K&F CONCEPT 4K 48MP WiFi Trail Camera

K&F Concept 4K 48MP WiFi Trail Camera Instruction Manual

Model: 4K 48MP WiFi Trail Camera

Introduction Package Contents Product Overview Setup Operating Instructions Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides detailed instructions for the K&F Concept 4K 48MP WiFi Trail Camera. This camera is designed for wildlife monitoring, hunting, and property surveillance, offering high-resolution imaging and robust outdoor performance. Please read this manual thoroughly before use to ensure proper operation and to maximize the camera's capabilities.



Figure 1: K&F Concept 4K 48MP WiFi Trail Camera (Camouflage)

2. Package Contents

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

- K&F Concept 4K 48MP WiFi Trail Camera
- 64GB SD Card
- 8 x AA Batteries
- Trail Camera Mount
- Mounting Strap
- USB Cable
- Instruction Manual



Figure 2: Included accessories: camera, SD card, batteries, mount, strap, USB cable, and manual.

3. Product Overview

3.1 External Components



Figure 3: Front view of the camera, highlighting the main lens, infrared LEDs, and motion sensors.

- **Main Lens:** Captures 4K video and 48MP images.
- **Infrared LEDs (940nm):** Provide no-glow night vision for discreet recording.
- **Motion Sensors:** Three broad sensors (center, left, right) detect movement from various directions.
- **Display Screen:** 2.4-inch LCD for menu navigation and media playback.
- **Control Buttons:** Menu, OK, Shot, Replay, Mode, Setup, and directional buttons for navigation.
- **Latches:** Securely close the camera housing, ensuring IP66 waterproofing.
- **Mounting Points:** Integrated loops for the mounting strap and a threaded insert for the adjustable bracket.

3.2 Internal Components and Ports



Figure 4: Interior view of the camera, showing the battery compartment, control panel, SD card slot, and USB port.

- **Battery Compartment:** Holds 8 AA batteries (included).
- **SD Card Slot:** Supports up to 64GB SD cards (64GB card included).
- **USB Port:** For connecting to a computer to transfer files or for external power.
- **Power Switch:** Toggles between OFF, TEST, and ON modes.

4. Setup

4.1 Battery Installation

1. Open the two latches on the side of the camera to access the interior.
2. Remove the battery compartment cover.
3. Insert 8 AA batteries into the designated slots, ensuring correct polarity (+/-).
4. Replace the battery compartment cover and secure the latches.

Important: Ensure batteries are inserted correctly. Incorrect insertion can damage the device. Do not mix old and new batteries or different types of batteries.

4.2 SD Card Insertion

1. Locate the SD card slot on the side of the internal control panel.
2. Insert the provided 64GB SD card into the slot until it clicks into place.
3. To remove, gently push the card in until it springs out.

Note: For first-time use, it is recommended to format the SD card within the camera's settings to ensure compatibility and optimal performance.

4.3 Initial Power On and Basic Settings

1. Slide the power switch from "OFF" to "TEST" mode. The LCD screen will turn on.
2. Use the directional buttons and "OK" button to navigate the menu.
3. Go to "Menu" -> "Format Memory Card" and select "Yes" to format the SD card.
4. Set the current date and time.
5. Adjust basic settings such as photo/video resolution, trigger interval, and sensitivity as desired.

Your browser does not support the video tag.

Video 1: This video demonstrates the steps for setting up the WiFi trail camera, including battery and SD card insertion, formatting the SD card, and connecting to the mobile application.

5. Operating Instructions

5.1 WiFi and Bluetooth Connection (App Control)

The camera features WiFi and Bluetooth connectivity for remote control and media management via a mobile application (iOS/Android).

1. Download the "TrailCamera WiFi" app from your smartphone's app store.
2. Ensure WiFi and Bluetooth are enabled on your phone.
3. On the camera, switch to "TEST" mode.
4. Press and hold the "LEFT" button on the camera for 3 seconds to display WiFi information (SSID and password).
5. Open the app, add the device, and enter the WiFi password displayed on the camera.
6. Once connected, you can view live feed, adjust camera parameters, and download photos/videos directly to your phone within a 10-meter WiFi signal range.
7. After configuring settings or downloading media, switch the camera to "ON" mode for automatic operation.



