ZUMIMALL AOV-A60

ZUMIMALL AOV-A60 9W Solar Security Camera User Manual

Model: AOV-A60

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ZUMIMALL AOV-A60 9W Solar Security Camera. This wireless outdoor camera features 24/7 recording, a 360-degree view, 2K color night vision, two-way audio, 2.4GHz WiFi connectivity, auto-tracking, and AI detection. Please read this manual thoroughly before using the product to ensure proper function and safety.

Image 1.1: ZUMIMALL AOV-A60 Solar Security Camera. This image displays the white security camera with its integrated 9W solar panel and dual antennas, designed for outdoor surveillance.

2. PACKAGE CONTENTS

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

- A60 Camera x 1
- Solar Panel x 1
- Charging Cable x 1
- User Manual x 1
- Warning Card x 1
- Screws Set x 2
- Positioning Sticker x 1
- Installation Bag x 1
- Mounting Screw x 1
- Stand x 1

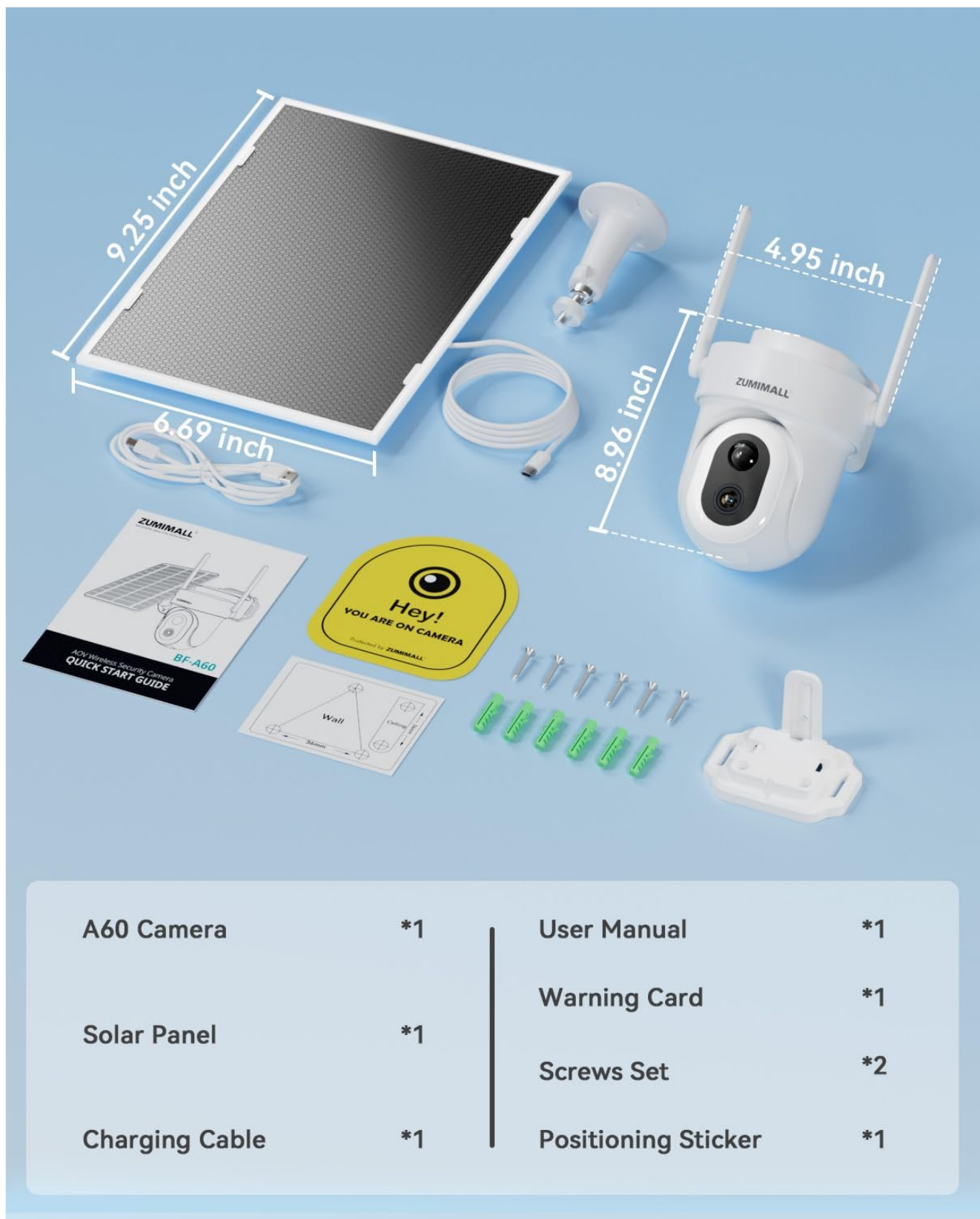| A60 Camera | *1 | User Manual | *1 |
Solar Panel	*1	Warning Card	*1
		Screws Set	*2
Charging Cable	*1	Positioning Sticker	*1

