

MISECU CQ1H

MISECU 4G LTE Cellular Security Camera (Model CQ1H) User Manual

Model: CQ1H

1. INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your MISECU 4G LTE Cellular Security Camera. This 2.5K solar-powered outdoor camera operates without the need for Wi-Fi, utilizing a 4G LTE cellular network for remote monitoring. It features 360° PTZ (Pan-Tilt-Zoom) capabilities, AI motion detection, color night vision, and flexible storage options. Designed for off-grid use, it is ideal for locations such as farms, construction sites, and remote properties. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- 4G Camera
- Solar Panel
- SIM Card (pre-installed or included separately)
- User Manual (this document)
- Mount Kit (screws, anchors, mounting bracket)

3. PRODUCT OVERVIEW

The MISECU CQ1H camera is designed for outdoor surveillance in areas without Wi-Fi or consistent power supply. It integrates a solar panel for continuous power and uses a 4G LTE cellular network for connectivity.

3.1 Camera Components

4G



4G LTE Cellular No Wi-Fi Needed

Provides continuous monitoring even in areas with power outages or no WiFi, and can be easily installed in remote areas.

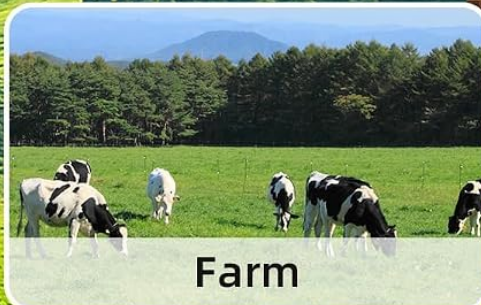


Image: MISECU 4G LTE Cellular Security Camera with its connected solar panel, illustrating the main components.

- **Camera Body:** Contains the lens, infrared LEDs, spotlights, microphone, speaker, and internal battery.
- **Solar Panel:** Charges the camera's internal battery using sunlight.
- **Antennas:** For 4G LTE cellular signal reception.
- **SIM Card Slot:** For inserting the 4G LTE SIM card.
- **Micro SD Card Slot:** For local video storage (supports up to 256GB).

4. SETUP INSTRUCTIONS

4.1 SIM Card Installation

The camera requires a 4G LTE SIM card for network connectivity. Ensure the SIM card is activated with a data plan compatible with AT&T, T-Mobile, or Verizon networks (US Only).

1. Locate the SIM card slot on the camera body. This is typically protected by a rubber cover.
2. Carefully open the cover and insert the provided or your activated 4G LTE SIM card into the slot. Ensure correct orientation.
3. Close the rubber cover firmly to maintain the camera's IP66 weatherproof rating.

4.2 Micro SD Card Installation (Optional)

For local storage, install a Micro SD card (up to 256GB, not included).

1. Locate the Micro SD card slot, usually near the SIM card slot.
2. Insert the Micro SD card with the contacts facing the correct direction until it clicks into place.
3. Close the protective cover.

4.3 Mounting the Camera and Solar Panel

Choose a location with optimal sunlight exposure for the solar panel and a clear view for the camera. The camera is IP66 weatherproof.

Two Optional Secure Storage

No Hidden Cost and Keeping Your Data Safe



Local Storage

Up to 256G Memory
Card(No Included)



Cloud Storage

Free 7-Day Loop
Event Recording



Image: The MISECU 4G LTE Cellular Security Camera and its solar panel are shown mounted on an exterior wall, demonstrating a typical installation.

1. Attach the mounting bracket to a sturdy surface using the provided screws and anchors.
2. Secure the camera to the mounting bracket.
3. Mount the solar panel in a location that receives direct sunlight for most of the day.
4. Connect the solar panel cable to the camera's charging port.

4.4 App Download and Pairing

Download the "Yoosee" app from your smartphone's app store (iOS or Android).

1. Open the Yoosee app and create an account or log in.
2. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering its ID.
3. Once paired, you can access live view and camera settings.

5. OPERATING INSTRUCTIONS

5.1 Live View and PTZ Control

Access the live feed through the Yoosee app. Use the on-screen controls to pan (355° horizontal) and tilt (90° vertical) the camera, and utilize the 6X digital zoom to adjust your view.

