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> [CEYOMUR CY70 4G LTE Solar Trail Camera User Manual](#)

CEYOMUR CY70

CEYOMUR CY70 4G LTE Solar Trail Camera User Manual

Model: CY70

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1. SETUP

1.1. What's in the Box

Verify all components are present:

- 1 x CEYOMUR Trail Camera (Model CY70)
- 1 x Solar Panel
- 1 x USB Cable
- 1 x User Manual
- 1 x Mounting Strap
- 1 x Mounting Bracket
- 1 x Antenna
- 1 x Tweezers
- 1 x Pre-installed SIM Card
- 1 x 64GB TF Card

1.2. Initial Preparation

1. **Insert SIM Card and TF Card:** Open the camera housing. Locate the SIM card slot and TF card slot. Insert the pre-installed SIM card and the included 64GB TF card into their respective slots. Ensure they are correctly oriented and fully seated.
2. **Attach Antenna:** Screw the antenna onto the designated port on the top of the camera.
3. **Power On:** Turn on the camera using the power switch located inside the housing.

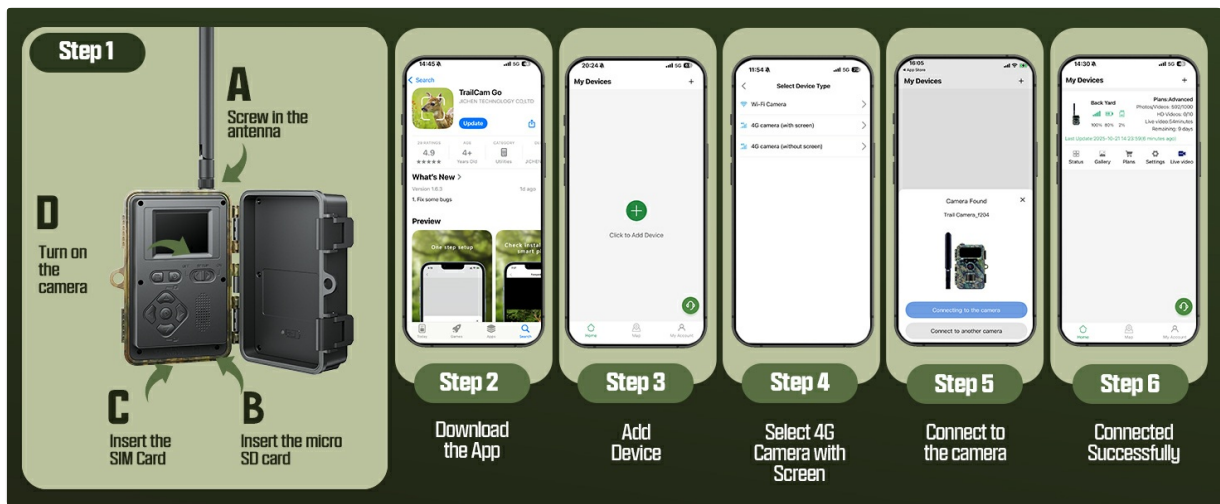


Figure 1: Initial setup steps including inserting SIM/TF cards and attaching the antenna.

1.3. Mounting the Camera and Solar Panel

The camera and solar panel can be mounted using the provided strap or bracket. Ensure the solar panel is placed in a location with adequate sunlight for optimal charging.

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Video 1: Quick Guide: Trail Camera Mount Assembly. This video demonstrates how to assemble and mount the solar panel bracket for the CEYOMUR trail camera.

Get Non-Stop Power with Solar Panel

Powered by the sun.
Stop buying batteries.



3W Solar Panel



5200mAh Batteries



9.2 feet

Figure 2: CEYOMUR CY70 Trail Camera with solar panel mounted on a tree, illustrating the power connection.



Non-Stop Solar Power Supply

The movable 3W solar panel allows you to install it anywhere and ensures an uninterrupted power supply.