Image 2.1: Contents of the ZUMIMALL AOV-A60 package. This image shows all components included with the camera, such as the camera unit, solar panel, cables, mounting hardware, and documentation, along with their dimensions.

3. PRODUCT OVERVIEW

Key Features

- **AOV (Always on Video) Mode:** Provides 24/7 continuous recording, unlike traditional motion-activated cameras.
- **9W Solar Powered & 8000mAh Battery:** High-efficiency solar panel and rechargeable battery ensure continuous operation with minimal charging.

- **360° Vision & Auto-Tracking:** Offers 355° horizontal and 90° vertical rotation with automatic tracking of detected activity.
- **3MP 2K Color Night Vision:** Delivers clear, vivid color details even in low-light conditions using 6 IR lights and 14 white LEDs.
- **AI Detection:** Accurately identifies people and vehicles, reducing false alerts.
- **Two-Way Talk:** Enables real-time communication through the camera.
- **2.4GHz WiFi Connectivity:** Stable wireless connection for remote monitoring.
- **Flexible Storage:** Supports local storage up to 512GB (SD card not included) and 7-day free cloud storage for 6-second clips.
- **IP65 Weatherproof:** Designed to withstand various outdoor weather conditions.
- **Smart Security Alerts:** Customizable alerts with spotlights, alarms, and voice warnings.
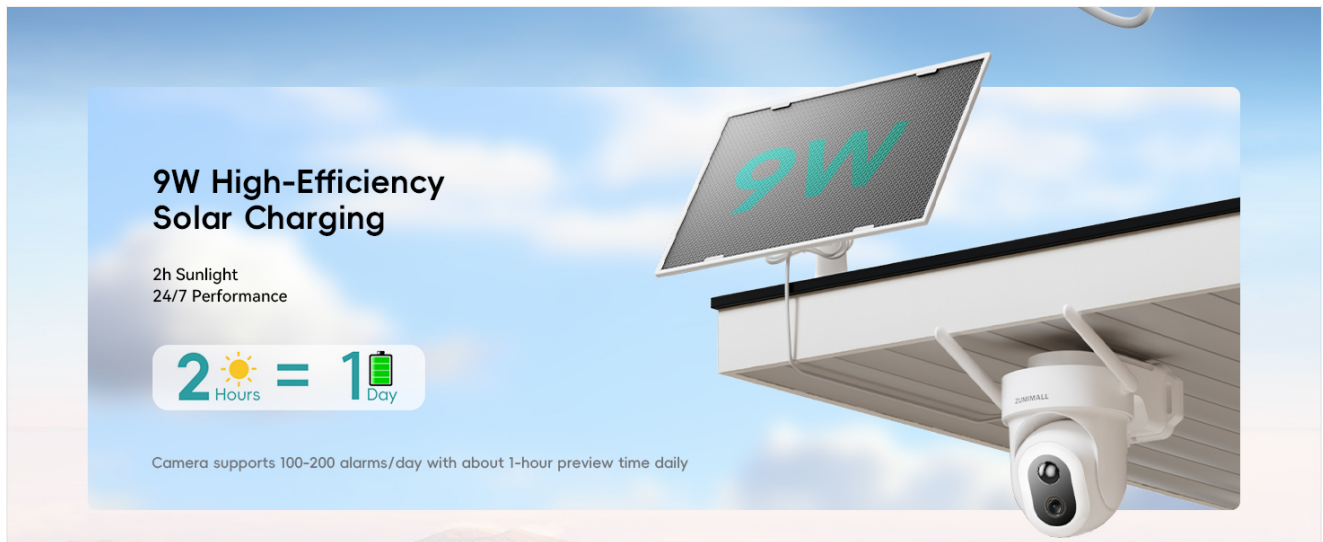

