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FKPCAM FK50

FKPCAM Cellular Trail Camera User Manual

Model: **FK50** | Brand: **FKPCAM**

1. Introduction

This user manual provides detailed instructions for the setup, operation, and maintenance of your FKPCAM FK50 Cellular Trail Camera. Designed for various applications including hunting, security, surveillance, and animal protection, this camera offers advanced features such as 4G LTE connectivity, high-resolution imaging, and solar power capabilities. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

2. Package Contents

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x FKPCAM FK50 Cellular Trail Camera
- 1 x Solar Panel & Mounting Bracket
- 1 x Base of Stand Set
- 1 x Mounting Strap
- 1 x Memory Card (Pre-installed 64GB Micro SDHC)
- 1 x Bracket
- 1 x USB Cable
- 1 x Hex Key
- 1 x Set of Mounting Screws
- 1 x User Manual (this document)

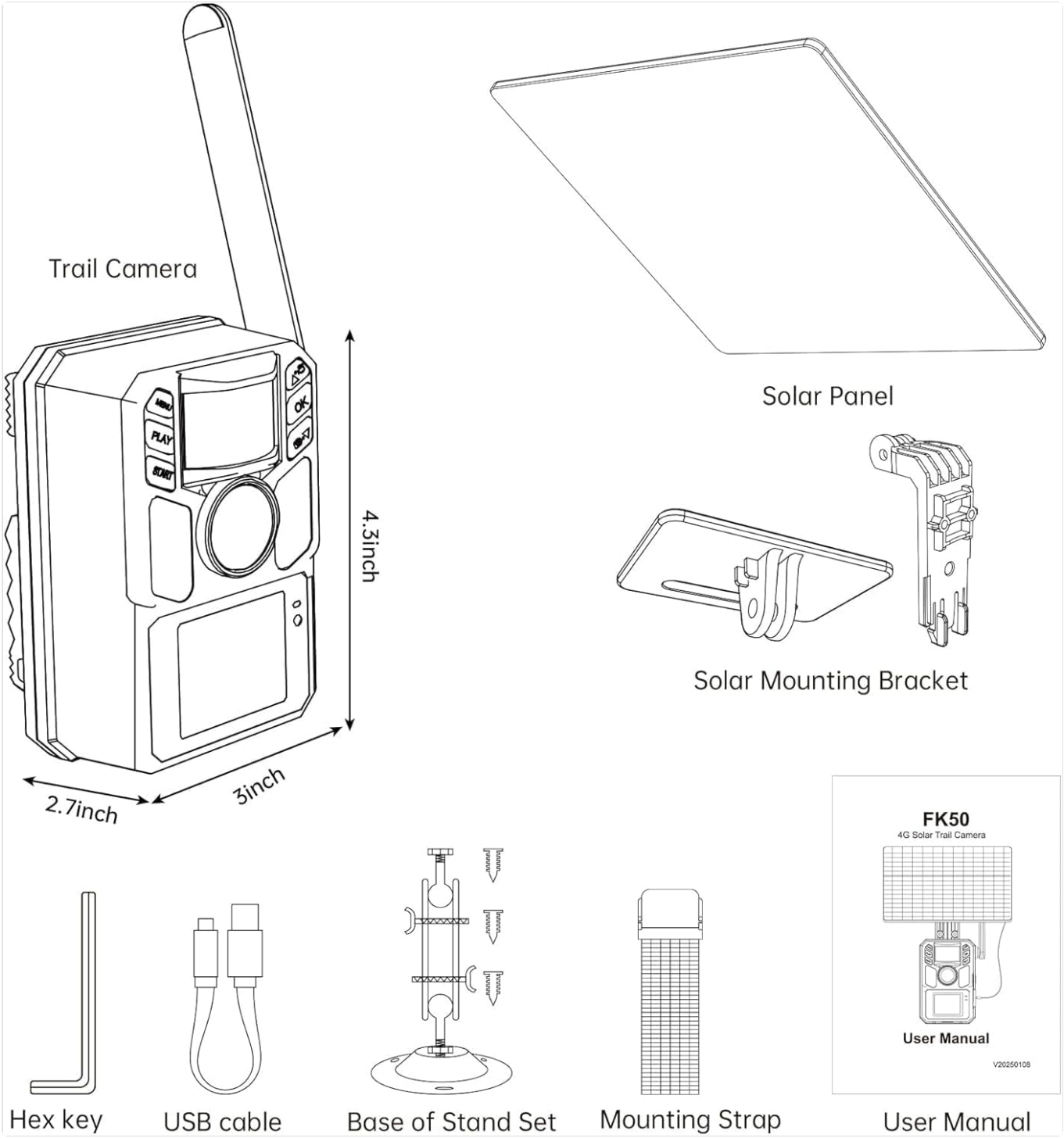


Image: The FKPCAM FK50 Cellular Trail Camera with its solar panel, mounting bracket, strap, USB cable, hex key, and screws.