Figure 3: Solar panel providing continuous power to the trail camera in an outdoor setting.

2. OPERATING THE CAMERA

2.1. Dual Mode Functionality

The CEYOMUR CY70 operates in two modes: Traditional and 4G Cellular.

- **Traditional Mode:** Use the built-in 2-inch screen for direct setup, viewing, and playback of captured media. This mode does not require cellular data.
- **4G Cellular Mode:** For remote access, live viewing, real-time alerts, and managing settings from your smartphone via the "TrailCam Go" app.



Figure 4: Demonstrating the dual viewing methods: remote via app and direct on-camera.

2.2. App Connection and Remote Features

Download the "TrailCam Go" app from your device's app store. Follow the in-app instructions to connect your camera. Once connected, you can:

- Receive real-time motion alerts.
- View live video streams.
- Playback recorded videos and photos.
- Adjust camera settings remotely.
- Monitor the camera's location on a map.



Figure 5: Remote viewing and playback of camera footage via the mobile application.

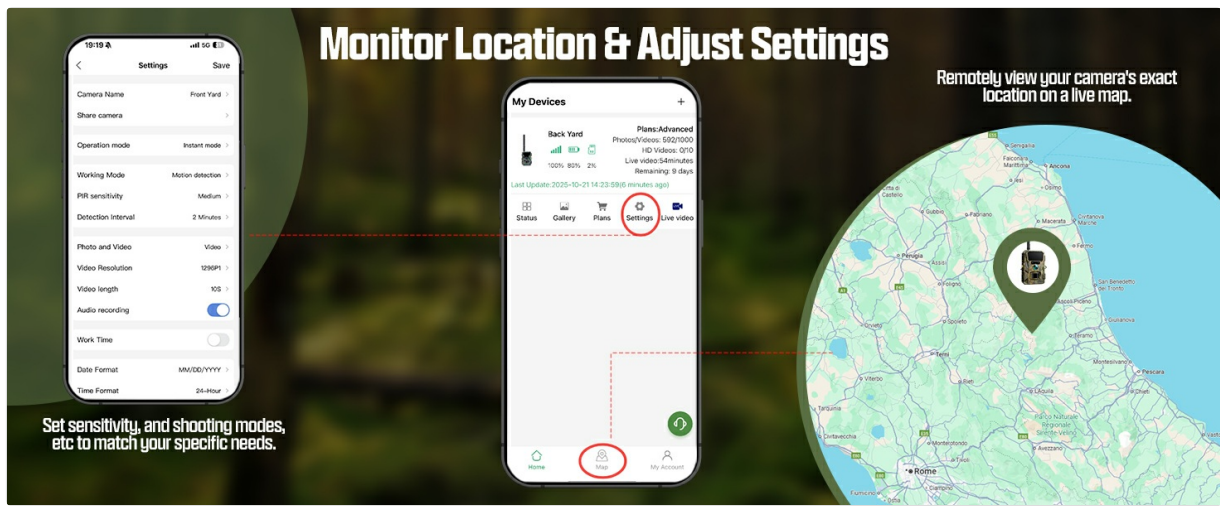


Figure 6: Monitoring camera location and adjusting settings through the app.

2.3. Image and Video Capture

The camera captures 2K video and 48MP photos. In 4G mode, the maximum image resolution is 8MP.

- **Motion Detection:** An advanced PIR sensor triggers recording in 0.2 seconds upon detecting movement.
- **Night Vision:** Equipped with 850nm low-glow infrared LEDs for clear nighttime footage without disturbing wildlife.

Simple Setup, Smart Operation

Features a 2-inch IPS screen for quick installation and setup.



Design Note:

Functions perfectly as a standard trail camera even without cellular data connectivity.

Figure 7: Daytime capture of wildlife with the CEYOMUR CY70 Trail Camera.

Clear Night Vision

See clearly at night with two high-powered
850nm IR LEDs.



