card contains a valid firmware file, the corresponding menu option will be enabled; otherwise, it will remain grayed out and unavailable.

About

View camera information:

Ver: R1.0 – Camera version

MOD – Module software version

IMEI – Module IMEI number

MCU – MCU firmware version

Troubleshooting

Camera Won't Connect to Signals

If it shows "Failed" when the camera tries to connect to signals:

1. Check if the camera has the antenna installed and whether the antenna is damaged.
2. Move the camera to a location with a stronger signal.
3. Contact Customer Support

Captures Not As Expected: Too Many Or Too Few

1. Check the PIR sensitivity setting. For warm conditions, set PIR sensitivity to "High," and for colder weather, set it to "Low."
2. Mount the camera on a stable, immovable object—like a large tree—and ensure there are no heat sources within its field of view.
3. Avoid placing the camera near water or where it faces the rising or setting sun, as these can cause false triggers or empty images. Aim it over solid ground and adjust the angle as needed.
4. Make sure there is an active Data Plan subscription.
5. At night, the motion detector may detect beyond the range of the IR illumination. Reduce the distance by adjusting sensor sensitivity.
6. If a person or animal moves quickly, they may exit the camera's field of view before the photo is taken. Consider repositioning the camera further back or redirecting it.

Camera Won't Take Images

1. Ensure the SD card is not full. If the card is full, the camera will stop taking images. It's recommended to enable SD Cycle to prevent this issue.
2. Check the batteries to ensure that the remaining power of alkaline or NiMH AA batteries is sufficient for the camera to function properly.
3. Confirm that the camera power switch is in the "On" position, not "OFF" or "Test" mode.

Night Vision Flash Range Doesn't Meet Expectation

1. Verify that the batteries are fully charged or have enough remaining power.
2. It's recommended to use high-quality NiMH rechargeable AA batteries to consistently power the IR LEDs for better flash range in dark conditions.

Warranty

We take great pride in the quality and reliability of our products, and we are fully committed to supporting our customers with transparent and dependable warranty terms and services as outlined below. Supported by a rigorous quality control system, we offer a standard one-year limited warranty on all products, with the option to extend coverage for an additional one to four years through a paid renewal plan.

Our warranty covers defects in materials and workmanship for a period of one year from the original date of purchase. Should a defect arise, and subject to applicable laws, we will, at our discretion: (1) repair the product at no cost using new or refurbished components; or (2) replace it with a new or refurbished product of equivalent functionality, provided the item is returned with prepaid shipping.

This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or servicing by anyone other than our certified technicians. Coverage is limited to failures resulting from defects in materials or workmanship under normal operating conditions.

To request warranty service, please contact us for initial troubleshooting before sending the product for repair or replacement. Be sure to include a written description of the issue along with any relevant documentation or sample materials.

