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FKPCAM FK20

FKPCAM 4K 64MP Solar WiFi Game Hunting Camera User Manual

Brand: FKPCAM | **Model:** FK20

Introduction

The FKPCAM 4K 64MP Solar WiFi Game Hunting Camera is designed for outdoor enthusiasts and wildlife observers, offering high-resolution imaging and convenient remote access. This manual provides essential information to help you set up, operate, and maintain your camera for optimal performance in various outdoor environments.



Figure 1: FKPCAM 4K 64MP Solar WiFi Game Hunting Camera and key features.

Packing List

Ensure all items are present in your package:

- 1 x Trail Camera with Night Vision
- 1 x Solar Panel & Mounting Bracket
- 1 x Base of Stand Set
- 1 x Mounting Strap
- 1 x 64GB Memory Card
- 1 x USB Cable
- 1 x User Manual



Figure 2: Contents of the FKPCAM Trail Camera package.

Setup Guide

1. Initial Charging & Power Supply

The camera features an efficient solar panel and a built-in 5000mAh rechargeable battery for continuous power. You can also charge it via USB.

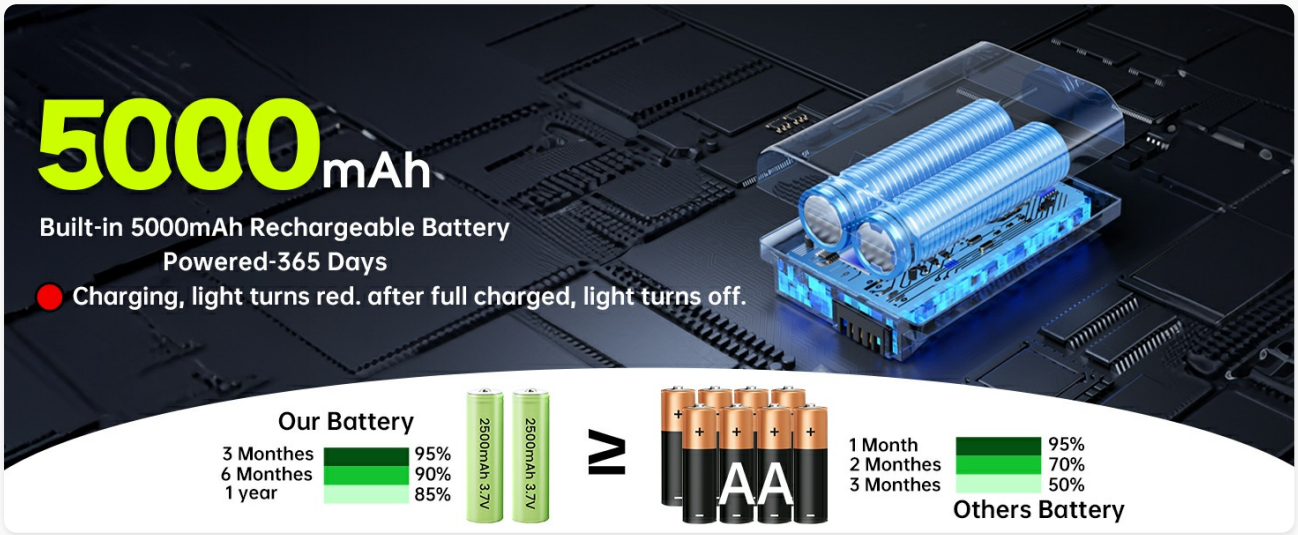

Figure 3: Powering the camera via solar panel or DC5V adapter.

▶ **Watch video online**

wifi solar trail camera rechargeable

Video 1: Demonstrates the charging process for the WiFi solar trail camera. This video shows how the camera's built-in 5000mAh rechargeable battery is powered by the solar panel, ensuring extended operation in the field.

▶ **Watch video online**

wifi solar trail camera-solar panel installation

Video 2: Guide on installing the solar panel for the WiFi solar trail camera. This video illustrates the steps to correctly attach and position the solar panel to ensure optimal charging and performance.

2. Memory Card Insertion

Insert the provided 64GB Micro SD memory card into the designated slot. Ensure it is inserted correctly until it clicks into place.