Ours

- ✓ 2pcs high powered IR LEDs
- ✓ Less image noise
- ✓ Less vignetting

VS

Others

✗ normal IR LEDs

Figure 8: Night vision comparison, highlighting the clarity of CEYOMUR CY70's infrared LEDs.

2K Videos & Live View

See every detail in 2K resolution on the Trail Cam Go App.



Figure 9: Example of 2K video quality from the trail camera.

0.2s Fast Trigger

Features advanced PIR sensor and a 0.2s trigger for precision and speed.



Figure 10: Illustration of the 0.2-second fast trigger speed.

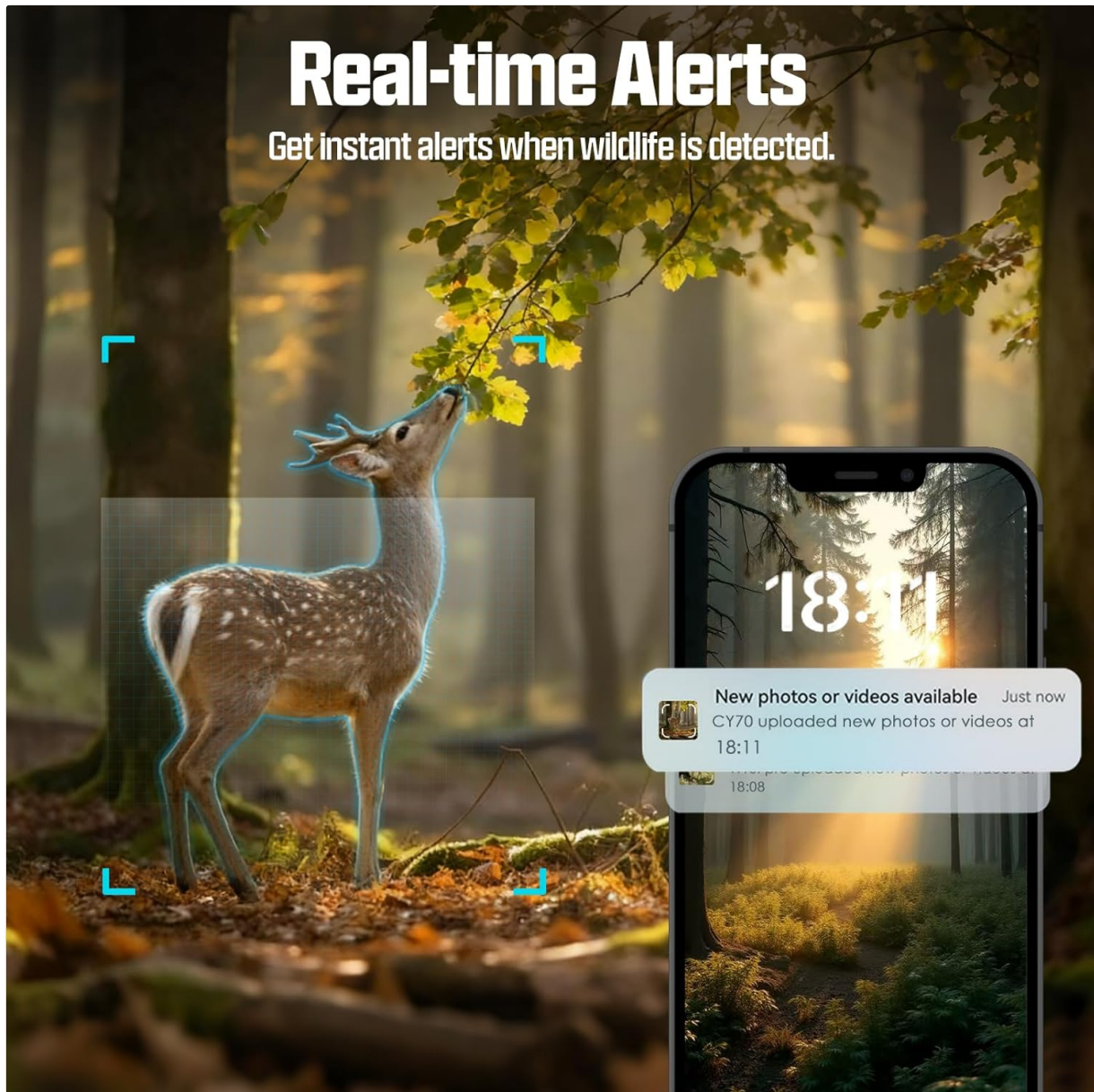


Figure 11: Real-time motion alerts delivered to your smartphone.

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Video 2: Video Clips of Trail Camera CY70Pro. This video showcases various video clips captured by the CEYOMUR CY70Pro trail camera, demonstrating its recording capabilities.

3. MAINTENANCE

3.1. Power Management

The CEYOMUR CY70 features an integrated 5200mAh rechargeable lithium battery and a 3W solar panel for continuous power. Ensure the solar panel is positioned to receive maximum direct sunlight to maintain battery charge. No external batteries are typically required for long-term operation.

