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K&F CONCEPT KF35.146S1

K&F Concept 48MP 4K Trail Camera User Manual

Model: KF35.146S1 | Brand: K&F CONCEPT

Product Overview

The K&F Concept 48MP 4K Trail Camera is designed for wildlife monitoring and surveillance, capturing high-resolution photos and videos. It features a motion detection system, night vision capabilities, and an LCD screen for easy operation. Its robust, waterproof design ensures reliable performance in various outdoor conditions.

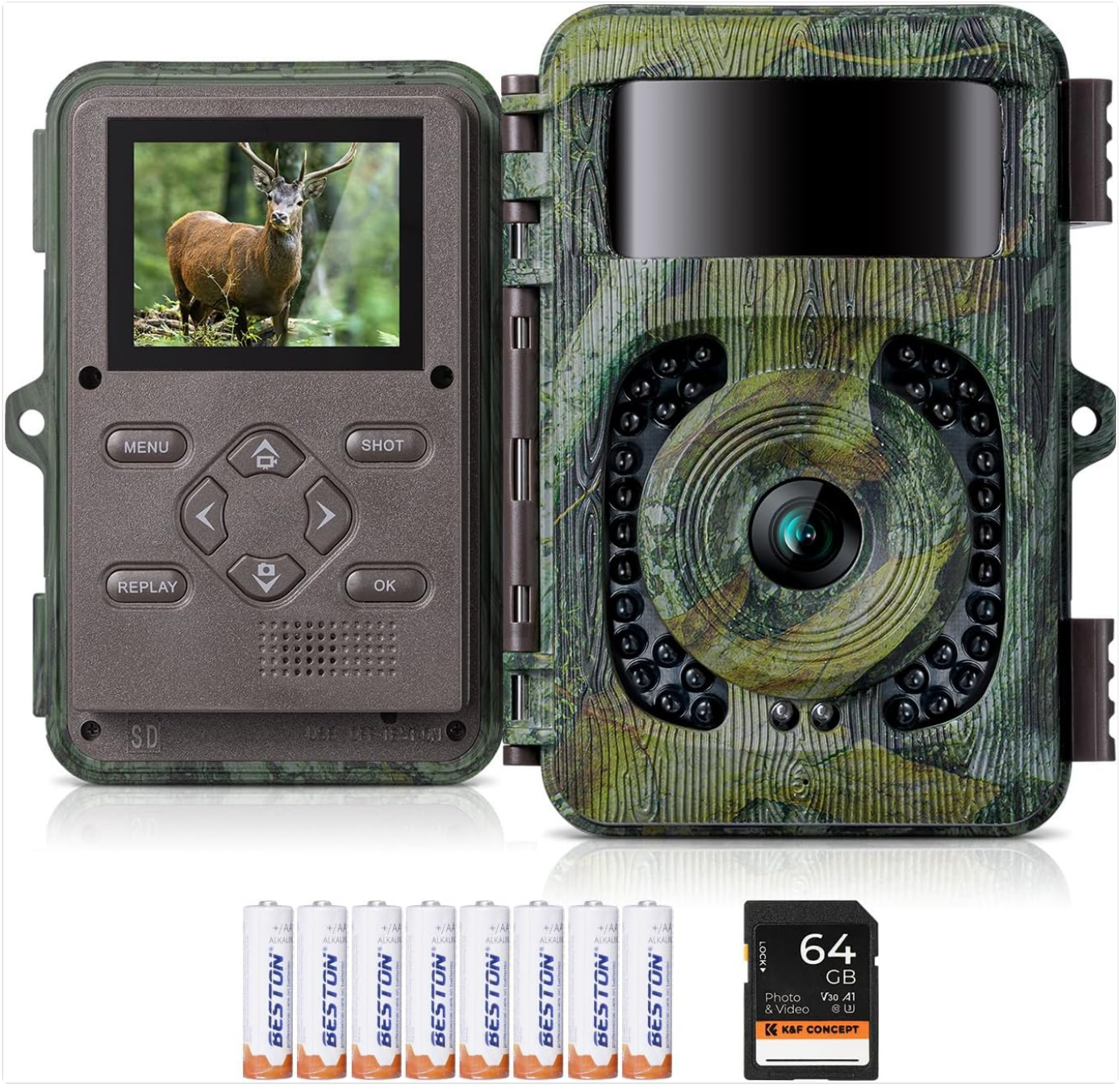


Image: Front view of the K&F Concept 48MP 4K Trail Camera, highlighting its compact design and primary lens.

