**CEYOMUR CY75**

# CEYOMUR CY75 Solar Trail Camera User Manual

## Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your CEYOMUR CY75 Solar Trail Camera. Please read this manual thoroughly before using the camera to ensure optimal performance and longevity.

## Product Overview

The CEYOMUR CY75 is a high-performance solar-powered trail camera designed for outdoor surveillance and wildlife monitoring. It features 4K video recording, 64MP photo resolution, WiFi 6 connectivity, and robust IP66 waterproofing.

### Key Features:

- **Solar and Dual Power:** Integrated 5200mAh battery with solar panel charging. Supports four backup AA batteries (not included) for extended operation.
- **High Resolution Imaging:** Captures ultra-sharp 64MP photos and smooth 4K Ultra HD videos at 30 fps with 850nm infrared LEDs for excellent night vision.
- **Wide Detection & Fast Trigger:** Equipped with 3 PIR sensors for a 120° ultra-wide detection range and a rapid 0.1s trigger speed. Adjustable detection range from 60° to 120°.
- **Integrated Wi-Fi 6:** Connects to your phone via the "TrailCam Go" app for faster and more stable file transfer within a 10-meter range (unobstructed environment).
- **User-Friendly Design:** Adjustable solar panel angle, integrated lens and screen on the same side for intuitive use, and IP66 waterproof rating.
- **Ready to Use:** Includes a 64GB SD card, USB Type-C data cable, and strap. Features timestamp, anti-theft lock hole, and password data protection.

### Camera Components:

Familiarize yourself with the main components of your CEYOMUR CY75 camera.




**Image:** Diagram showing the main components of the CEYOMUR CY75 trail camera, including the adjustable solar panel, supplementary camera, locking hole, LCD screen, and side SD card slot.

- **A. Adjustable Solar Panel:** Provides continuous power and protects the lenses.
- **B. Screen and Lens on Same Side:** Allows for easy camera position adjustment.
- **C. Supplementary Camera & Locking Hole:** For added data protection and security.
- **D. Side SD Card Slot:** Reduces the possibility of dropping the card.

## Setup

### 1. Initial Preparation:

- Insert the provided 64GB SD card into the side SD card slot.
- Ensure the internal 5200mAh battery is charged. The camera can also be powered by four AA backup batteries (not included).

### 2. Camera Installation:

Choose an optimal location for your camera to capture desired footage. Consider factors like sunlight exposure for the solar panel and potential animal pathways.

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**Video:** This video demonstrates the setup process for the CEYOMUR CY75 trail camera, including turning it on, connecting to the app, and physical installation methods.

#### Option 1: Using the Provided Strap

1. Thread the strap through the camera's mounting points.
2. Securely fasten the camera to a tree or pole using the strap.
3. Adjust the angle of the solar panel to prevent accumulation of rainwater, fallen leaves, and dust, ensuring optimal charging.




**Image:** The CEYOMUR CY75 trail camera securely mounted to a tree using the included strap, showcasing its camouflage design and solar panel.

### Option 2: Using an Iron Mount (Not Included)

1. Screw the iron mount (not included) into a tree or other stable surface.
2. Attach the camera to the iron mount.
3. Adjust the angle of the solar panel for optimal sunlight exposure and to prevent debris accumulation.

## Operating Instructions

The CEYOMUR CY75 camera can be controlled and monitored via the "TrailCam Go" mobile application.

### 1. Connecting to the App:

1. Switch the camera to the "ON" mode.
2. Download and open the "TrailCam Go" app on your smartphone.
3. Click the "+" icon in the app to add a device.
4. Select "Wi-Fi Camera" from the device type options.
5. Confirm the camera found by the app (e.g., "CY75_XXXX") and connect to it.

6. Join the camera's Wi-Fi network when prompted by your phone.
7. Set a device name for your camera in the app.




**Image:** A smartphone displaying the "TrailCam Go" app interface, connected to the CEYOMUR trail camera via Wi-Fi 6 for fast file transfer.

