

COCOCAM ZY-Q6

COCOCAM AOV 4G LTE Security Camera User Manual

Model: ZY-Q6 | Brand: COCOCAM

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your COCOCAM AOV 4G LTE Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

1.1 Package Contents

- 1x COCOCAM AOV 4G LTE Security Camera
- 1x Solar Panel
- 1x Screw Package (for mounting)
- 1x Data Cable
- 1x Instruction Manual (this document)
- 1x Solar Panel Bracket
- 2x AA Batteries (pre-installed or included for initial setup)



Figure 1.1: COCOCAM AOV 4G LTE Security Camera and Solar Panel. The image displays the main camera unit with two antennas, a lens, and four LED lights, alongside a rectangular solar panel connected by a cable.

2. SAFETY INFORMATION

- Ensure the camera and solar panel are installed securely to prevent falling.
- Do not expose the camera to extreme temperatures outside its operating range.
- Keep the device away from strong magnetic fields.

- Do not attempt to disassemble or repair the camera yourself. Contact support for assistance.
- Ensure all cables are properly connected and protected from environmental damage.
- This device is IP66 rated for water and dust resistance, but avoid submerging it in water.

3. PRODUCT OVERVIEW

3.1 Key Features

- **24/7 Recording & Fast Alarm Trigger:** Continuous recording with quick alarm activation.
- **Intelligent Sound and Light Alarm:** Customizable alarm areas with real-time notifications.
- **30 Meters Night Vision:** Clear visibility in low-light conditions with white light and infrared options.
- **AI Detection/Tracking:** Human form detection and movement tracking up to 30 meters.
- **Flexible Storage Options:** Supports TF card (up to 128GB) and cloud storage.
- **Two-Way Audio:** Built-in microphone and speaker for communication.
- **Long-lasting Battery with Solar Panel:** 15000mAh rechargeable battery with 8W solar panel for continuous power.
- **IP66 Weatherproof:** Designed for outdoor use, resistant to water and dust.
- **3MP High Definition Video:** 2304*1296 resolution for clear footage.
- **355° Pan/90° Tilt:** Wide area coverage with remote adjustable viewing angles.
- **Remote Monitoring and Mobile Compatibility:** Access via COCOCAM app on Android/iOS devices.
- **4G LTE Connectivity:** Operates without Wi-Fi, includes a built-in SIM card with trial data.

4. SETUP

4.1 Mounting the Camera and Solar Panel

The camera and solar panel can be mounted on walls or ceilings. Choose a location that provides optimal sunlight exposure for the solar panel and a clear view for the camera.

1. Identify a suitable mounting surface.
2. Use the provided screw package to secure the camera bracket and solar panel bracket.
3. Attach the camera to its bracket and the solar panel to its bracket.
4. Connect the solar panel cable to the camera's charging port. Ensure the connection is secure and waterproof.

Totally Wireless Easy installation



Figure 4.1: Easy installation of the COCOCAM camera and solar panel. The image shows a person installing the camera and solar panel unit under an eave, demonstrating the ease of setup.

Self-Sustaining with Forever Power

8W

Solar Panel

15000mAh

Rechargeable battery



IP66 Waterproof

Figure 4.2: Self-sustaining power setup with solar panel and battery. This image illustrates the camera and solar panel mounted on a building, highlighting the 8W solar panel and 15000mAh rechargeable battery for continuous power.

4.2 SIM Card and Storage Card Installation

The camera comes with a built-in SIM card for initial use. You can also install an external SIM card or a TF (microSD) card for local storage.

1. Locate the SIM card slot and TF card slot on the camera (refer to the product diagram in the quick start guide).
2. Insert the TF card (up to 128GB) into the TF card slot with the contacts facing down.
3. If using an external SIM card, insert it into the designated slot. Ensure it is properly seated.
4. Close the protective cover to maintain IP66 rating.

3G/4G LTE Connection NO WIFI Needed

3G

4G



Figure 4.3: 3G/4G LTE Connection without Wi-Fi. This image highlights the camera's ability to operate using 3G or 4G LTE networks, making it suitable for locations without Wi-Fi, such as farms, construction sites, or RVs.

4.4 App Download and Initial Configuration

Download the COCOCAM app from your device's app store (Android or iOS).

1. Search for "COCOCAM" in the Google Play Store or Apple App Store.
2. Install the app and create an account.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering its ID.