3. Mounting the Camera

The camera can be mounted using the included mounting strap or the stand set. The solar panel can be flexibly installed with a 2m cable to ensure optimal sun exposure.



Figure 4: Flexible mounting options for the camera and solar panel.

Operating Instructions

1. WiFi Connection and App Control

Connect to the camera's built-in WiFi via the free 'TrailCam Go' app on your smartphone. This allows you to preview and download photos and videos in real-time within a range of 45 feet. Note: The camera's WiFi cannot be connected to a home WiFi network or router.



Figure 5: Seamless WiFi connection and app control for remote monitoring.

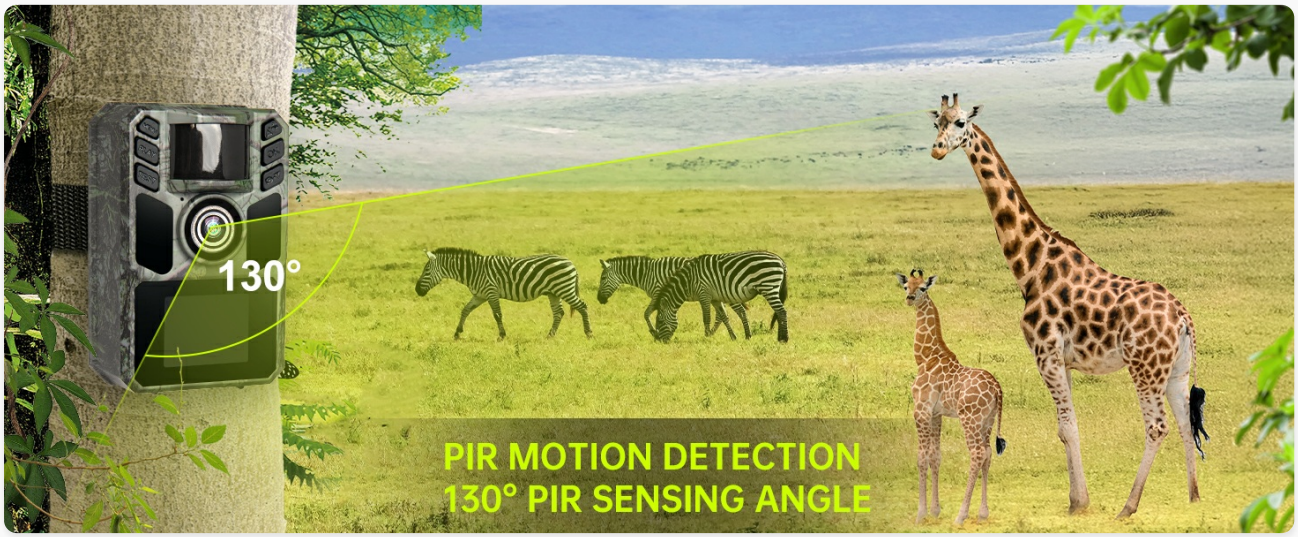

Figure 6: Multiple methods for accessing and transferring media from the camera.

2. Capturing Photos and Videos

The camera captures crisp and detailed 4K videos and high-resolution 64MP photos, ensuring you never miss a spectacular wildlife moment.



Figure 7: Examples of 64MP image and 4KHD video quality.

3. Motion Detection and Trigger Speed

With a fast trigger speed of 0.2 seconds, the camera ensures rapid capture of moving objects. The 130° PIR sensing angle provides comprehensive coverage.



Figure 8: PIR Motion Detection with a 130° sensing angle.



Figure 9: Demonstrating the camera's rapid 0.2-second trigger speed.

4. Night Vision Capabilities

Features 850nm low-glow infrared LEDs and a 130° wide-angle lens, providing up to 100 feet of night vision range. Capture everything clearly, even in total darkness, for comprehensive surveillance.

