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FKPCAM FK40

FKPCAM FK40 Solar Trail Camera Instruction Manual

Model: FK40

1. Introduction

Thank you for choosing the FKPCAM FK40 Solar Trail Camera. This advanced wildlife camera is designed for outdoor use, offering high-resolution 4K video and 64MP still images. Equipped with a 5000mAh rechargeable battery and an integrated solar panel, it provides extended operation without frequent battery changes. Its IP67 waterproof rating ensures durability in various weather conditions, making it ideal for wildlife monitoring, hunting, garden surveillance, and farm security.
Key features include night vision capabilities, motion activation with a rapid 0.1s trigger time, and support for a 64GB Micro Memory Card. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to help you get the most out of your camera.

2. Safety Information

- Always handle the camera with care. Avoid dropping or subjecting it to strong impacts.
- Do not attempt to disassemble or modify the camera. This may void the warranty and cause damage.
- Ensure all ports and covers are securely closed to maintain the IP67 waterproof rating, especially before exposure to rain or moisture.
- Use only the specified rechargeable battery and memory card. Incorrect components may damage the device.
- Keep the solar panel clean and free from obstructions to ensure optimal charging performance.
- Operating temperature range: -22°F to 158°F (-30°C to 70°C). Avoid extreme temperatures outside this range.
- Dispose of batteries responsibly according to local regulations.

3. Package Contents

Please check the package contents upon opening to ensure all items are present:

- FKPCAM FK40 Trail Camera
- Integrated Solar Panel
- Mounting Strap/Bracket

- USB Cable
- User Manual
- 64GB Micro Memory Card (pre-installed or included separately)

4. Product Overview



Figure 4.1: Front view of the FKPCAM FK40 Solar Trail Camera, showing the main camera body, lens, PIR sensors, control buttons, display screen, and the attached solar panel.



Figure 4.2: The FKPCAM FK40 camera with its removable solar panel, demonstrating its versatility for installation on trees, fences, and other outdoor structures.

Camera Components:

- **Main Lens:** Captures high-resolution images and videos.
- **PIR Sensors:** Passive Infrared sensors detect motion for triggering recordings.
- **Infrared LEDs:** Provide illumination for night vision without disturbing wildlife.
- **Control Panel:** Buttons for menu navigation (MENU, PLAY, START, OK, UP/DOWN) and a display screen.

- **SD Card Slot:** For inserting the Micro Memory Card.
- **USB Port:** For connecting to a computer or power source.
- **Power Switch:** To turn the camera ON/OFF.

Solar Panel:

The integrated solar panel continuously charges the internal 5000mAh rechargeable battery, extending the camera's operational time significantly. It is designed to be removable for flexible installation and optimal sun exposure.

5. Setup

5.1 Battery and Memory Card Installation

1. **Charge Battery:** Although the camera has a solar panel, it is recommended to fully charge the internal 5000mAh rechargeable battery using the provided USB cable before first use. Connect the camera to a USB power adapter (not included) or a computer.
2. **Insert Memory Card:** Locate the SD card slot on the side or bottom of the camera. Insert the 64GB Micro Memory Card with the gold contacts facing the correct direction until it clicks into place. Ensure the camera is powered off before inserting or removing the card.

5.2 Mounting the Camera

The FKPCAM FK40 is designed for tree mounting or other outdoor structures. Choose a location that provides a clear view of the area you wish to monitor and allows the solar panel to receive ample sunlight.

1. **Select Location:** Identify a sturdy tree or post. Consider the angle and height to capture the desired field of view.
2. **Attach Mounting Strap:** Thread the provided mounting strap through the slots on the back of the camera. Securely fasten the camera to the tree or post.
3. **Adjust Solar Panel:** Position the solar panel to face the direction that receives the most direct sunlight throughout the day. The panel is adjustable to optimize charging.



Figure 5.1: Examples of the FKPCAM FK40 camera's versatile applications, including wildlife monitoring, hunting, garden security, and farm surveillance.

6. Operating Instructions

6.1 Powering On/Off

- To power on, slide the power switch to the "ON" position. The display screen will light up.