4. Once connected, you can configure network settings, recording preferences, and alarm settings.



Figure 4.4: COCOCAM app for 24/7 continuous recording. This image shows a smartphone displaying the COCOCAM app interface, with the security camera mounted on a wall in the background, indicating continuous monitoring capabilities.

5. OPERATING INSTRUCTIONS

5.1 24/7 Recording and Alarm Features

The camera supports continuous recording. When an alarm is triggered, the camera quickly switches to full-frame recording.

- **Continuous Recording:** The camera records 2 seconds per frame during non-alarm periods.
- **Fast Alarm Trigger:** Upon detection, the camera initiates full-frame recording within 0.2 seconds.
- **Customizable Alarm Areas:** Define specific zones within the camera's view for motion detection.
- **Intelligent Sound and Light Alarm:** The camera can emit sound and light warnings upon detecting suspicious activity.
- **Real-time Notifications:** Receive instant alerts on your mobile device when an alarm is triggered.

5.2 PTZ Control (Pan, Tilt, Zoom)

The camera offers extensive pan and tilt capabilities, allowing you to adjust the viewing angle remotely via the COCOCAM app.

- **Pan:** Rotate the camera horizontally up to 355°.
- **Tilt:** Adjust the camera vertically up to 90°.
- **Digital Zoom:** Use the app to digitally zoom into the live feed or recorded footage.