Key Features

- **Ultra HD 48MP Photos and 4K Videos:**Records images up to 48 MP and 4K audio video, providing clear and vivid details of wildlife day and night.
- **Ultra-fast 0.2s Trigger Time:** Integrated high-sensitivity PIR sensor with a detection range up to 120° and a distance of 25m. The camera triggers instantly upon motion detection.
- **Adjustable & Easy to Use:** Equipped with an adjustable mount for a 45° tilt and a serrated bracket for secure attachment.
- **IP66 Waterproof:** High-density waterproof materials and a compact design ensure IP66 water and dust resistance, suitable for harsh weather conditions.
- **Multiple Shooting Modes:** Supports Photo, Video, and Photo + Video modes, along with time-lapse, operating hours, sound recording, programmable date/time, loop recording, and password protection.
- **Storage:** Compatible with SDHC / SDXC memory cards up to 512GB.

Package Contents

Please check the package for the following items:

- K&F Concept 48MP 4K Trail Camera (Model KF35.146S1)
- 64GB U3 SD Card
- 8 x AA Alkaline Batteries
- Tree Tripod
- Micro-USB to USB Cable
- Mounting Strap
- User Manual

Setup

1. Battery Installation

1. Open the battery compartment cover located at the bottom or side of the camera.
2. Insert 8 AA alkaline batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely to maintain the IP66 waterproof rating.

2. SD Card Insertion

1. Locate the SD card slot, typically inside the camera's main housing.
2. Insert the provided 64GB U3 SD card (or another compatible SDHC/SDXC card up to 512GB) into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.
3. Before closing the camera, ensure the write-protection tab on the SD card is in the 'unlocked' position.

3. Mounting the Camera

1. Use the included mounting strap to secure the camera to a tree or pole. Thread the strap through the camera's mounting brackets and tighten it firmly.
2. Alternatively, attach the camera to the provided tree tripod. The adjustable mount allows for tilting the camera up to 45° to achieve the desired viewing angle. The serrated bracket ensures stable positioning.
3. Position the camera to cover the desired area, considering the 120° wide-angle motion detection range and a detection distance of up to 25m.

Operating Instructions

1. Powering On/Off

- To power on, slide the power switch to the 'ON' position. The LCD screen will illuminate.
- To power off, slide the power switch to the 'OFF' position.

2. Mode Selection

The camera offers three primary shooting modes:

- **Photo Mode:** Captures still images when motion is detected.
- **Video Mode:** Records video clips when motion is detected.
- **Photo + Video Mode:** Captures a still image followed by a video clip upon motion detection.

Use the mode switch or menu options to select your desired mode.

3. Menu Navigation and Settings

Access the camera's menu via the LCD screen and control buttons to configure various settings:

- **Date and Time:** Set the current date and time for accurate timestamps on recordings.
- **Time-Lapse:** Configure the camera to capture images at set intervals.
- **Operating Hours:** Define specific periods for the camera to be active.
- **Sound Recording:** Enable or disable audio recording for video clips.
- **Loop Recording:** When enabled, the camera will overwrite the oldest files when the memory card is full.
- **Password Protection:** Set a password to prevent unauthorized access to camera settings and files.

4. Motion Detection (PIR Sensor)

The camera's Passive Infrared (PIR) sensor detects heat signatures of moving objects. Once motion is detected within its 120° range and up to 25m distance, the camera will trigger within 0.2 seconds to capture the event.

Maintenance

1. Battery Replacement

When the battery indicator on the LCD screen shows only one cell, replace all 8 AA batteries immediately. Low battery power can affect night vision triggering and overall camera performance.

2. Cleaning

- Gently wipe the camera lens and PIR sensor window with a soft, lint-free cloth to remove dust or smudges.
- Clean the camera body with a damp cloth. Avoid using harsh chemicals or abrasive materials.

3. Weather Protection

The camera is designed with an IP66 waterproof rating. Ensure all covers (battery compartment, USB port, SD card slot) are properly sealed to maintain water and dust resistance, especially before outdoor deployment.

Troubleshooting

- **Camera not powering on:** Check if batteries are inserted correctly with proper polarity. Ensure batteries have sufficient charge.
- **Poor night vision performance:** Replace batteries if they are low. Ensure the night vision LEDs are not obstructed.
- **No recordings:** Verify that the SD card is inserted correctly and is not full. Check if the camera is in the correct shooting mode (Photo, Video, or Photo + Video). Ensure the PIR sensor is not obstructed and is detecting motion.
- **Images/Videos are blurry:** Clean the camera lens. Ensure the camera is securely mounted to prevent movement.
- **Camera not detecting motion:** Check the PIR sensitivity settings in the menu. Ensure the detection area is clear of obstacles that might cause false triggers or block detection.

Specifications

Model Number	KF35.146S1
Photo Resolution	Up to 48 MP

Video Resolution	4K
Trigger Speed	0.2 seconds
PIR Detection Angle	120 Degrees
PIR Detection Distance	Up to 25 meters
Waterproof Rating	IP66
Display	LCD Screen
Storage	SDHC / SDXC card (up to 512GB)
Power Source	8 x AA Batteries (Zinc composition)
Connectivity Technology	Wi-Fi
Dimensions (L x W x H)	17 x 15 x 9 cm
Weight	820 grams

Warranty and Support

For warranty information and technical support, please refer to the official K&F Concept website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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