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

6.2 Menu Navigation and Settings

Press the **MENU** button to enter the settings menu. Use the **UP**/**DOWN** arrow buttons to navigate through options and **OK** to confirm selections. Press **MENU** again to exit the menu.

- **Mode:** Select Photo, Video, or Photo+Video.
- **Photo Resolution:** Set image quality (e.g., 64MP, 30MP, 20MP).
- **Video Resolution:** Set video quality (e.g., 4K, 2.7K, 1080P).
- **PIR Sensitivity:** Adjust motion sensor sensitivity (High, Medium, Low) based on environment.
- **Trigger Interval:** Set the delay between consecutive triggers.
- **Time Stamp:** Enable/disable date and time display on photos/videos.
- **Format SD Card:** Format the memory card before first use or if experiencing issues. This will erase all data.

6.3 Playback and Data Transfer

- **Playback:** Press the **PLAY** button to enter playback mode. Use **UP**/**DOWN** to browse photos/videos. Press **OK** to view or play.
- **Data Transfer:** Connect the camera to a computer using the USB cable. The camera will appear as a removable disk, allowing you to copy files. Alternatively, remove the Micro Memory Card and insert it into a card reader for faster transfer.
- **Wireless Connectivity:** The camera supports Bluetooth connectivity. Refer to the specific app instructions (if applicable) for connecting to your phone to view and manage files wirelessly.

