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FKPCAM FK20

FKPCAM FK20 Solar Trail Camera User Manual

Model: FK20

Introduction Safety Information Components Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

Thank you for purchasing the FKPCAM FK20 Solar Trail Camera. This camera is designed for wildlife observation, hunting, and security monitoring, offering high-resolution imaging, rapid trigger speed, and convenient wireless connectivity. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance of your device.



The FKPCAM FK20 Solar Trail Camera in its natural outdoor environment, capturing wildlife.

2. Safety Information

- Do not expose the camera to extreme temperatures or direct sunlight for prolonged periods.
- Ensure all ports are securely sealed to maintain IP67 waterproof and dustproof rating.
- Use only specified batteries and charging methods.

- Keep the camera away from strong magnetic fields.
- Do not attempt to disassemble or repair the camera yourself. Contact customer support for assistance.
- Dispose of batteries according to local regulations.

3. Package Contents & Product Overview

3.1 Package Contents

- FKPCAM FK20 Trail Camera
- Solar Panel (integrated)
- Rechargeable Batteries (2 units)
- 64GB Memory Card
- Mounting Strap
- USB Cable
- User Manual

3.2 Product Overview

Familiarize yourself with the camera's main components:



Overview of the FKPCAM FK20 Trail Camera and its key features.

1. **Lens:** Captures images and videos.
2. **PIR Sensor:** Detects motion to trigger recording.
3. **IR LEDs:** Provide illumination for night vision.
4. **Control Panel:** Buttons for menu navigation and settings.
5. **LCD Screen:** Displays menu, settings, and playback.
6. **Battery Compartment:** Houses the rechargeable batteries.
7. **SD Card Slot:** For inserting the memory card.
8. **USB Port:** For data transfer and alternative charging.
9. **Mounting Points:** For attaching the strap or other mounting accessories.
10. **Solar Panel:** Charges the internal batteries using sunlight.

4. Setup

4.1 Battery Installation and Charging

The camera comes with two rechargeable batteries and an integrated solar panel for continuous power. Ensure batteries are fully charged before first use.

- Open the battery compartment and insert the two provided rechargeable batteries, observing polarity.
- Close the compartment securely to maintain waterproofing.
- For initial charging or when solar power is insufficient, connect the camera via USB to a power adapter, laptop, or power bank.
- Position the camera so the solar panel receives maximum direct sunlight for optimal charging.



The camera supports solar charging and can also be charged via USB.

4.2 SD Card Installation

A 64GB memory card is included. The camera supports up to 128GB.

- Locate the SD card slot.

- Insert the memory card with the gold contacts facing the correct direction until it clicks into place.
- To remove, push the card in slightly until it springs out.

4.3 Mounting the Camera

The camera is designed for outdoor use and can be mounted using the provided strap or screws.

- Choose a stable location, such as a tree or pole, that provides a clear view of the desired monitoring area.
- Use the mounting strap to secure the camera firmly.
- Ensure the camera is positioned at an appropriate height and angle to capture the target area effectively. Consider the PIR detection angle (130 degrees) for optimal coverage.



The camera can be easily mounted on a tree or pole.

4.4 App Installation and Connection

The camera supports Wi-Fi connectivity for remote viewing and settings adjustment via a dedicated smartphone app.

- Download the "Trail Cam Go" app from your smartphone's app store (compatible with iOS).
- Turn on the camera and enable Wi-Fi mode.
- Open the app and follow the on-screen instructions to connect to the camera's Wi-Fi network. Note: This is a direct camera-to-phone Wi-Fi connection, not a connection to your home Wi-Fi network.
- Once connected, you can view live footage, adjust settings, and download recorded media.



Connect to the camera via the smartphone app for remote control and viewing.

5. Operating Instructions

5.1 Powering On/Off

- To power on, slide the power switch to the ON position.
- To power off, slide the power switch to the OFF position.

5.2 Recording Modes

The camera supports various recording modes:

- **Photo Mode:** Captures still images (up to 64MP).
- **Video Mode:** Records video clips (up to 4K).
- **Photo + Video Mode:** Captures a still image followed by a video clip.