355°P 90°T with AI Tracking



355°P 90°T



Two-way Audio



AI Detection



AI Tracking

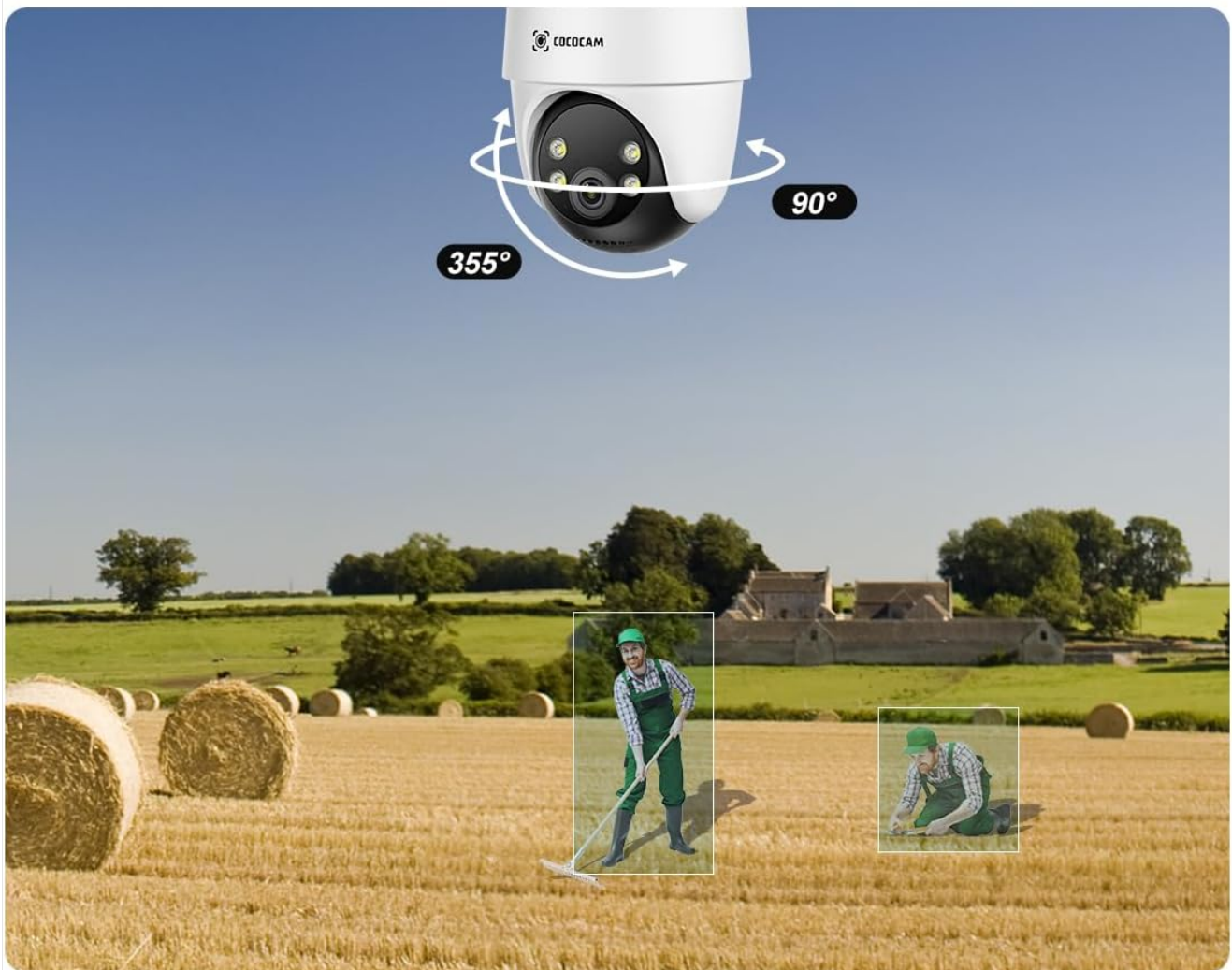


Figure 5.1: 355° Pan and 90° Tilt with AI Tracking. This image illustrates the camera's wide range of motion and its ability to track subjects, with icons for two-way audio, AI detection, and AI tracking.

5.3 AI Detection and Tracking

The camera's advanced AI capabilities allow for precise detection and tracking of human forms and vehicles.

- **Human Detection:** Identifies human shapes, reducing false alarms from animals or swaying branches.
- **Vehicle Recognition:** Distinguishes vehicles for specific alerts.
- **AI Tracking:** The camera can automatically follow detected subjects within its field of view up to 30 meters.