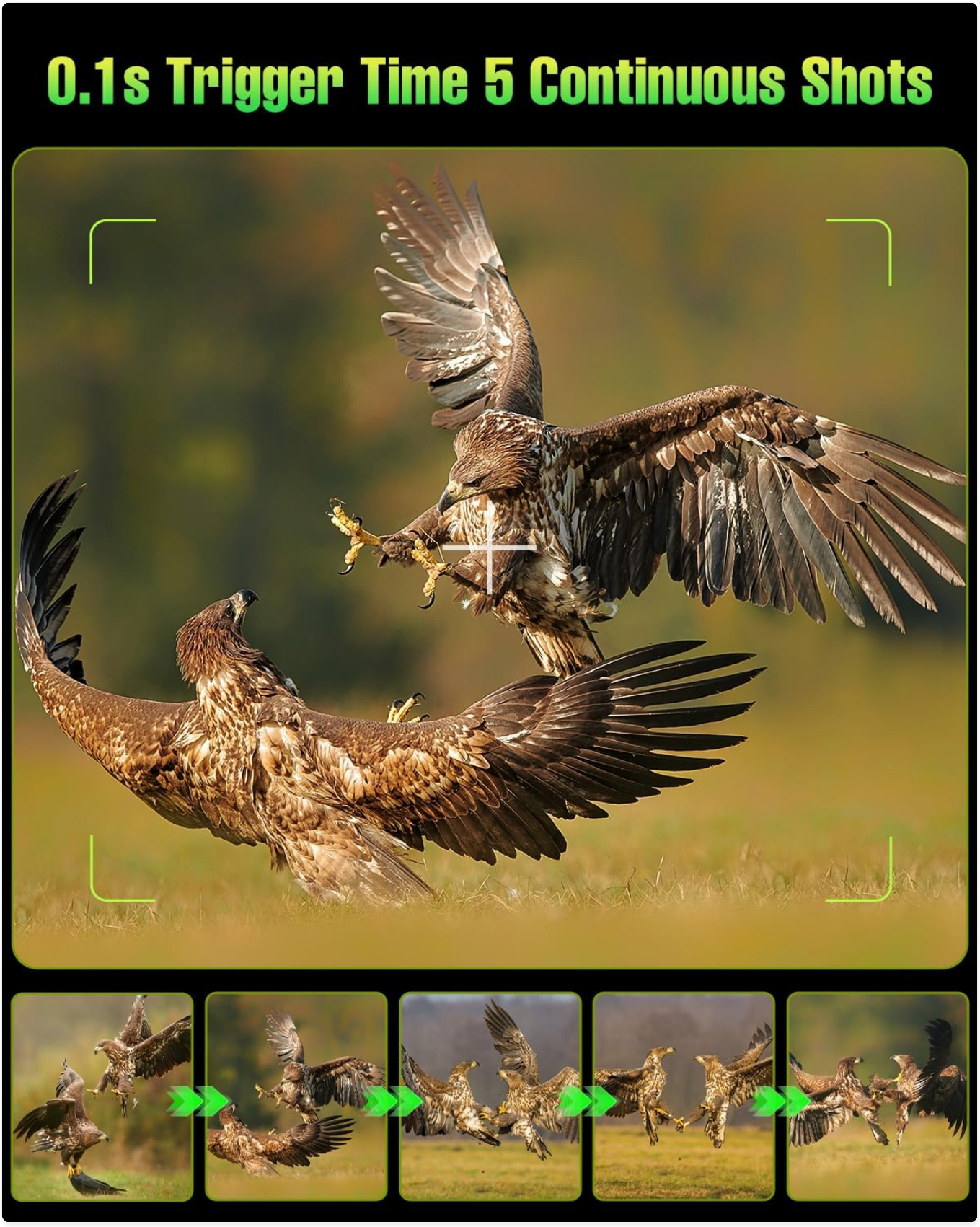

Figure 6.1: The camera's rapid 0.1s trigger time and ability to capture 5 continuous shots, ideal for fast-moving subjects.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens and solar panel, use a lens cleaning cloth to avoid scratches. Do not use abrasive cleaners or solvents.
- **Battery Care:** While the solar panel provides continuous charging, it's good practice to periodically check the battery level, especially during prolonged periods of low sunlight. Fully charge the battery before long-term storage.

- **Waterproofing:** Regularly inspect the rubber seals around the battery compartment and ports to ensure they are intact and free of debris. This maintains the IP67 waterproof integrity.
- **Storage:** When not in use for extended periods, store the camera in a cool, dry place, away from direct sunlight and extreme temperatures.



Figure 7.1: The camera's IP67 waterproof design ensures reliable operation in wet conditions, and its robust construction allows it to function across a wide temperature range from -22°F to 158°F.

8. Troubleshooting

Problem	Possible Cause	Solution
Camera not turning on	Low battery; Power switch off; Faulty battery.	Ensure battery is charged. Check power switch position. Try charging the battery or replacing it if necessary.
No photos/videos captured	SD card full/corrupted; PIR sensitivity too low; Incorrect mode setting.	Format or replace SD card. Increase PIR sensitivity. Verify camera mode (Photo/Video/Photo+Video).
Poor image/video quality	Lens dirty; Low light conditions; Incorrect resolution setting.	Clean the lens. Ensure adequate lighting or use night vision. Adjust photo/video resolution settings.
Solar panel not charging	Insufficient sunlight; Panel obstructed; Damaged panel.	Relocate camera to a sunnier spot. Clear any obstructions. Inspect panel for damage.
Bluetooth connection issues	Bluetooth off on phone/camera; Out of range; App issues.	Ensure Bluetooth is enabled on both devices. Move closer to the camera. Restart the app or camera.

9. Specifications

Feature	Detail
Model Name	FK40
Brand	FKPCAM
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered (with 5000mAh Rechargeable Battery)
Connectivity Protocol	Bluetooth, Wireless
Mounting Type	Tree Mount
Video Capture Resolution	4K
Photo Resolution	Up to 64MP
Color	White (Camera body is typically dark, but product listing says white)
Item Dimensions (L x W x H)	8 x 5 x 3.6 inches
Item Weight	2 Pounds
Battery Power	3.7 Volts (5000mAh)
Video Capture Format	AVI
Waterproof Rating	IP67

Feature	Detail
Operating Temperature	-22°F to 158°F (-30°C to 70°C)
Trigger Time	0.1s
Continuous Shots	Up to 5

10. Warranty and Support

FKPCAM products are manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims.
For technical support, troubleshooting assistance, or warranty inquiries, please contact FKPCAM customer service through the retailer's platform or visit the official FKPCAM website for contact details.
Website: FKPCAM Official Store on Amazon

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

The package contents for my FKPCAM FK40 Solar Trail Camera state that a 64 GB micro SD card should

be included or installed, but it was missing from my package. What should I do?

According to the FKPCAM FK40 Solar Trail Camera instruction manual, the 64GB Micro Memory Card is listed under the "Package Contents" and may be either pre-installed in the camera's SD card slot or included...

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