Select your desired mode through the camera's menu or the smartphone app.



The camera captures high-quality 4K video and 64MP photos.

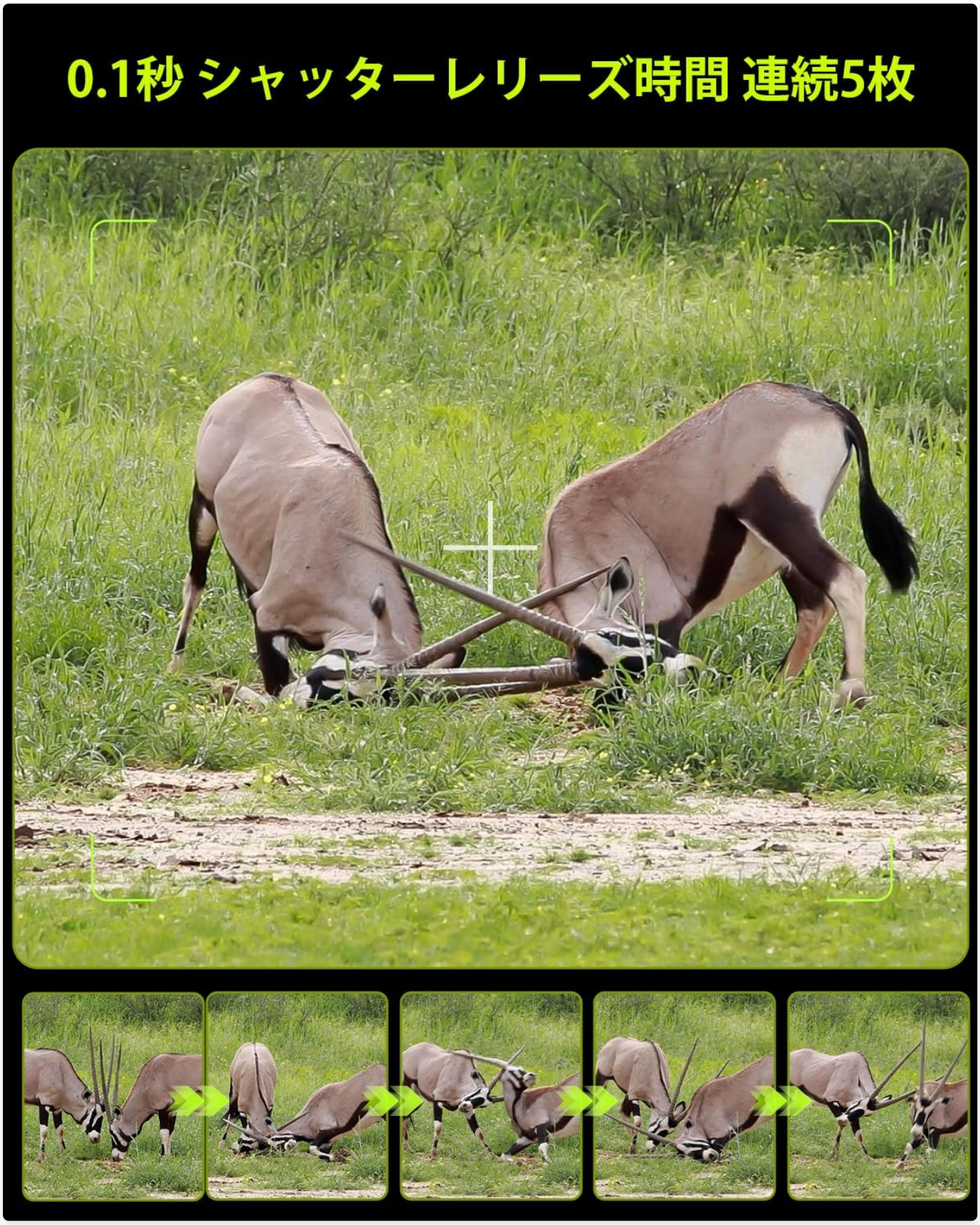
5.3 Motion Detection (PIR Sensor)

The camera features a highly sensitive PIR sensor with a 0.2-second trigger speed to capture fast-moving subjects.