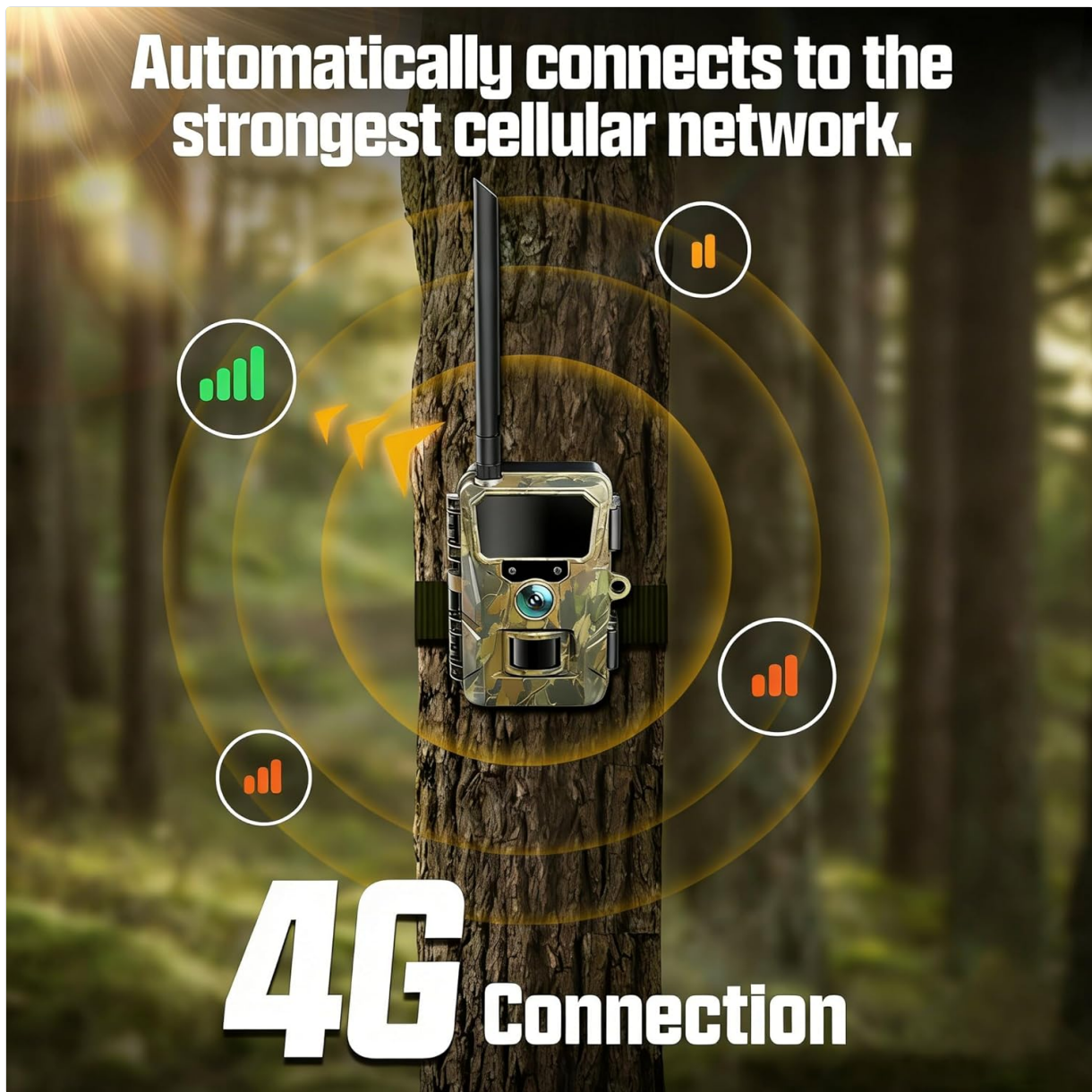


Figure 12: Solar panel providing power to the trail camera, eliminating the need for disposable batteries.

3.2. Weather Resistance

The camera is rated IP66 waterproof, providing protection against dust and strong jets of water. This ensures reliable operation in various outdoor weather conditions, including rain and snow.



Figure 13: IP66 waterproof rating ensures durability in harsh weather.

3.3. Cleaning

Periodically clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance. Avoid using abrasive cleaners or solvents.

4. TROUBLESHOOTING

Issue	Possible Cause	Solution
Camera not powering on	Low battery; Power switch off; Incorrect SIM/TF card insertion.	Ensure solar panel is receiving sunlight or charge via USB. Check power switch. Reinsert SIM/TF cards correctly.
No remote access/alerts	Poor 4G signal; SIM card not activated; App not configured correctly.	Verify 4G signal strength at camera location. Check SIM card status. Reconfigure app connection.

Issue	Possible Cause	Solution
Poor image/video quality	Dirty lens; Low light conditions; Incorrect settings.	Clean the lens. Ensure adequate lighting or proper night vision activation. Adjust resolution settings.
Motion sensor not triggering	PIR sensitivity too low; Obstructions in detection zone.	Increase PIR sensitivity in settings. Clear any foliage or objects blocking the sensor.

For further assistance, please refer to the Warranty & Support section.