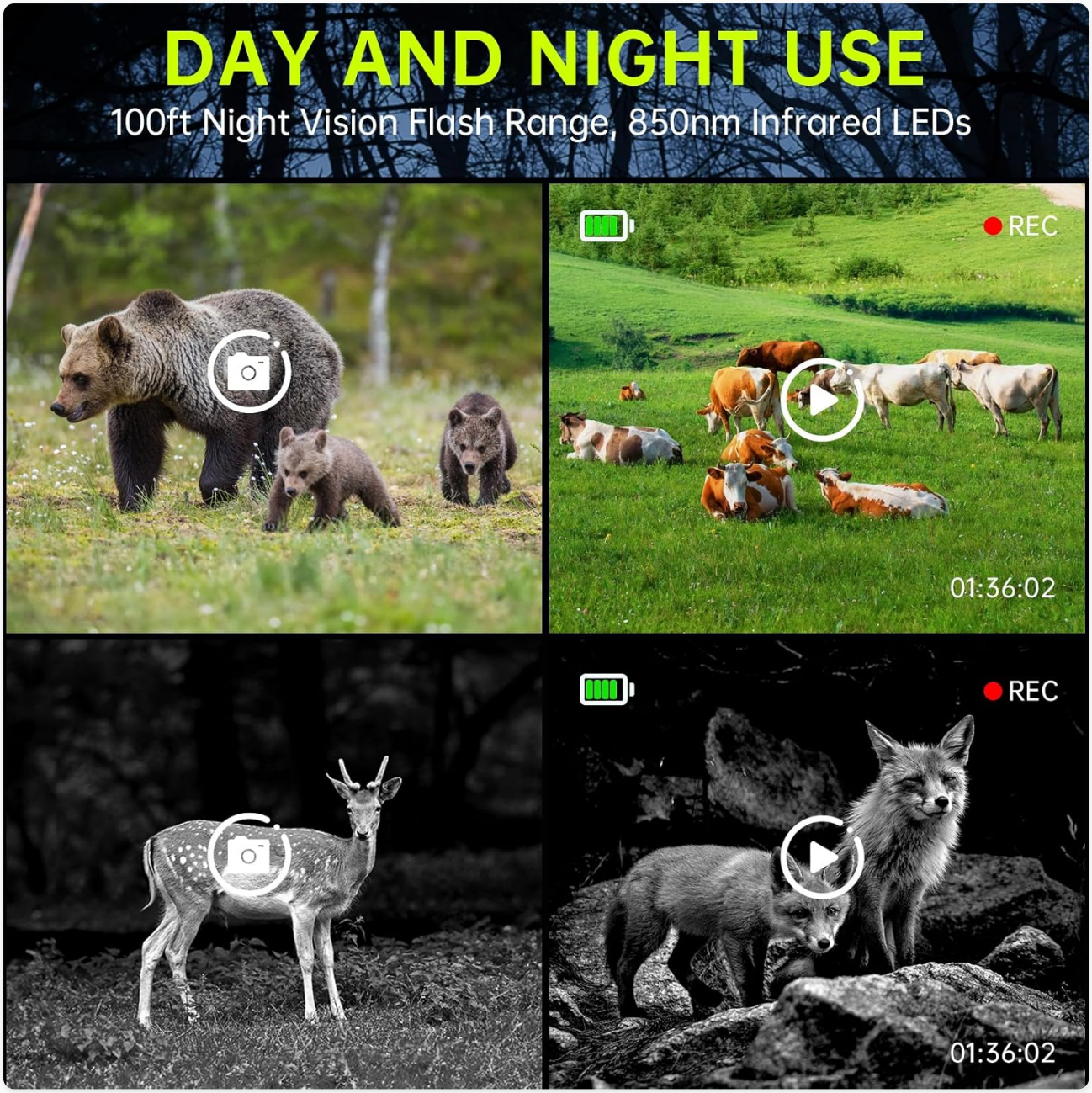

Figure 10: Day and Night vision capabilities of the camera.



Figure 11: Clear night vision up to 100 feet.

Maintenance

1. Waterproof Design

The camera features an IP67 waterproof design, making it suitable for various outdoor environments and resistant to rain and snow. This ensures durability and reliable operation in challenging weather conditions.