See Everything in Stunning 2.5K 360° View Ensures No Blind Points



355° Pan &
110° Tilt



6X
Digital Zoom



4MP
Lens

360°



Image: A wide outdoor scene with cattle, illustrating the camera's 360° pan and tilt capabilities for comprehensive coverage.

5.2 Two-Way Audio

The camera supports two-way audio communication. Use the microphone icon in the app to speak through the camera's speaker, and listen to audio from the camera's microphone.

5.3 AI Motion Detection and Alerts

The camera features advanced AI recognition technology to accurately detect persons and vehicles, minimizing false

alarms. When motion is detected, the camera sends instant push notifications to your Yoosee app.

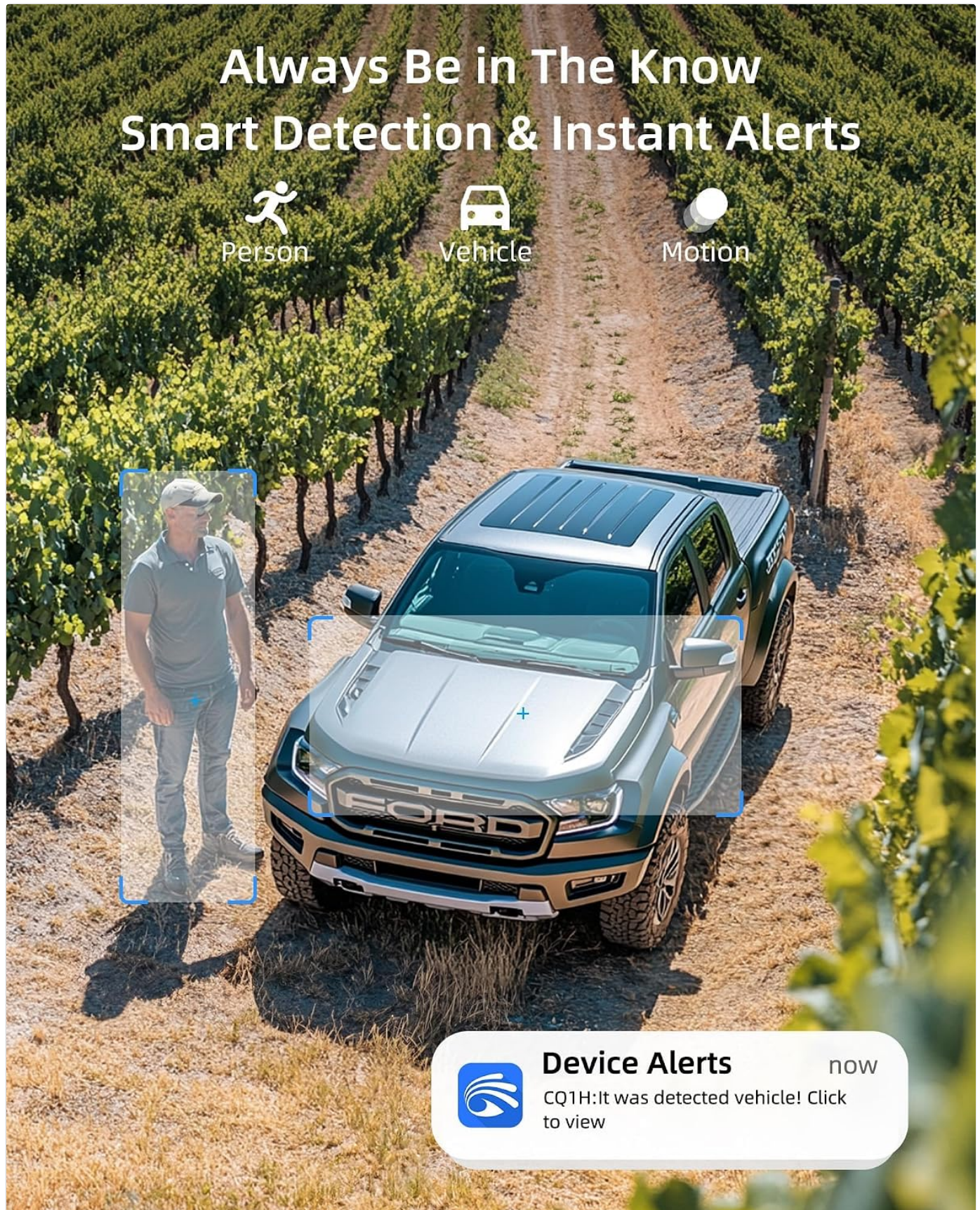


Image: A scene showing the camera's AI motion detection highlighting a person and a vehicle in a vineyard setting, with an app alert notification.