5. SPECIFICATIONS

Feature	Detail
Model Number	CY70
Connectivity	4G Cellular
Power Source	Solar Powered, 5200mAh Lithium Ion Battery (included)
Video Resolution	2K HD
Photo Resolution	Up to 48MP (8MP in 4G mode)
Night Vision	850nm Low-Glow IR LEDs
Motion Detection	0.2s PIR Trigger Speed
Display	Built-in 2-inch screen
Storage	TF Card (up to 128GB, 64GB included), Cloud Storage
Water Resistance	IP66
Dimensions (L x W x H)	5.31 x 3.94 x 2.99 inches
Weight	1.83 pounds
Included Components	Trail Camera, Solar Panel, USB Cable, User Manual, Mounting Strap, Mounting Bracket, Antenna, Tweezers, SIM Card, 64GB TF Card

6. WARRANTY & SUPPORT

6.1. Warranty Information

The CEYOMUR CY70 Trail Camera comes with a **2-year warranty** and parts replacement service. This warranty covers manufacturing defects and ensures peace of mind regarding product quality.

6.2. Customer Support

For any questions regarding your 4G LTE camera, data plan, or technical assistance, please contact CEYOMUR's dedicated support team through the following channels:

- **CEYOMUR Official Email:** (Refer to product packaging or official website for specific email address)
- **Amazon Messaging:** Contact seller via your Amazon order page.
- **TrailCam Go App:** Utilize the support features within the mobile application.

Our support team is committed to providing a worry-free experience and ensuring your complete satisfaction.