Figure 5: Step-by-step guide for connecting the camera to the mobile app for remote control and media access.

Caution: To conserve battery life, avoid using "TEST" mode for extended periods. Prolonged use in "TEST" mode can affect WiFi connection and night trigger function when the device enters low power mode.

5.2 Photo and Video Capture

- **Automatic Capture:** In "ON" mode, the camera will automatically capture photos or videos when motion is detected by its sensors.
- **Trigger Speed:** The camera responds to motion with a rapid 0.2-second trigger speed.
- **Image Resolution:** Captures 48MP vibrant still images.
- **Video Resolution:** Records UHD 4K (3840x2160 pixels) video with sound at 30 frames per second.
- **Night Vision:** Enhanced 34pcs 940nm infrared LEDs provide clear images and videos in low-light conditions without disturbing wildlife.
- **Wide Angle Lens:** A 120-degree wide viewing angle captures a broad area, with an 80ft triggering distance.



Figure 6: Example of 4K UHD video capture, showing a deer in its natural habitat.

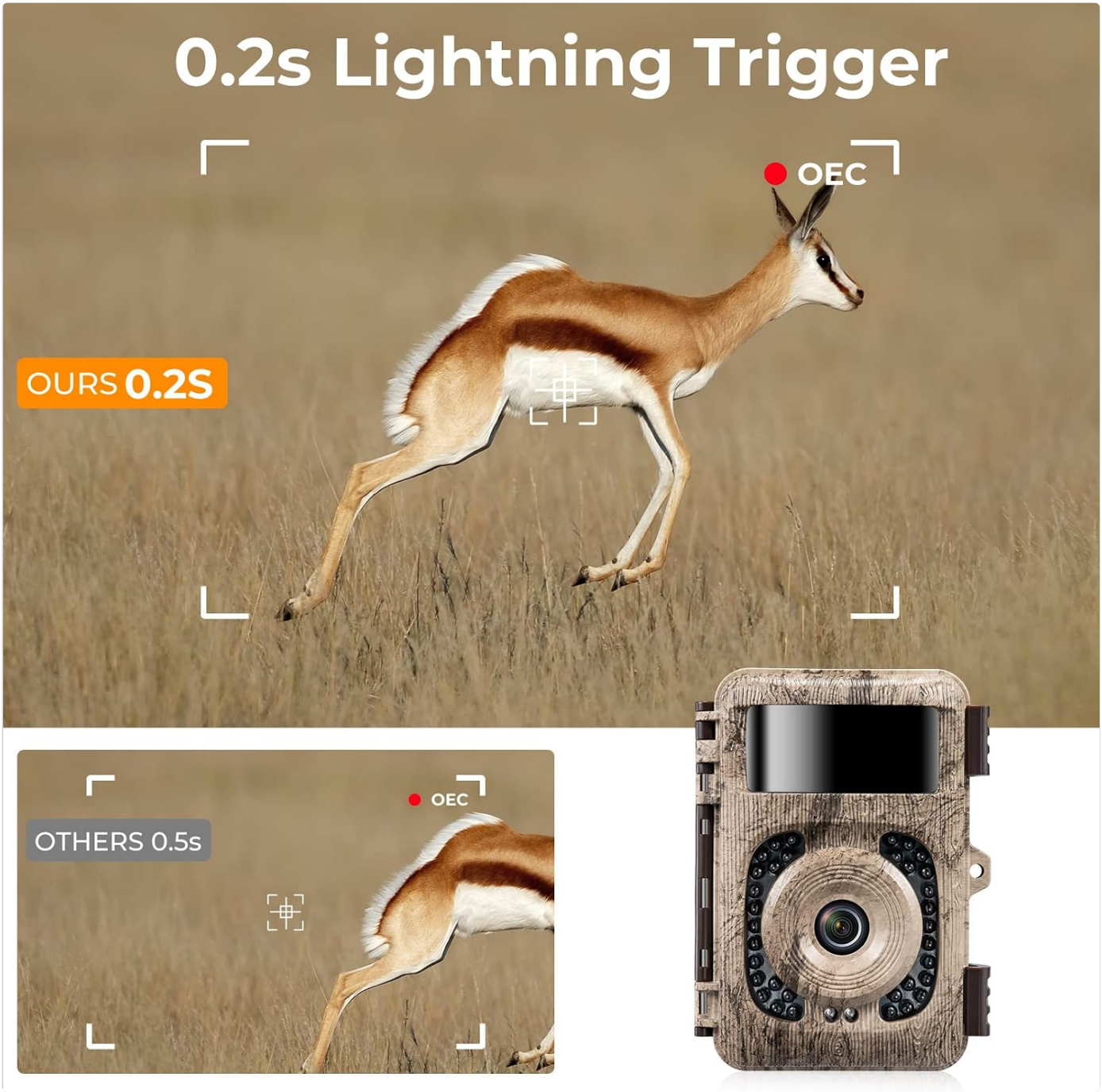


Figure 7: Night vision capability demonstrated with bears in a forest at night, showing clear black and white imagery.

Your browser does not support the video tag.

Video 2: This video showcases the 4K 48MP capabilities and no-glow night vision of the game camera, featuring various wildlife captures.

5.3 Advanced Features

- **Time Stamp:** Records date, time, and temperature on captured media.
- **Time-Lapse:** Configure the camera to capture images at set intervals.
- **Sensitivity Levels:** Adjust motion sensor sensitivity (Low, Medium, High) to suit environmental conditions and target subjects.

6. Maintenance

6.1 Waterproofing and Durability

The camera is rated IP66 waterproof, ensuring protection against dust and strong jets of water. This makes it suitable for

complex outdoor environments, including rain forests.

- Always ensure the latches are securely closed to maintain waterproofing.
- Avoid submerging the camera in water.
- Operating temperature range: -20°C to 60°C.



Figure 8: The camera's IP66 waterproof design allows it to function reliably in rainy conditions.

6.2 Battery Life and Storage

The camera offers a standby time of up to 6 months on a fresh set of 8 AA batteries. Battery life can vary based on usage, temperature, and settings (e.g., frequent triggers, video length, WiFi usage).