Image 3.1: Feature comparison of the ZUMIMALL AOV Camera. This graphic highlights the advantages of the AOV-A60, such as 24H continuous recording, 9W solar power, auto-tracking, human detection, and 512GB local storage, compared to other solar cameras.

4. Setup and Installation

4.1 Initial Charging

Before installation, fully charge the camera using the provided charging cable. This ensures the battery has sufficient power for initial setup and operation.

4.2 App Download and Account Creation

Download the ZUMIMALL app from your device's app store. Follow the in-app instructions to create an account and log in.

4.3 Camera Pairing

Within the ZUMIMALL app, select 'Add Device' and follow the on-screen prompts to pair your AOV-A60 camera. Ensure your smartphone is connected to a 2.4GHz WiFi network during this process.

Multi-Camera Management

Watch 4 cameras live at the same time

QUAD

Quad Screen

Image 4.1: Step-by-step guide for connecting the ZUMIMALL AOV-A60 camera to the mobile application. This image illustrates the process from selecting the device type, setting up WiFi, scanning a QR code, connecting to the network, and successful device addition.

4.4 Mounting Location Selection

Choose a location that provides optimal sunlight exposure for the solar panel and a clear view of the area you wish to monitor. The camera supports both wall and ceiling mounting.
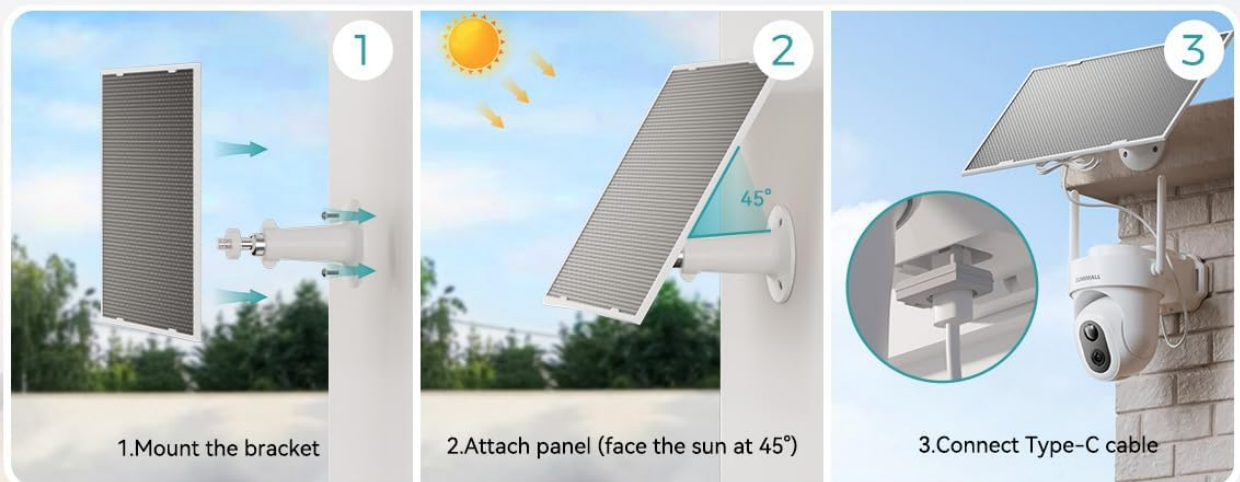
Installation Guidelines

Image 4.2: Installation guidelines for the ZUMIMALL AOV-A60 camera. This image demonstrates correct and incorrect camera placement for optimal coverage and solar panel efficiency, along with a three-step visual guide for mounting the bracket, attaching the solar panel at a 45-degree angle towards the sun, and connecting the Type-C cable.