5.4 Color Night Vision

Equipped with a 4MP lens and four built-in spotlights, the camera provides 2.5K high-definition live video and vibrant full-color night vision up to 65 feet.

65FT Vision Range and Full Color

See Vivid and Colorful Even in the Dark of Night

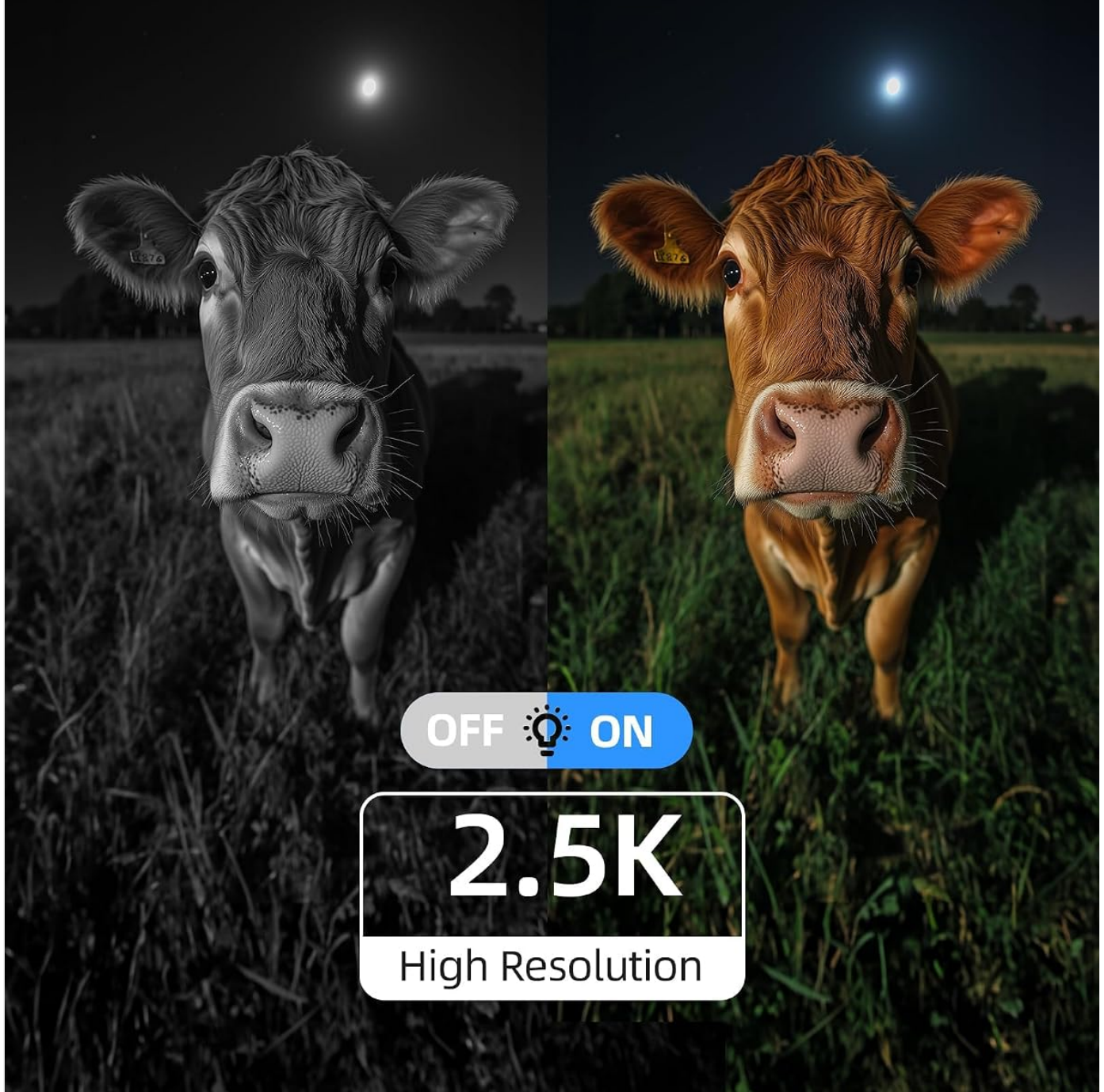


Image: A split image demonstrating the difference between standard night vision (left, black and white) and the camera's color night vision (right, full color) of a cow in a field.

