CEYOMUR CY50

CEYOMUR CY50 2K HD Trail Camera User Manual

Model: CY50

1. Introduction

Thank you for choosing the CEYOMUR CY50 2K HD Trail Camera. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance. The CY50 is designed for wildlife monitoring, outdoor surveillance, and home security, offering high-resolution images and videos with advanced features like infrared night vision and motion activation.



Image 1.1: The CEYOMUR CY50 Trail Camera, showcasing its waterproof design and camouflage finish.

2. Package Contents

Please verify that all items are present in your package:

- 1 x CEYOMUR CY50 Trail Camera
- 1 x Mounting Strap
- 1 x Mounting Bracket
- 1 x USB Cable
- 1 x User Manual (this document)
- Screws for mounting

Note: SD card and AA batteries are not included and must be purchased separately.



Image 2.1: All components included in the CEYOMUR CY50 Trail Camera package.

3. Camera Components

Familiarize yourself with the key parts of your CEYOMUR CY50 Trail Camera:

- **Front Panel:** Features the main lens, PIR motion sensor, and infrared LEDs for night vision.
- **Internal Display:** A 2-inch LCD screen for menu navigation, settings adjustment, and playback.
- **Control Buttons:** Located next to the display for easy operation.
- **Battery Compartment:** Houses 8 AA batteries (not included).
- **SD Card Slot:** Located on the side for convenient access and secure data storage.
- **External Power Port:** For optional external power supply (6V/1.5A; DC-IN plug size: 3.5 mm*1.35 mm/1.3 mm).
- **Lock Hole:** Provides security against theft and protects the SD card.



Image 3.1: The CEYOMUR CY50 Trail Camera with its front panel open, revealing the LCD screen and control interface. The side SD card slot is also visible.

4. Installation and Setup

4.1 Battery Installation

1. Open the camera's casing.
2. Locate the battery compartment.
3. Insert 8 new AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment securely.

Recommendation: Use high-quality alkaline or rechargeable AA batteries for optimal performance, especially in cold weather or for extended night operation.

4.2 SD Card Installation

1. With the camera powered off, locate the SD card slot on the side of the camera.
2. Insert a Class 10 or higher SD card (up to 256GB, not included) into the slot until it clicks into place.
3. To remove, push the SD card in again until it clicks, then release.

4.3 Mounting the Camera

The camera can be mounted using the included strap or mounting bracket.

- **Strap Mounting:** Thread the mounting strap through the slots on the back of the camera and secure it around a tree or pole.
- **Bracket Mounting:** Attach the mounting bracket to a wall or surface using the provided screws. Then, secure the camera to the bracket.

Ensure the camera is positioned to capture the desired area, with the lens and screen facing the same direction for easy angle adjustment.



Image 4.1: The CEYOMUR CY50 Trail Camera securely mounted on a tree, blending into its natural environment.

5. Operating Instructions

5.1 Powering On/Off and Mode Selection

1. Open the camera casing.
2. Slide the power switch to the 'ON' position to power on the camera.
3. Use the mode button to select between Photo, Video, or Photo+Video modes.
4. To power off, slide the switch to the 'OFF' position.

5.2 Navigating the Menu

Use the control buttons (Up, Down, Left, Right, OK, Menu) to navigate the on-screen menu and adjust settings such as:

- **Resolution:** Select photo resolution (up to 36MP) and video resolution (up to 2K 30fps).
- **PIR Sensitivity:** Adjust the motion sensor's sensitivity (Low, Medium, High) based on environmental conditions.
- **Trigger Interval:** Set the delay between consecutive triggers.
- **Time-Lapse:** Enable time-lapse photography for extended observation.
- **Audio Recording:** Turn audio recording on or off for videos.
- **Timestamp:** Include date, time, and temperature on captured media.
- **Password Protection:** Set a password to protect camera access and data.

5.3 Capturing Images and Videos

Once configured, the camera will automatically capture photos or videos when motion is detected by the PIR sensor. The fast trigger speed (0.3 seconds) ensures that moving subjects are captured effectively.



Image 5.1: Visual comparison demonstrating the enhanced detail captured by the 36MP resolution setting.



Image 5.2: The camera's rapid trigger speed captures fast-moving wildlife, such as this kangaroo.

5.4 Night Vision Performance

The CEYOMUR CY50 features 36 built-in 850nm infrared LEDs and an automatic IR filter, enabling it to capture clear black and white images and videos in low-light conditions or complete darkness.