4.5 Physical Installation

1. Mount the bracket securely to your chosen surface using the provided screws.
2. Attach the solar panel to the bracket, ensuring it faces the sun at approximately a 45-degree angle for maximum efficiency.
3. Connect the Type-C cable from the solar panel to the camera.
4. Secure the camera to the mounted bracket.

2 Ways for Install

Flexible wall or ceiling mounting options
deliver the perfect vantage point

Wall Mount   Celling Mount

Image 4.3: Installation tips for the ZUMIMALL AOV-A60 camera. This visual guide shows the four steps: mounting the bracket, attaching the solar panel at a 45-degree angle, connecting the Type-C cable, and installing the camera on the side for the widest view.

5. OPERATION

5.1 Live View and Recording

Access the ZUMIMALL app to view live footage from your camera. The AOV mode ensures 24/7 continuous recording, which can be reviewed in the app's history section.
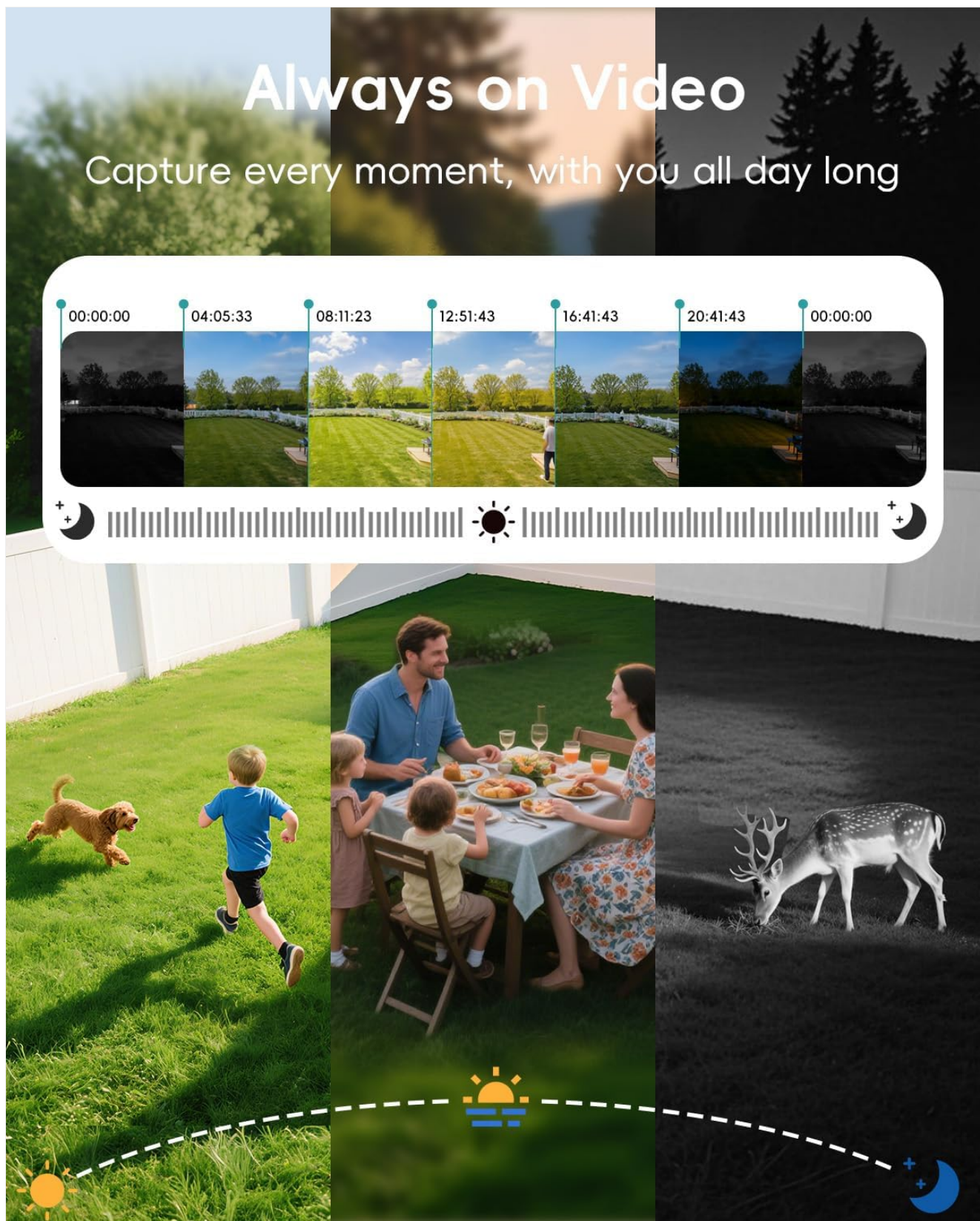
Image 5.1: Always on Video (AOV) feature of the ZUMIMALL AOV-A60 camera. This image illustrates continuous recording throughout the day and night, capturing every moment.