5.5 Siren and Bright Lights

In alarm mode, the camera can emit dazzling lights and sirens to deter intruders upon detection.

5.6 Storage Options

The camera offers two secure storage options:

- **Local Storage:** Supports Micro SD cards up to 256GB for continuous or event-based recording.
- **Cloud Storage:** Lifetime free 7-day loop cloud storage for single events (8 seconds) is available when using the built-in SIM card. Optional unlimited data plans are available for purchase within the app.



Image: An illustration of the camera's local Micro SD card storage and cloud storage options, with a smartphone displaying recorded footage.

5.7 Product Overview Video

Your browser does not support the video tag.

Video: An official overview of the MISECU 4G LTE Solar Security Camera, demonstrating its key features and applications.

6. MAINTENANCE

6.1 Solar Panel Care

Regularly clean the surface of the solar panel to ensure maximum sunlight absorption and efficient charging. Dust, dirt, or debris can reduce charging efficiency.

6.2 Weatherproofing

The camera has an IP66 weatherproof rating, designed to withstand various harsh weather conditions. Periodically check all covers and seals to ensure they are intact and properly closed to maintain water resistance.

365-Days Non-Stop Solar Powered

Engineered for Power and Built to Endure



5W Super
Solar Panel



9000 mAh
Rechargeable

Image: The MISECU 4G LTE Cellular Security Camera and solar panel are shown enduring rain, snow, and sun, highlighting its IP66 weatherproof durability.

6.3 Battery Management

The camera is equipped with a 9000mAh high-capacity battery and a 5W solar panel for continuous power. Ensure the solar panel is positioned for optimal sunlight to keep the battery charged.

Built for Outdoors/Wilderness

Flexible 4G Network Options

- ✓ Included a SIM Card with 7 Day Free Trial
- ✓ Plug and Play, User Friendly
- ✓ Supports Verizon, T-Mobile, AT&T Network

Cellular Data Plan (Only US)

Unlimited-30day

\$15.99

Unlimited-180day

\$89.99

Unlimited-360day

\$149.99



Image: The MISECU 4G LTE Cellular Security Camera with its 5W solar panel and an indication of the 9000mAh rechargeable battery, emphasizing its continuous solar power capability.

7. TROUBLESHOOTING

7.1 No Network Connection

- Ensure the 4G LTE SIM card is correctly inserted and activated with a valid data plan.
- Check for 4G LTE signal strength in the camera's location via the app.

- Restart the camera by powering it off and on.

7.2 Camera Not Charging

- Verify the solar panel is clean and receiving direct sunlight.
- Ensure the solar panel cable is securely connected to the camera.
- Check for any physical damage to the solar panel or cable.

7.3 Motion Detection Issues

- Adjust motion detection sensitivity settings in the Yoosee app.
- Ensure the camera's view is not obstructed.
- Verify that push notifications are enabled in both the app and your phone's settings.

8. SPECIFICATIONS

Feature	Detail
Model Name	CQ1H
Connectivity Technology	4G LTE Cellular Network (No Wi-Fi support)
Power Source	Solar Powered (5W Solar Panel) with 9000mAh Rechargeable Battery
Video Capture Resolution	2.5K UHD (4MP Effective Still Resolution)
PTZ Capabilities	355° Horizontal Pan, 90° Vertical Tilt, 6X Digital Zoom
Night Vision	Color Night Vision up to 65 feet (with built-in spotlights)
Motion Detection	AI Object Analysis (Persons, Vehicles)
Storage Options	Micro SD Card (up to 256GB), Cloud Storage (7-day loop for events with included SIM)
Weather Resistance	IP66 Weatherproof
Operating Temperature	-4°F to 120°F (-20°C to 50°C)
Compatible Networks (US)	AT&T, T-Mobile, Verizon
App Compatibility	Yoosee App (iOS, Android)
Dimensions (L x W x H)	7.2 x 5.5 x 8.5 inches
Item Weight	2.59 pounds

9. WARRANTY AND SUPPORT

For warranty information, please refer to the product packaging or contact MISECU customer support. For technical assistance, troubleshooting, or further inquiries, please visit the official MISECU website or contact their support team through the Yoosee app.

Online Resources:

- [MISECU Store on Amazon](#)

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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