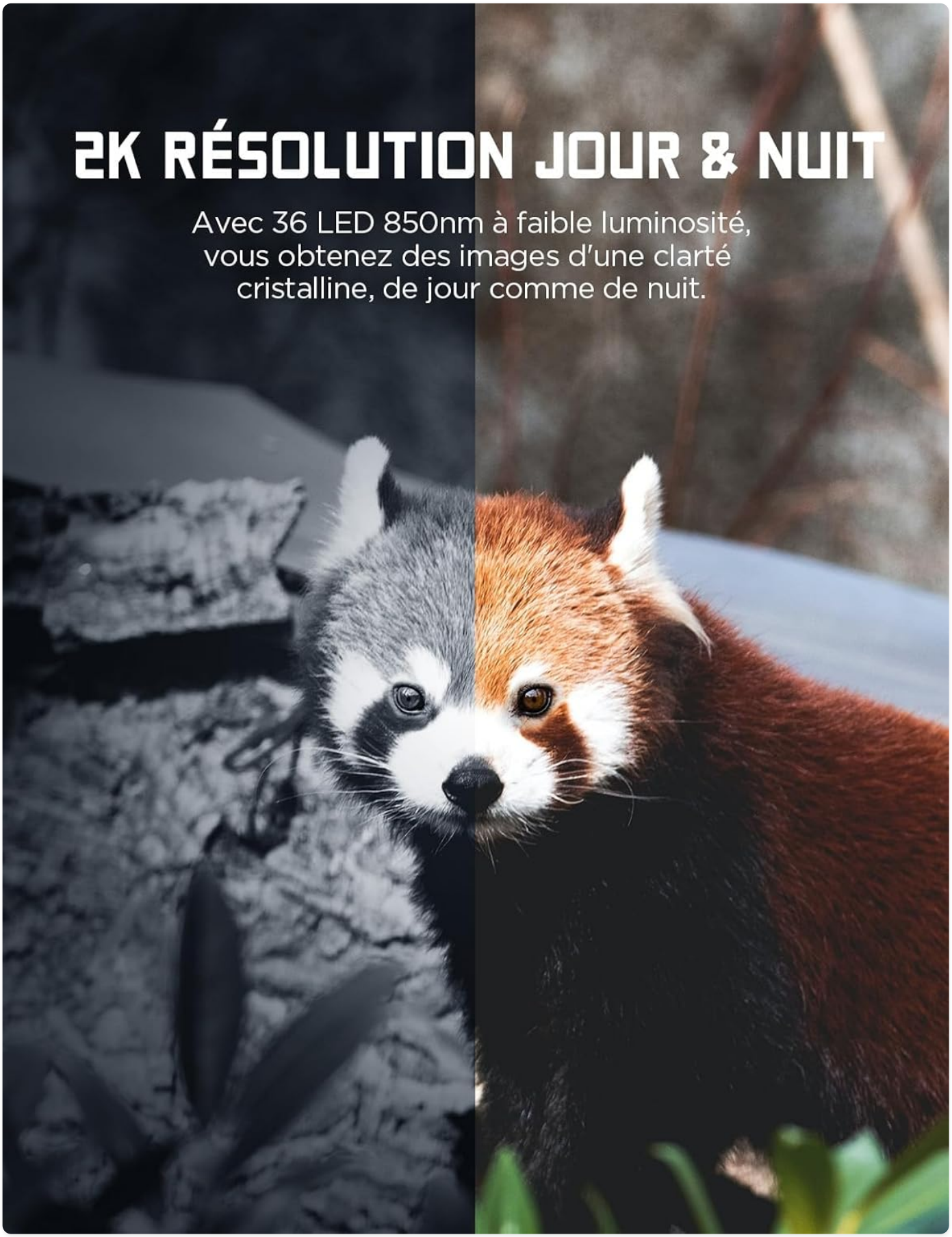


Image 5.3: Day and night capture comparison, highlighting the camera's 2K resolution and infrared night vision capabilities.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners.

- **Battery Replacement:** Replace batteries when the low battery indicator appears or when performance degrades.
- **SD Card Management:** Regularly format the SD card in the camera's menu to ensure optimal performance and prevent data corruption. Back up important files before formatting.
- **Storage:** When not in use for extended periods, remove batteries and store the camera in a cool, dry place.

The camera's IP66 waterproof rating ensures protection against dust and strong jets of water, but it should not be submerged.

7. Troubleshooting

- **Camera not powering on:**
  - Ensure batteries are inserted correctly with proper polarity.
  - Check if batteries are fully charged or replace them with new ones.
  - Verify the power switch is in the 'ON' position.
- **Poor night vision performance:**
  - Ensure batteries have sufficient power; low battery can affect IR performance.
  - Clean the IR LED panel and lens to remove any obstructions.
  - Ensure there are no reflective surfaces too close to the camera that could cause IR glare.
- **No photos/videos captured:**
  - Check if the SD card is properly inserted and has sufficient free space.
  - Format the SD card using the camera's menu.
  - Adjust PIR sensitivity to 'High' if subjects are frequently missed.
  - Ensure the camera is in the correct operating mode (Photo, Video, or Photo+Video).
- **Short battery life:**
  - Use high-quality alkaline or rechargeable AA batteries.
  - Reduce the number of photos per trigger or video length in settings.
  - Consider using an external 6V/1.5A power supply for continuous operation.

8. Specifications

Feature	Specification
Model Name	CY50
Photo Resolution	Up to 36MP
Video Resolution	2K (2560x1440) @ 30fps, 1080p
Trigger Speed	0.3 seconds
Night Vision	36 x 850nm Infrared LEDs
Water Resistance	IP66 (Waterproof)
Detection Angle	90 Degrees
Display Screen	2.0-inch LCD

Feature	Specification
Storage	SD Card (Class 10 or higher, up to 256GB, not included)
Power Source	8 x AA Batteries (not included) or 6V/1.5A DC external power
Dimensions (L x W x H)	21.6 x 12.5 x 28 cm
Weight	570 grams
Material	Rubber
Connectivity Technology	Wired
Recommended Uses	Wildlife Surveillance, Hunting, Farm Monitoring, Home Security

9. Warranty and Support

CEYOMUR provides a professional service guarantee for this product. If you encounter any questions or issues with your CY50 Trail Camera, please contact CEYOMUR customer support. Our team is dedicated to providing timely solutions and ensuring your satisfaction.

For support, please refer to the contact information provided with your purchase or visit the official CEYOMUR website.

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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.

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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

Answered questions about this manual

How can I increase the motion sensor sensitivity on the CEYOMUR CY50 trail camera?

To increase the motion sensor sensitivity on your CEYOMUR CY50 trail camera, follow these steps:Open the camera casing and slide the power switch to the ON (or SETUP) position.Press the Menu button to access...

Read full answer

How can I view the photos and videos recorded overnight on my CEYOMUR CY50 trail camera?

To view the recordings on your CEYOMUR CY50 trail camera, you have two primary methods: using the built-in screen or connecting to a computer.Using the Internal Display: Open the camera casing and slide the...

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