5.2 Pan, Tilt, and Zoom (PTZ)

Use the app to remotely control the camera's 355° horizontal and 90° vertical rotation. The camera also features digital zoom for closer inspection.

5.3 Auto-Tracking and AI Detection

Enable auto-tracking in the app to have the camera automatically follow detected motion. The integrated AI detection distinguishes between people and vehicles, minimizing irrelevant alerts.

Multiple Scenarios

Garden   Front Porch   Garage   Farm

Image 5.2: 360-degree coverage and smart human tracking capabilities of the ZUMIMALL AOV-A60 camera. This image shows the camera's pan and tilt range, auto-tracking, and human detection features in action, monitoring children playing in a yard.

5.4 Two-Way Audio

Utilize the two-way talk feature in the app to communicate with individuals near the camera. Customizable voice warnings are also available.

Multiple Alarm Modes

Light Alarm   Siren   App Push
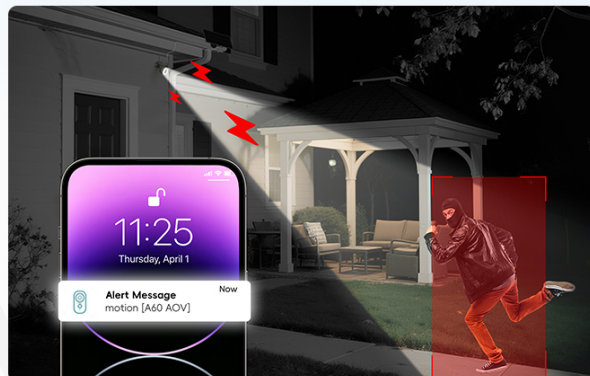
Image 5.3: Two-Way Audio and AI Voice Privacy features of the ZUMIMALL AOV-A60 camera. This image demonstrates the ability to communicate with a delivery person via the camera and customize intercom alerts with voice modulation options.

5.5 Night Vision

The camera automatically switches to 2K color night vision in low-light conditions, providing clear, detailed footage. Black and white night vision is also available.

Image 5.4: 3MP Color Night Vision capability of the ZUMIMALL AOV-A60 camera. This image shows a clear, vivid color view of a person in a yard at night, highlighting the camera's ability to capture details in darkness.