3. Product Overview and Features

The FKPCAM FK50 is a robust cellular trail camera designed for reliable outdoor monitoring. It integrates advanced imaging and connectivity features to provide comprehensive surveillance.

Key Features:

- **4G LTE Connectivity:** Auto-connects nationwide for real-time data transmission.
- **High-Resolution Imaging:** Captures 48MP photos and 4K video at 30 frames per second.
- **Solar Powered:** Equipped with a 5W solar panel and a 7500mAh built-in lithium battery for extended operation.
- **Night Vision:** Features low-glow flash and infrared LEDs for clear night recordings up to 35 feet.
- **Fast Trigger Speed:** Responds to motion in 0.60 seconds.

- **Wide-Angle Lens:** 120-degree viewing angle for broad coverage.
- **Pre-Installed SIM Card:** Simplifies initial setup.
- **Remote Management:** Control and view footage via a dedicated mobile application.
- **Durable Design:** Waterproof construction suitable for outdoor environments.
- **GPS Functionality:** Built-in GPS for location tracking.



Image: The FKPCAM FK50 Cellular Trail Camera, showcasing its solar panel and a smartphone displaying a live feed from the camera.



Image: The FKPCAM FK50 camera mounted on a tree, emphasizing its solar power capabilities and 7500mAh lithium battery for long-lasting operation.



Image: Visual representation of the camera's 4K video resolution, 48MP photo resolution, 0.60-second trigger speed, and 90-degree wide-angle lens (Note: Specifications state 120 degrees, this image may be illustrative).

4. Setup Guide

Follow these steps to set up your FKPCAM FK50 Cellular Trail Camera.

Step 1: Download the Mobile Application

The FKPCAM FK50 is controlled via a dedicated mobile application. Search for "Trail Cam Go" on your smartphone's app store (Apple App Store for iOS or Google Play Store for Android) and install it.

Image: Instructions for downloading the "Trail Cam Go" application from the Apple App Store and Google Play Store.

Step 2: Prepare the Camera

Ensure the pre-installed SIM card and memory card are securely in place. Power on the camera by sliding the power

switch to the "ON" position. The camera will attempt to connect to the cellular network.



Image: A close-up view of the camera's side, showing the power switch and slots for the SIM and SD cards.

Step 3: Connect and Configure via App

Open the "Trail Cam Go" app on your smartphone. Follow the in-app instructions to discover and connect to your FKPCAM FK50 camera. You will be prompted to name your device and configure settings such as photo/video resolution, trigger sensitivity, and cellular data plans. Note that a 4G network package activation is required for cellular functionality.



Image: Multiple screenshots illustrating the app's process for finding, connecting, naming, and configuring the camera, including subscription plan options.

Step 4: Mount the Camera

Select a suitable location for your camera, ensuring the solar panel receives adequate sunlight. Use the provided mounting strap or screws with the bracket to secure the camera to a tree or other stable surface. Adjust the camera's angle to cover your desired monitoring area.



Image: The FKPCAM FK50 camera mounted on a tree, demonstrating a typical outdoor installation for wildlife monitoring.



Image: Examples of the solar trail camera mounted in different outdoor settings, such as on a fence and a tree, highlighting its versatility.

5. Operation

Once set up, your FKPCAM FK50 camera will automatically begin monitoring based on your configured settings. The camera utilizes a passive infrared (PIR) sensor to detect motion and trigger recordings.

Motion Detection and Recording:

- The camera's PIR sensor detects movement within its 120-degree field of view.
- Upon detection, the camera triggers within 0.60 seconds to capture photos (up to 48MP) or videos (up to 4K).
- The 3-shot burst mode captures multiple images in quick succession for comprehensive coverage.
- During low-light conditions, the camera automatically activates its night vision feature, utilizing infrared LEDs for clear black-and-white images and videos up to 35 feet.



Image: A demonstration of the camera's night vision functionality, showing a clear image of a fox in a dark environment.

Remote Viewing and Management:

- Through the "Trail Cam Go" app, you can receive real-time notifications, view captured photos and videos, and access live streams (depending on your data plan).
- The built-in GPS allows you to track the camera's location directly from the app.
- Multiple users can be granted access to share and monitor the camera's feed, making it suitable for group use or shared property surveillance.



Image: A smartphone screen showing the "Real-time viewing" features of the app, including options for app messages, GPS positioning, and managing multiple devices.