- The PIR sensor detects movement within its 130-degree detection angle.
- Upon detection, the camera will automatically trigger recording based on the selected mode.
- Adjust PIR sensitivity in the settings menu to suit your environment and avoid unwanted triggers.



The PIR sensor offers a wide detection angle for comprehensive coverage.



The camera's ultra-fast 0.2-second trigger speed captures continuous shots of moving subjects.

5.4 Night Vision

Equipped with infrared LEDs, the camera provides clear black-and-white images and videos at night without startling wildlife.

- The camera automatically switches to night vision mode in low-light conditions.
- The infrared LEDs provide illumination up to 30 meters (approximately 100 feet).

- The "no-glow" infrared technology ensures the camera remains discreet.



The camera provides clear recordings both day and night.

5.5 Viewing Recordings

- **On Camera:** Use the built-in LCD screen and control buttons to navigate and playback recorded media.
- **Via App:** Connect to the camera via the "Trail Cam Go" app to view, download, and share photos and videos directly on your smartphone.
- **On Computer:** Remove the SD card and insert it into a computer's card reader to access files.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners or solvents.
- **Battery Care:** Ensure the solar panel is clean and unobstructed for efficient charging. If storing the camera for extended periods, fully charge the batteries and remove them if possible.
- **Storage:** Store the camera in a cool, dry place when not in use.

- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates to improve performance and features.

7. Troubleshooting

Problem	Possible Cause / Solution
Camera not powering on.	Check battery installation and ensure batteries are charged. Verify the power switch is in the ON position.
Poor image/video quality.	Clean the camera lens. Ensure sufficient lighting (for day recordings) or proper night vision activation (for night recordings). Check resolution settings.
Camera not detecting motion.	Adjust PIR sensitivity in settings. Ensure the camera is positioned correctly within the PIR detection range and angle. Avoid placing the camera where heat sources or moving branches might cause false triggers.
Wi-Fi connection issues.	Ensure the camera's Wi-Fi is enabled. Be within close range of the camera. Reinstall the "Trail Cam Go" app if necessary. Remember it's a direct connection, not to your home network.
Recordings not saving to SD card.	Ensure the SD card is correctly inserted and not full. Format the SD card (this will erase all data). Check if the SD card is damaged.
Video files not playing on Mac (AVI format).	The camera records in AVI format. If your Mac does not natively support AVI, you may need to install a third-party media player (e.g., VLC Media Player) or convert the video files to a compatible format.

8. Specifications

Feature	Detail
Brand	FKPCAM
Model Name	FK20
Connectivity Technology	Wireless (Wi-Fi)
Recommended Uses	Wildlife monitoring and hunting
Special Feature	Adjustable
Outdoor/Indoor Use	Outdoor
Compatible Devices	Smartphone
Power Source	Solar powered
Controller Type	iOS (App)
Color	Forest Green
Mounting Type	Screw-in
Outer Material	Plastic

Feature	Detail
Waterproof Type	Waterproof (IP67)
Control Method	App
Night Vision Range	20 meters (approx. 65 feet)
Night Vision	Night Color (Infrared)
Number of Infrared LEDs	4
Built-in Memory	64 GB (SD Card included)
Max Flash Memory Support	128 GB
Video Capture Format	AVI
Product Dimensions	17 x 12 x 7 cm
Product Weight	0.1 pounds
UPC	748743550252

9. Warranty & Support

Your FKPCAM FK20 Solar Trail Camera comes with a 24-month warranty from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.
For technical support, warranty claims, or any questions regarding your product, please contact FKPCAM customer service through the retailer where you purchased the product or visit the official FKPCAM store page on Amazon:

FKPCAM Amazon Store

Please have your purchase receipt and product model number (FK20) ready when contacting support.

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