5.6 Storage Management

The camera supports local storage via a microSD card (up to 512GB, not included) and offers 7 days of free cloud storage for 6-second event clips. Manage storage settings within the app.
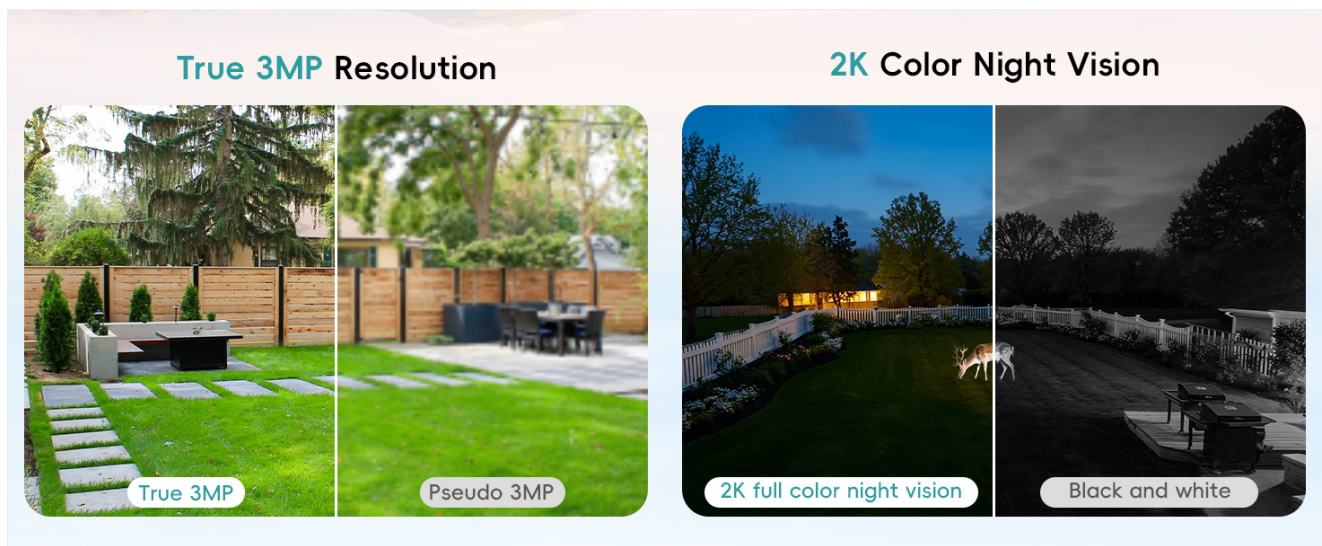
Image 5.5: Cloud and Local Storage options for the ZUMIMALL AOV-A60 camera. This image illustrates the flexibility of choosing between a microSD card (up to 512GB) and cloud storage for video recordings.

5.7 Smart Home Integration

The camera is compatible with Amazon Alexa and Google Assistant, allowing for voice control and integration into your smart home ecosystem.
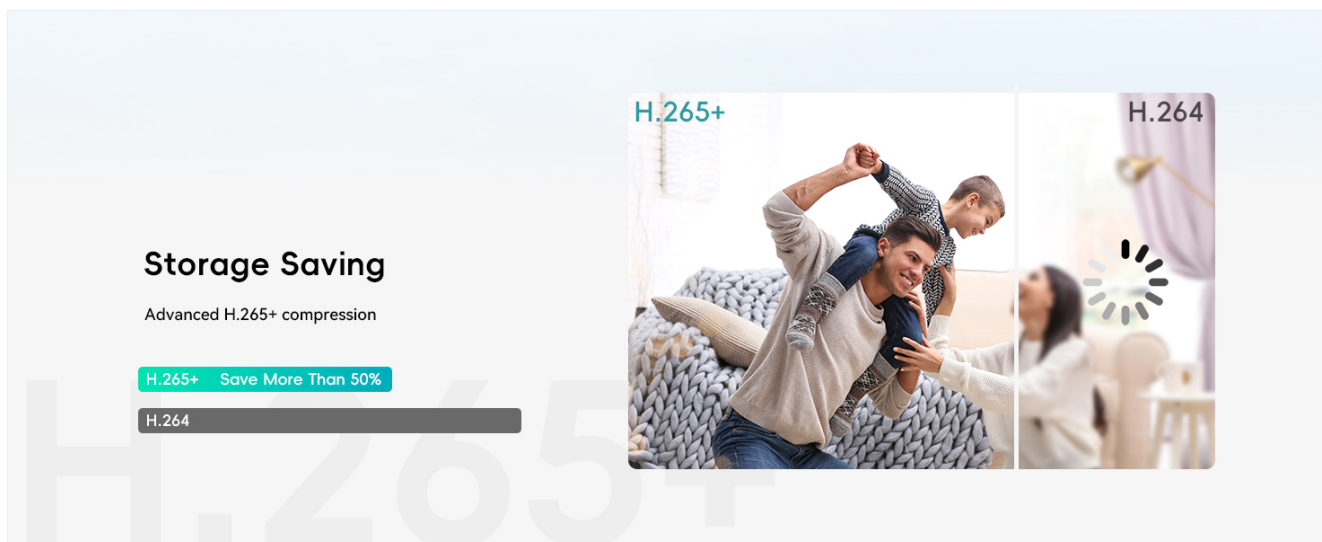

Image 5.6: ZUMIMALL AOV-A60 camera working with Alexa. This image shows a smart display showing live camera feed, demonstrating compatibility with smart home assistants.