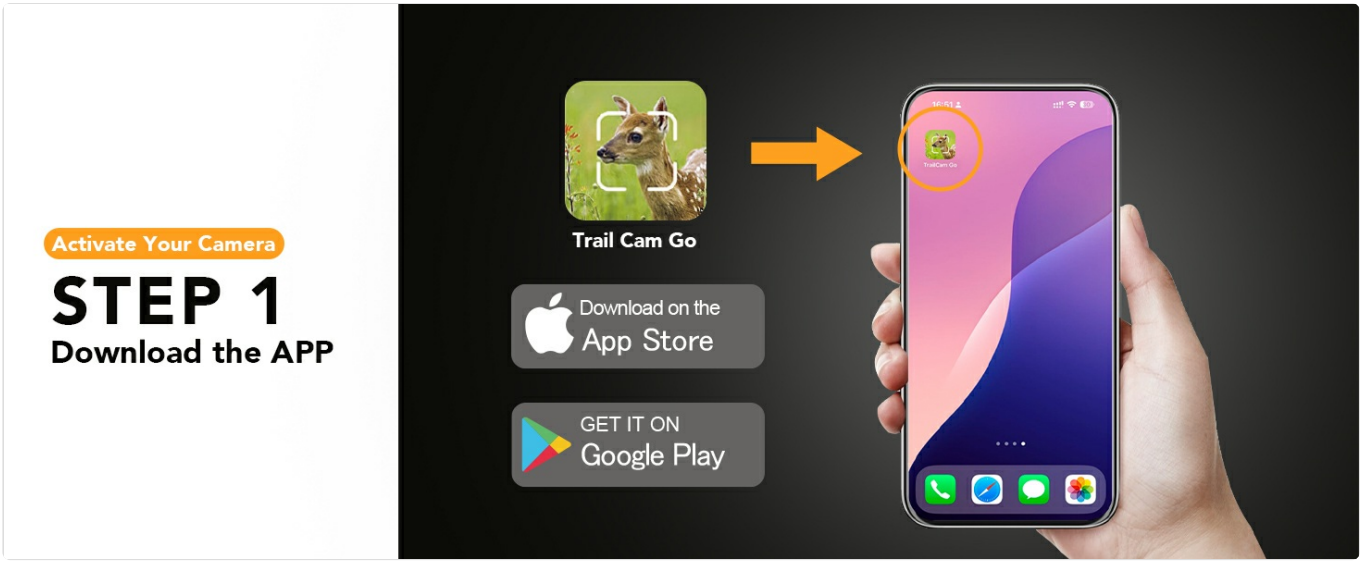


Image: An illustration of the multi-user sharing feature, where several individuals can access the camera's feed on their smartphones, observing a bear.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your FKPCAM FK50 camera.

Battery and Charging:

- The camera is primarily powered by its integrated solar panel, which charges the 7500mAh lithium battery.
- Ensure the solar panel is clean and unobstructed to maximize charging efficiency.
- For initial charging or in prolonged low-light conditions, the camera can be charged via the included USB cable and a power adapter.