- Check battery levels regularly, especially before deploying the camera for extended periods.
- Use high-quality alkaline or rechargeable AA batteries for best performance.
- When storing the camera for long periods, remove the batteries to prevent leakage.

6.3 Cleaning

- Wipe the camera's exterior with a soft, damp cloth.
- Use a lens cleaning cloth to gently clean the camera lens and infrared sensors.
- Do not use harsh chemicals or abrasive materials.

7. Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on	Low or dead batteries; incorrect battery insertion.	Replace batteries with new ones; ensure correct polarity.
Poor image/video quality	Dirty lens; low light conditions; incorrect resolution settings.	Clean the lens; adjust resolution settings in the menu or app; ensure sufficient lighting for desired quality.
Motion sensor not triggering	Incorrect sensitivity setting; obstruction in front of sensors; camera in "OFF" or "TEST" mode.	Increase sensor sensitivity; clear obstructions; ensure camera is in "ON" mode.
WiFi connection issues	Out of range (beyond 10m); incorrect password; camera in low power mode.	Move closer to the camera; re-enter WiFi password; ensure camera is not in low power mode (check battery level).
SD card error	Card not formatted; incompatible card; faulty card.	Format the SD card in the camera; use a compatible SD card (up to 64GB); try a different SD card.

8. Specifications

Feature	Detail
Image Resolution	48MP
Video Resolution	4K (3840x2160) @ 30fps, MPEG-4
Trigger Speed	0.2 seconds
Night Vision	No Glow Infrared (34pcs 940nm IR LEDs)
Detection Distance	Up to 80 feet
Viewing Angle	120 degrees
Waterproof Rating	IP66
Power Source	8 x AA Batteries
Storage	SD Card (up to 64GB)
Connectivity	WiFi, Bluetooth (App Control)
Display	2.4-inch LCD
Operating Temperature	-20°C to 60°C

Feature	Detail
Dimensions	7.09 x 6.3 x 3.66 inches
Weight	1.81 pounds
Color	Camouflage

9. Warranty & Support

K&F Concept products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included in your package or visit the official K&F Concept website.

Manufacturer: Shenzhen Zhuoer Photograph

Date First Available: May 15, 2023

© 2023 K&F Concept. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question