6. MAINTENANCE

6.1 Cleaning

Periodically clean the camera lens and solar panel with a soft, damp cloth to ensure optimal image quality and charging efficiency. Avoid abrasive cleaners.

6.2 Battery Management

The 9W solar panel is designed to keep the 8000mAh battery charged. Ensure the solar panel receives adequate direct sunlight daily. If the camera is installed in a shaded area or during prolonged cloudy periods, manual charging via the Type-C port may be necessary.

6.3 Firmware Updates

Check the ZUMIMALL app regularly for firmware updates. Keeping your camera's firmware updated ensures access to the latest features and security enhancements.

6.4 Weather Resistance

The camera has an IP65 weatherproof rating, making it suitable for outdoor use in various conditions, including rain, sun, heat, and freezing temperatures (-4°F to 122°F / -20°C to 50°C). No special weather protection is typically required.
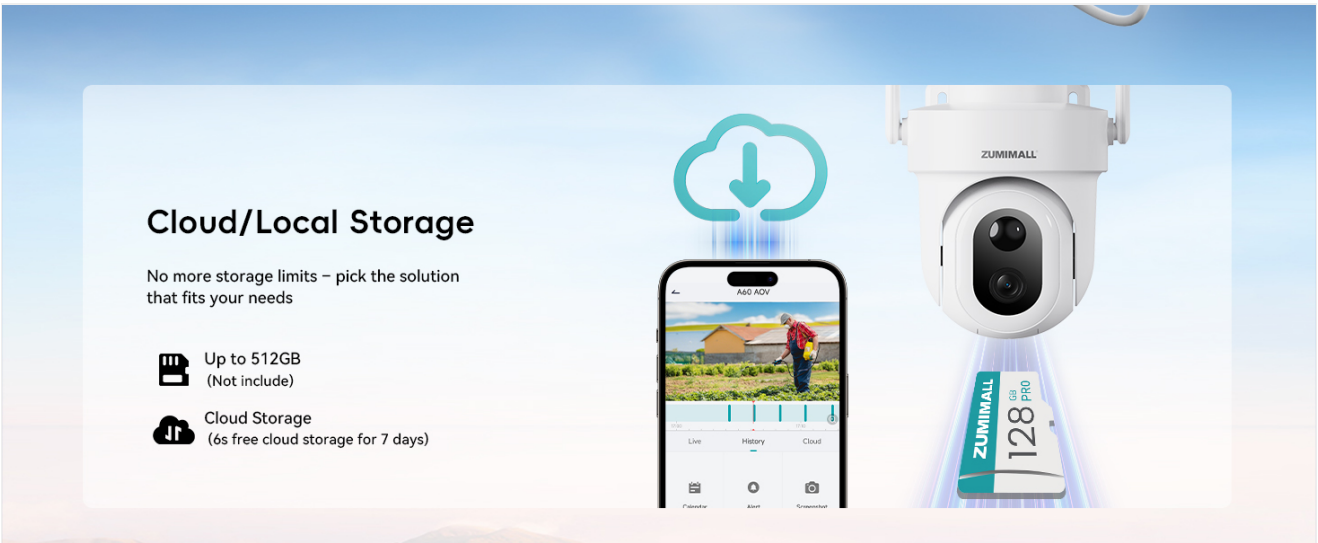

Image 6.1: IP65 Weatherproof feature of the ZUMIMALL AOV-A60 camera. This image illustrates the camera's ability to operate reliably in various weather conditions, from snow to sun.