AI Detection & Tracking

Human and Vehicle Recognition

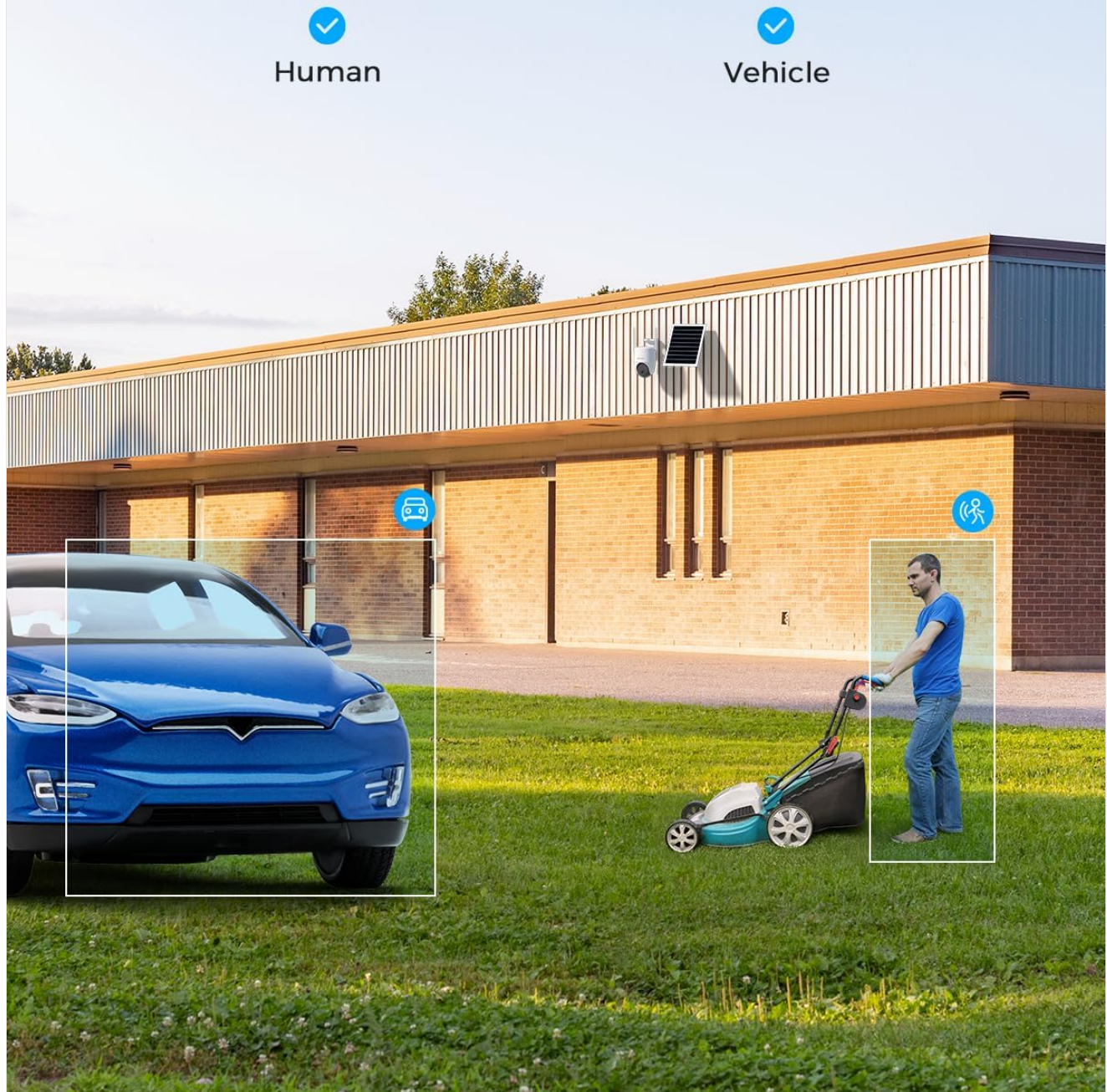


Figure 5.2: AI Detection & Tracking for Human and Vehicle Recognition. The image shows a security camera monitoring an outdoor area, with highlighted boxes indicating detected human and vehicle subjects, demonstrating its AI capabilities.

5.4 Two-Way Audio

Communicate with visitors or deter intruders using the built-in microphone and speaker.

- Access the two-way audio feature through the COCOCAM app.
- Speak into your phone's microphone to transmit audio through the camera's speaker.
- Listen to audio from the camera's surroundings through your phone.

5.5 Night Vision

The camera provides clear visibility up to 30 meters in complete darkness.

- **Infrared Night Vision:** Automatically activates in low-light conditions for black and white video.
- **Full-Color Night Vision:** Utilizes white light LEDs to provide color video at night when activated or upon detection.

30m Night Vision 2K Full Color Night Vision Always On Protection

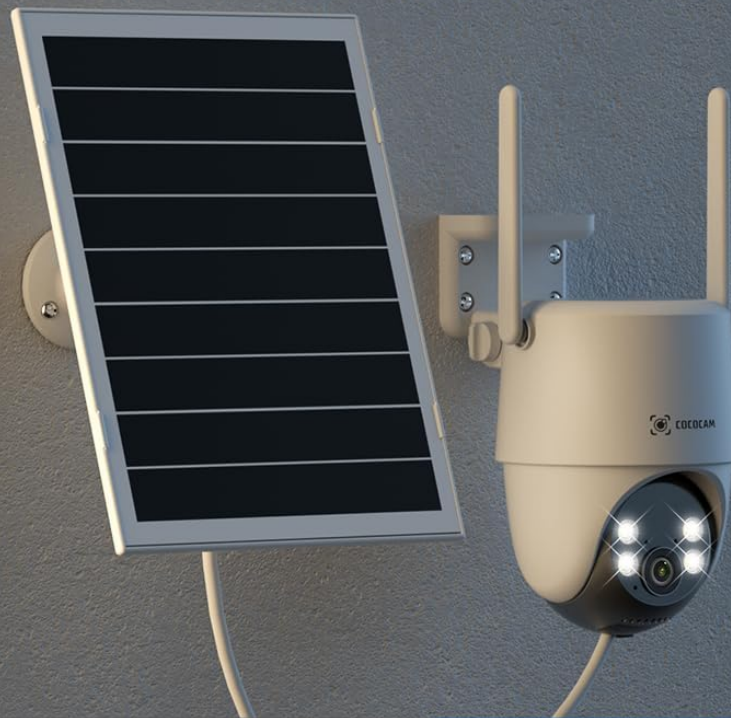


Figure 5.3: 30m Night Vision and 2K Full Color Night Vision. This image compares standard black and white night vision with the camera's full-color night vision capability, showing enhanced detail and color in low light.

6. MAINTENANCE

6.1 Battery and Solar Panel Care

The integrated 15000mAh battery is continuously charged by the 8W solar panel. To ensure optimal performance:

- Ensure the solar panel is positioned to receive maximum direct sunlight throughout the day.
- Regularly clean the surface of the solar panel to remove dust, dirt, or debris that may obstruct sunlight.
- Avoid placing the solar panel in shaded areas.

