CEYOMUR CY50

CEYOMUR CY50 Wildlife Camera User Manual

Model: CY50 | Brand: CEYOMUR

Introduction

The CEYOMUR CY50 Wildlife Camera is designed for capturing high-quality photos and videos of wildlife, for security monitoring, or for general outdoor observation. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance and longevity. Please read this manual thoroughly before using the camera.



Image: The CEYOMUR CY50 Wildlife Camera in its natural environment, showcasing its robust and waterproof design.

Package Contents

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

customer support.

- 1 x CEYOMUR CY50 Wildlife Camera
- 1 x Tree Strap
- 1 x Metal Mounting Bracket
- 1 x 1/4" Thread Mounting Arm
- 3 x Wall Plugs
- 3 x Screws
- 1 x USB-C Cable
- 4 x AA Batteries (for initial use)
- 1 x User Manual
- 1 x 32GB SD Card



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

Setup

1. Battery Installation

The camera requires 4 or 8 AA batteries for operation. For extended standby time, 8 AA batteries are recommended. Ensure correct polarity when inserting batteries.

1. Open the camera housing latch.
2. Locate the battery compartment.
3. Insert 4 or 8 AA batteries, matching the positive (+) and negative (-) indicators.
4. Close the battery compartment securely.

2. SD Card Installation

A 32GB SD card is included. The camera supports SD cards up to 32GB.

1. With the camera housing open, locate the SD card slot on the side.
2. Insert the SD card with the metal contacts facing down until it clicks into place.
3. To remove, press the SD card gently until it pops out.



Image: The camera's integrated design with the LCD screen and lens on the same side, and the side-loading SD card slot.

3. Mounting the Camera

The camera can be mounted using the included tree strap or the metal bracket and mounting arm.

- **Tree Strap:** Thread the strap through the slots on the back of the camera and secure it around a tree or pole.
- **Mounting Bracket:** Attach the metal bracket to a wall or flat surface using the screws and wall plugs. Then, attach the camera to the bracket using the 1/4" thread mounting arm.

Position the camera to ensure a clear view of the desired monitoring area, keeping in mind the 90-degree detection range of the PIR sensor.

Operating Instructions

1. Power On/Off

To power on the camera, slide the power switch to the "ON" position. The LCD screen will activate. To power off, slide the switch to "OFF".

2. Menu Navigation

Use the control buttons next to the LCD screen to navigate through the menu options. The LCD screen allows for convenient viewing and setting adjustments.

- **OK/Shot:** Confirm selection or manually take a photo/video.
- **Up/Down:** Navigate through menu options.
- **Left/Right:** Adjust settings values.
- **Menu:** Access the main menu.
- **Playback:** Review captured photos and videos.

3. Photo and Video Settings

The camera offers various resolution and recording options:

- **Photo Resolution:** Options include 3MP, 5MP, 10MP, 12MP, 14MP, 16MP, 20MP. Some models may support up to 36MP.
- **Video Resolution:** Options include 480P, 720P, 1080P. Some models may support 2K.
- **Video Recording Time:** Adjustable from under a minute to 10 minutes.
- **Photo + Video Mode:** Capture both a photo and a video clip when triggered.



Image: Example of a high-resolution image captured by the camera.

4. PIR Sensor and Trigger Speed

The advanced PIR (Passive Infrared) sensor detects motion up to 65 feet away with a 90-degree detection angle. The camera features a fast trigger speed of 0.3 seconds.

- **PIR Sensitivity:** Adjust between High, Middle, and Low settings to suit environmental conditions and minimize false triggers.
- **PIR Interval:** Set the delay between triggers from 30 seconds to 30 minutes.



Image: Night vision capability with 850nm IR LEDs, capturing clear images in low light.

5. Night Vision

The camera is equipped with 36-piece 850 nm Low Glow IR LEDs and an automatic IR filter for clear night vision. This allows for capturing photos and videos in complete darkness without disturbing wildlife.

6. Additional Features

- **Time-Lapse:** Set the camera to take pictures at specified intervals.
- **Audio Recording:** Enable or disable audio capture with video.
- **Password Protection:** Set a password to prevent unauthorized access to camera settings and files.
- **Timestamp:** Photos and videos can be stamped with date and temperature information.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and housing. Avoid abrasive cleaners or solvents. Ensure the camera is off and dry before cleaning.
- **Battery Replacement:** Replace all batteries simultaneously. Do not mix old and new batteries or different battery types. Dispose of used batteries responsibly.
- **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 away from direct sunlight.

Troubleshooting

- **Camera not powering on:**
  - Check if batteries are inserted correctly with proper polarity.
  - Ensure batteries have sufficient charge.
  - Verify the power switch is in the "ON" position.
- **No photos/videos captured:**
  - Ensure the SD card is inserted correctly and has free space.
  - Check PIR sensitivity settings; adjust to "High" if needed.
  - Verify the camera is in the correct operating mode (Photo, Video, or Photo+Video).
  - Ensure the PIR interval is not set too long.
- **Poor image/video quality:**
  - Clean the camera lens.
  - Check resolution settings and ensure they are set to desired levels.
  - For night vision issues, ensure there are no obstructions in front of the IR LEDs.
- **False triggers:**
  - Reduce PIR sensitivity (e.g., to "Low" or "Middle").
  - Avoid pointing the camera at areas with moving branches, tall grass, or direct sunlight.

Specifications

Model Name	CY50
Brand	CEYOMUR
Photo Resolution	Up to 20MP (Options: 3MP, 5MP, 10MP, 12MP, 14MP, 16MP, 20MP)
Video Resolution	Up to 1080P (Options: 480P, 720P, 1080P)
Trigger Speed	0.3 seconds
PIR Detection Range	Up to 65 feet (20 meters)
PIR Detection Angle	90 degrees
Night Vision	36-piece 850nm Low Glow IR LEDs
Waterproof Rating	IP66
Memory Capacity	Supports SD card up to 32GB (32GB card included)
Power Source	4 or 8 AA Batteries
Connectivity Technology	Wireless (Wi-Fi mentioned in specs, but not primary feature)
Control Method	Buttons, LCD Screen
Item Dimensions	14.5 x 10.2 x 7.1 cm
Item Weight	285 Grams

Warranty and Support

CEYOMUR products are designed for reliability and performance. For warranty information, technical support, or assistance with your CY50 Wildlife Camera, please refer to the contact information provided on the product packaging or visit the official CEYOMUR website. Keep your purchase receipt as proof of purchase for warranty claims.

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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

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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