7. TROUBLESHOOTING

If you encounter issues with your ZUMIMALL AOV-A60 camera, please refer to the following common solutions:

- **Camera Not Connecting to WiFi:** Ensure your router is broadcasting a 2.4GHz network. Verify the WiFi password is correct. Move the camera closer to the router during setup.
- **Poor Image Quality:** Clean the camera lens. Check for obstructions in the camera's field of view. Ensure adequate lighting for optimal night vision performance.
- **Battery Not Charging:** Confirm the solar panel is receiving direct sunlight for at least 2 hours daily. Check the connection between the solar panel and the camera. If necessary, manually charge the camera using the provided cable.
- **Frequent False Alerts:** Adjust the motion detection sensitivity in the app. Utilize the customizable motion detection zones to focus on specific areas and exclude high-traffic zones.
- **Two-Way Audio Issues:** Ensure your phone's microphone and speaker permissions are enabled for the ZUMIMALL app. Check the camera's microphone and speaker settings in the app.
- **App Not Responding:** Close and restart the ZUMIMALL app. Ensure your smartphone's operating system is up to date.

For further assistance, please contact ZUMIMALL customer support.

8. SPECIFICATIONS

Model Name	AOV - A60
Brand	ZUMIMALL
Connectivity Technology	Wireless (2.4GHz Wi-Fi, Bluetooth)

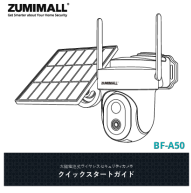| Power Source	Solar Powered (9W), 8000mAh Battery
Video Capture Resolution	3MP (2K)
Night Vision	2K Color Night Vision (6 IR LEDs, 14 White LEDs), 33 Feet Range
Pan/Tilt Range	355° Horizontal, 90° Vertical
Storage Options	MicroSD Card (up to 512GB, not included), Cloud Storage (7-day free for 6s clips)
Weather Resistance	IP65 Waterproof
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Dimensions (L x W x H)	8.96 x 4.95 x 5.89 inches
Item Weight	2.46 pounds
Compatible Devices	Laptop, Smartphone, Tablet (via CloudEdge app)
Control Method	App, Remote (via Alexa/Google Assistant)
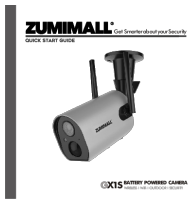
9. WARRANTY AND SUPPORT
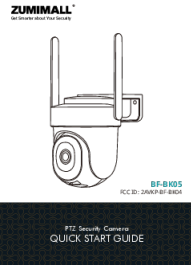
ZUMIMALL is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this manual, ZUMIMALL offers one-on-one online support to assist with any product-related inquiries or issues.

For support, please visit the official ZUMIMALL website or contact their customer service directly through the ZUMIMALL app or their provided contact channels.

You can find more information and support resources on the ZUMIMALL Store on Amazon.

Related Documents - AOV-A60

	ZUMIMALL GX1S Battery Powered Camera Quick Start Guide Quick start guide for the ZUMIMALL GX1S Battery Powered Camera, covering setup, installation, app connection, features like motion detection and two-way audio, and troubleshooting.
	Zumimall P8 Smart Video Doorbell Quick Start Guide A comprehensive quick start guide for the Zumimall P8 Smart Video Doorbell, detailing setup, app connection, chime pairing, installation, and troubleshooting steps.
	ZUMIMALL GX1S Battery Powered Camera Quick Start Guide A comprehensive quick start guide for the ZUMIMALL GX1S Battery Powered Outdoor Security Camera, detailing setup, app connection, features like PIR body detection and two-way audio, battery management, storage options, and troubleshooting.

	[ZUMIMALL BF-BK05 PTZ Security Camera Quick Start Guide](#) This quick start guide provides essential information for setting up and using the ZUMIMALL BF-BK05 PTZ Security Camera. It covers product contents, diagram explanation, app installation, account registration, connection steps, and warranty details.
	[ZUMIMALL Security Camera Installation Manual](#) Comprehensive installation guide for ZUMIMALL wireless security cameras, covering camera placement, mounting, and motion detection optimization.
	[ZUMIMALL BF-A50 Solar Wireless Security Camera Quick Start Guide](#) Comprehensive guide for setting up and using the ZUMIMALL BF-A50 solar-powered wireless security camera, covering installation, app connection, features, and troubleshooting.