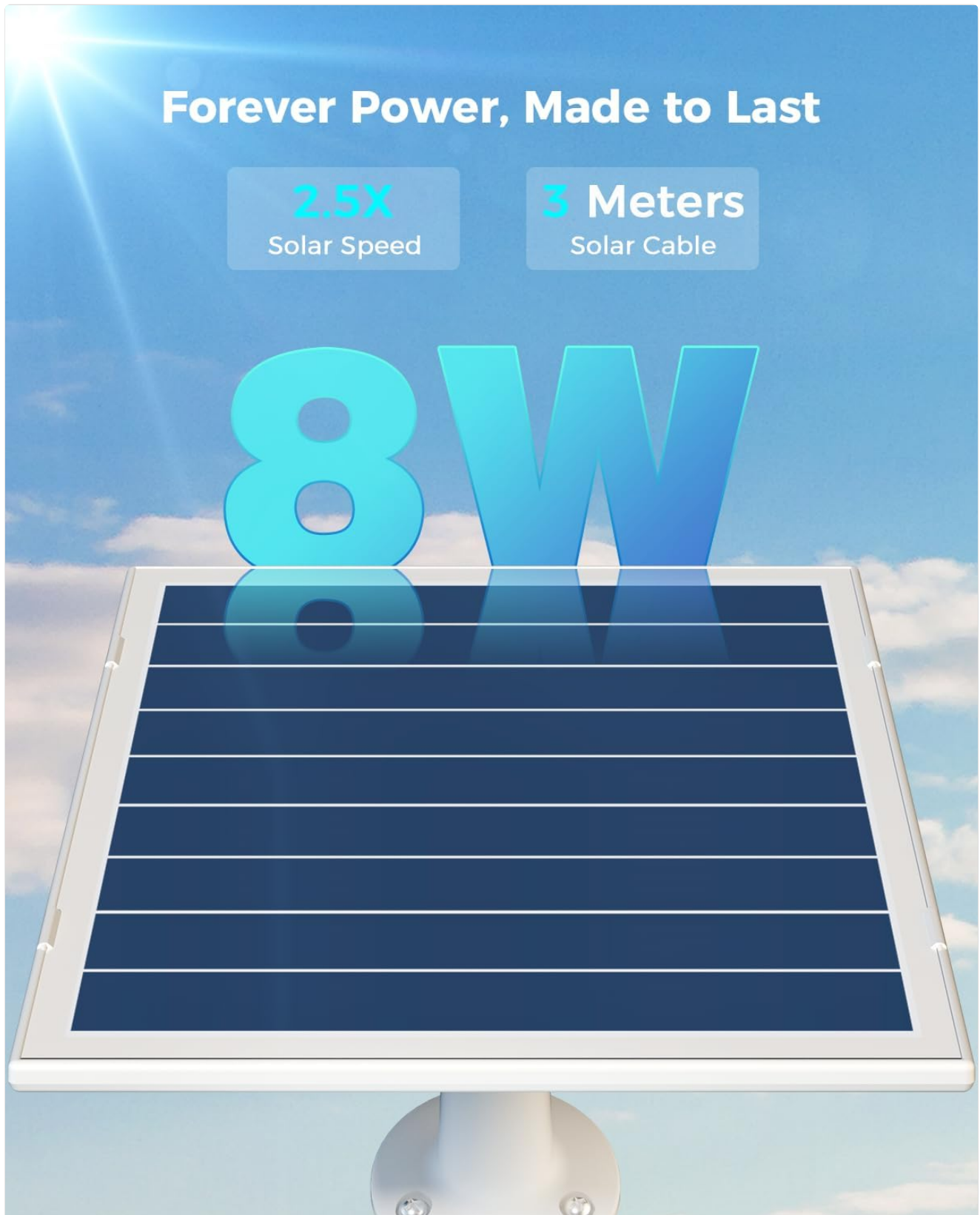


Figure 6.1: 8W Solar Panel for continuous power. This image focuses on the solar panel, highlighting its 8W power output and the 3-meter cable length for flexible installation.

6.2 Cleaning the Camera

- Use a soft, damp cloth to wipe the camera lens and body.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure the camera is dry before prolonged exposure to the elements.