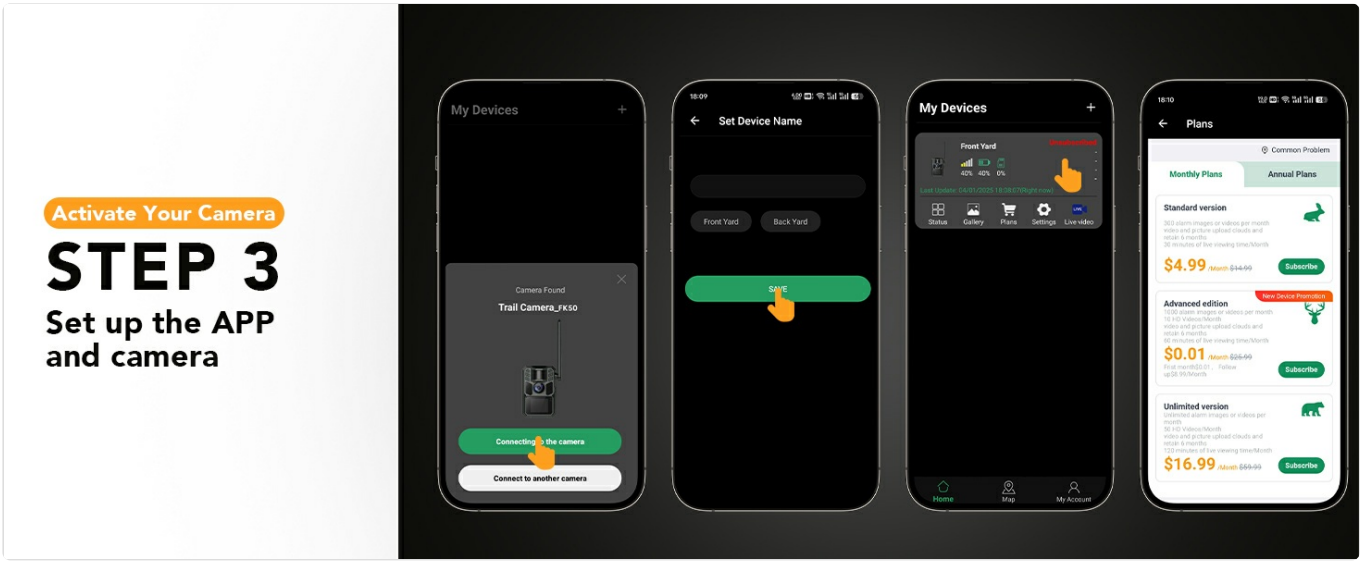


Image: Demonstrates the dual charging methods for the camera: continuous charging via the 5W solar panel and direct charging of the 7500mAh built-in lithium battery using a USB cable.

Cleaning and Storage:

- Wipe the camera lens and solar panel regularly with a soft, damp cloth to remove dirt and debris.
- Though waterproof, avoid submerging the camera in water.
- When storing for extended periods, ensure the battery is partially charged and store in a cool, dry place.

Firmware Updates:

- The camera supports over-the-air (OTA) firmware updates. Check the "Trail Cam Go" app periodically for available updates to ensure your camera has the latest features and performance improvements.

7. Troubleshooting

If you encounter issues with your FKPCAM FK50 camera, refer to the following common problems and solutions.

Problem	Possible Cause / Solution
Camera not powering on.	Ensure the power switch is in the "ON" position. Check battery level. Charge the camera via USB if the solar panel has not provided sufficient charge.
No images/videos captured.	Verify motion detection sensitivity settings in the app. Ensure the camera is positioned correctly to capture movement. Check if the memory card is inserted correctly and has sufficient space. Confirm cellular data plan is active and has available data.
Poor image/video quality.	Clean the camera lens. Adjust resolution settings in the app to higher quality (e.g., 48MP for photos, 4K for video). Ensure adequate lighting for daytime captures; night vision quality depends on range and ambient light.
Cannot connect to the app or receive notifications.	Check cellular signal strength at the camera's location. Verify your cellular data plan is active and has data remaining. Ensure the app has necessary permissions on your smartphone (e.g., network access, notifications). Restart both the camera and your smartphone.
Excessive false triggers.	Reduce motion detection sensitivity in the app. Reposition the camera to avoid areas with swaying branches, tall grass, or direct sunlight that can cause false triggers.

If the problem persists, please refer to the Warranty and Support section for assistance.

8. Specifications

Feature	Detail
Model Name	FK50
Photo Resolution	Up to 48 MP
Video Resolution	Up to 4K (3840 x 2160) at 30 fps
Connectivity	4G LTE Cellular, Wireless

Feature	Detail
Power Source	Solar Powered (5W Solar Panel), 7500mAh Built-in Lithium Battery
Night Vision Range	35 Feet (Infrared LEDs)
Trigger Speed	0.60 seconds
Viewing Angle	120 Degrees
Storage	Micro SDHC, 64GB installed, supports up to 256GB
Control Method	Mobile App ("Trail Cam Go")
Water Resistance	Waterproof
Dimensions (L x W x H)	2.7 x 3 x 4.3 inches
Weight	2.07 pounds
Material	Plastic, Metal, Lithium Battery
Included Components	Camera, Solar Panel & Mounting Bracket, Base of Stand Set, Mounting Strap, Memory Card, Bracket, USB Cable, Hex Key, Mounting Screws, User Manual

9. Warranty and Support

FKPCAM is committed to providing high-quality products and excellent customer service.

Warranty Information:

- **12-Month Warranty:** Your FKPCAM FK50 camera is covered by a 12-month warranty for quality-related issues from the date of purchase.
- **30-Day Refund Guarantee:** For 30 days after the date of purchase, you may receive a refund for any reason.

Customer Support:

For technical assistance, warranty claims, or any other inquiries, please contact FKPCAM customer service. We aim to provide a response within 12 hours.

- **Professional Technical Support:** Available for 1 year.
- Please refer to the contact information provided on the product packaging or the official FKPCAM website for the most current support channels.



Image: Summary of FKPCAM customer support commitments: 12-hour response time, 30-day return or refund policy, and 1 year of professional technical support.

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