### 2. Adjusting Camera Settings:

Once connected, you can modify various camera settings through the app:

- **Working Mode:** Configure the camera to take photos, videos, or both.
- **Photo and Video Settings:** Adjust resolution (up to 64MP for photos, 4K for videos), photo burst, and video length.
- **Motion Detection:** Customize sensitivity (low, medium, high) and enable/disable lateral PIR sensors to adjust the detection range (60° to 120°).
- **Work Time:** Set specific operating hours or full-time operation.
- **Device Language:** Change the language of the camera interface.
- **Security:** Set a password for data protection.

### 3. Viewing and Downloading Media:

- In the app, navigate to the "Gallery" section to preview captured photos and videos.
- You can download selected media directly to your smartphone.
- Use the "Camera" option in the app to view a live feed and check the camera's field of view.

## Maintenance

- **Cleaning:** Regularly clean the solar panel to ensure efficient charging. Wipe the lens and sensors with a soft, dry cloth to maintain image clarity.
- **Weather Protection:** The camera has an IP66 waterproof rating, protecting it from rain and dust. However, avoid submerging the camera in water.
- **Battery Management:** The integrated 5200mAh battery is recharged by the solar panel. For prolonged use or in low-light conditions, ensure backup AA batteries are installed and replaced as needed.
- **SD Card:** Periodically format the SD card to prevent data corruption and ensure optimal recording performance. Back up important files before formatting.

## Troubleshooting

## Common Issues and Solutions:

- **Camera Not Turning On:**
  - Check battery level. Ensure the internal battery is charged or replace backup AA batteries.
  - Verify the camera is switched to the "ON" position.
- **Wi-Fi Connection Issues:**
  - Ensure your smartphone is within 10 meters of the camera (unobstructed).
  - Restart both the camera and your phone.
  - Check if Bluetooth is enabled on your phone for initial connection.
  - If the app is slow, try removing the SD card and accessing files directly via a computer.
- **Poor Image/Video Quality:**
  - Clean the camera lens and PIR sensors.
  - Ensure the camera is placed in an area with adequate lighting (for daytime) or within the effective range of night vision (for nighttime).
  - Adjust resolution settings in the app to higher values.
- **Motion Detection Not Working:**
  - Check motion detection sensitivity settings in the app.
  - Ensure PIR sensors are not obstructed.
  - Verify the camera's working mode is set to capture photos/videos on motion detection.
- **Solar Panel Not Charging:**
  - Ensure the solar panel is clean and free from debris.
  - Adjust the solar panel angle to maximize direct sunlight exposure.
  - Verify the camera is placed in an area that receives sufficient sunlight.

## Specifications

| Feature | Specification |
|---|---|
| Brand | CEYOMUR |
| Model Name | CY75 |
| Connectivity Technology | Wi-Fi 6, Bluetooth |
| Special Features | 4K Videos; Solar Powered; Wi-Fi 6 for faster transmission |
| Usage | Outdoor Security, Wildlife Monitoring |
| Compatible Devices | Smartphone |
| Power Source | Battery Powered, Solar Powered |
| Effective Photo Resolution | 64 Megapixels |
| Video Resolution | 4K (2160p) |
| Frame Rate | 30fps |

| | |
|---|---|
| Video Capture Format | MP4 |
| Night Vision Range | 20 Meters (Thermal Detection) |
| Number of IR LEDs | 40 |
| International Protection Rating | IP66 |
| Max Shutter Speed | 0.1s |
| Field of View | 120 Degrees |
| Optical Sensor Technology | CMOS |
| Installed Flash Memory Size | 64 GB |
| Color | Camouflage |
| Item Dimensions | 14.2 x 10.7 x 9.4 cm |
| Power Consumption | 8.12 Watts |
| Battery Capacity | 5200mAh (integrated) |

## Warranty and Support

CEYOMUR is committed to providing quality customer service. If you encounter any difficulties or have questions during use, please do not hesitate to contact us. We will assist you with the utmost care, quickly and efficiently, for an optimal user experience.

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