6.3 Firmware Updates

Periodically check the COCOCAM app for available firmware updates. Keeping your camera's firmware updated ensures optimal performance, new features, and security enhancements.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not connecting to app.	Incorrect pairing process, weak 4G signal, camera not powered on.	Ensure camera is powered on. Re-attempt pairing process. Check 4G signal strength at installation location.
Poor video quality.	Dirty lens, low light conditions, weak 4G signal.	Clean the camera lens. Ensure adequate lighting or verify night vision is active. Check 4G signal strength.
Battery not charging.	Solar panel obstructed, faulty connection, insufficient sunlight.	Ensure solar panel is clean and receives direct sunlight. Check cable connection between solar panel and camera.
AI detection not working or too many false alarms.	Incorrect sensitivity settings, detection area not configured.	Adjust AI detection sensitivity in the app. Configure specific detection zones to exclude irrelevant areas.
Two-way audio issues.	Microphone/speaker obstruction, app permissions, network delay.	Ensure nothing is blocking the camera's microphone or speaker. Check app permissions for microphone access. Verify stable 4G connection.

8. SPECIFICATIONS

Feature	Detail
Model Name	AOV 4G Camera with 7x24 Recording
Item Model Number	ZY-Q6
Brand	COCOCAM

Feature	Detail
Video Capture Resolution	1440p (3MP, 2304*1296)
Pan/Tilt Range	355° Pan / 90° Tilt
Night Vision Range	30 Meters (Infrared & White Light)
Connectivity Technology	Wireless (4G LTE)
Power Source	Battery Powered (15000mAh) with 8W Solar Panel
Storage Options	TF Card (up to 128GB), Cloud Storage
Weather Resistance	IP66
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Dimensions (L x W x H)	20 x 15 x 12 cm
Item Weight	620 g
Batteries	2 AA batteries (included)


9. WARRANTY AND SUPPORT

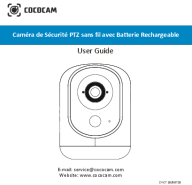




COCOCAM provides a **lifetime warranty** for this product, ensuring long-term reliability and customer satisfaction. For technical support, troubleshooting assistance, or warranty claims, please contact COCOCAM customer service:

- **Manufacturer:** COCOCAM
- **Official Website:** www.cococamtech.com
- **Email:** service@cococamtech.com

Please have your model number (ZY-Q6) and purchase information ready when contacting support.

Related Documents - ZY-Q6

	<p>Cococam PTZ Wireless Security Camera with Rechargeable Battery User Guide</p> <p>User guide for the Cococam PTZ Wireless Security Camera with Rechargeable Battery, covering product details, installation, app setup, device menu, PIR detection, alarm notifications, night vision, and troubleshooting.</p>
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 <p>Cococam ZY-C7 Wireless PTZ Security Camera with Rechargeable Battery User Guide</p> <p>1. Product Details 2. Camera Overview 3. Cococam App Installation 4. Camera Installation 5. Camera Troubleshooting</p>	<p>Cococam ZY-C7 Wireless PTZ Security Camera User Guide</p> <p>User guide for the Cococam ZY-C7 Wireless PTZ Security Camera with Rechargeable Battery. This guide covers product details, installation, app setup, camera operation, features like PIR detection and night vision, and troubleshooting.</p>
 <p>Inhalt</p> <p>1. Produktinfos 2. Kamera-Overview 3. Cococam-App-Installation 4. Kamera-Installation 5. Kamera-Troubleshooting</p>	<p>Cococam 2K Outdoor Surveillance Camera User Manual</p> <p>Comprehensive user manual for the Cococam 2K Outdoor Surveillance Camera, covering setup, installation, app integration, and troubleshooting. Learn how to mount, connect, and operate your wireless security camera.</p>
 <p>Wireless PTZ Security Camera with Rechargeable Battery User Guide</p>	<p>Cococam Wireless PTZ Security Camera User Guide</p> <p>User guide for the Cococam Wireless PTZ Security Camera with Rechargeable Battery, covering product details, installation, app setup, device menu, PIR detection, alarm notifications, night vision, and troubleshooting.</p>
 <p>WIFI Wireless PTZ Security Camera with Rechargeable Battery User Guide COCOCAM WIFI ES</p>	<p>COCOCAM WIFI Wireless PTZ Security Camera User Guide</p> <p>User guide for the COCOCAM WIFI Wireless PTZ Security Camera with Rechargeable Battery, covering product details, installation, app setup, and troubleshooting.</p>
 <p>WIFI Wireless PTZ Security Camera with Rechargeable Battery User Guide</p>	<p>COCOCAM ZY-G6 WF WiFi Wireless PTZ Security Camera User Guide</p> <p>User guide for the COCOCAM ZY-G6 WF WiFi Wireless PTZ Security Camera with Rechargeable Battery. Learn about installation, setup, device features, app usage, and troubleshooting.</p>