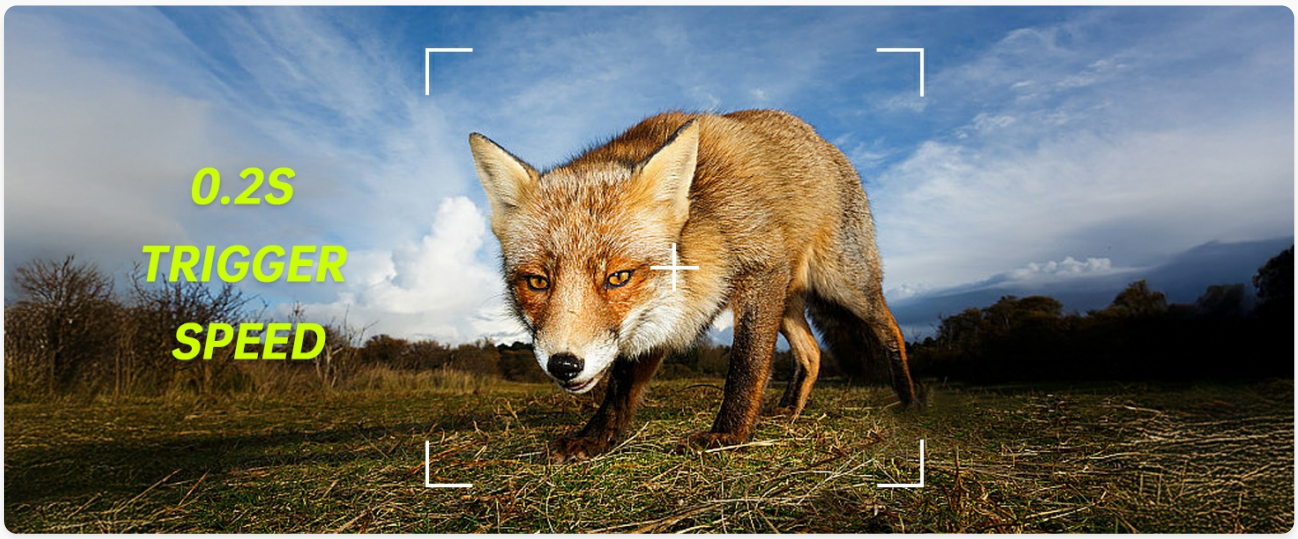

Figure 12: IP67 Waterproofing for all-weather use.

2. Battery Care

The built-in 5000mAh rechargeable battery is designed for long-term use. Ensure the solar panel is positioned to receive adequate sunlight for continuous charging. If using the USB cable for charging, ensure the camera is fully charged before deployment.

Troubleshooting

Common Issues and Solutions:

- **Camera not capturing motion:** Check PIR sensitivity settings in the menu. Ensure the camera is positioned correctly, avoiding obstructions or excessive movement from vegetation.
- **Moisture under lens:** While IP67 rated, extreme temperature fluctuations can sometimes cause condensation. Ensure all seals are properly closed. If the issue persists, contact customer service.
- **Solar panel not charging:** Verify the solar panel is clean and receiving direct sunlight. Check the connection cable between the solar panel and the camera. Ensure the internal battery is not completely depleted, as it may require initial USB charging if so.
- **WiFi connection issues:** Ensure your smartphone is within 45 feet of the camera. Restart both the camera and your phone's WiFi. Confirm you are using the 'TrailCam Go' app and not attempting to connect to a home network.
- **Continuous recording:** Adjust motion detection sensitivity settings. Ensure there are no constant

movements (e.g., swaying branches) within the detection zone that could trigger continuous recording.

Specifications

Feature	Value
Indoor/Outdoor Usage	Outdoor
Compatible Devices	Phone
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi
Controller Type	iOS
Mounting Type	Tree Mount
Video Capture Resolution	4K
Color	Black
Night Vision Range	100 Feet
Viewing Angle	130 Degrees
Water Resistance Level	Waterproof (IP67)
Flash Memory Installed Size	64 GB
Effective Still Resolution	64 MP
Trigger Speed	0.2 seconds

Warranty and Support

Your FKPCAM Trail Camera comes with comprehensive support:

- **Refund Guarantee:** For 90 days after the date of purchase, receive a refund for any reason.
- **Warranty:** 24-month warranty for quality-related issues.
- **Customer Service:** Friendly customer service is available to assist you with any inquiries or issues.

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