

## DIHOOM AUB09MCHLFXB

# DIHOOM 4MP 2K Solar Security Camera (Model: AUB09MCHLFXB) Instruction Manual

Your Guide to Enhanced Home Security

## 1. INTRODUCTION

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The DIHOOM 4MP 2K Solar Security Camera offers a robust and wireless solution for outdoor surveillance. Featuring 4-megapixel (2K QHD) resolution, AI motion detection, two-way audio, and a solar panel for continuous power, this camera is designed to provide reliable monitoring and peace of mind for your home or property. Its weatherproof design ensures performance in various environmental conditions.

## 2. PACKAGE CONTENTS

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Verify that all items are present in your package:

- DIHOOM 4MP 2K Security Camera
- Solar Panel with Connection Cable
- USB Charging Cable
- Standard Screw-in Mounting Bracket
- Magnetic Mounting Bracket
- Mounting Screws and Wall Anchors
- User Manual and Quick Start Guide

# See Delicate Details in 4MP HD

Dynamically painting all the vivid colors and rich imagery in FHD 2560x1440 resolution



Image: The DIHOOM 4MP 2K Solar Security Camera, solar panel, mounting hardware, and cables included in the package.

Video: A detailed unboxing and overview of the DIHOOM Solar Home Security Camera's components.

## 3. SETUP

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### 3.1 App Installation

1. Scan the QR code provided in the Quick Start Guide or User Manual to download the "VicoHome" app.
2. Alternatively, search for "VicoHome" in your smartphone's App Store (iOS) or Google Play Store (Android).
3. Install the app and follow the on-screen prompts to create an account and log in. An email address is required for verification.

### 3.2 Camera Pairing

1. Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. (5 GHz Wi-Fi networks are not

supported).

2. Power on the camera by long-pressing the power button (located under the rubber dust cover) until it emits a tip sound.
3. In the VicoHome app, select "Add Device" and follow the instructions to connect the camera to your Wi-Fi network.
4. The app will display a QR code. Hold your smartphone 6-12 inches (15-30 cm) in front of the camera lens for the camera to scan the QR code. A successful scan will be indicated by a beep sound from the camera.
5. Once connected, you can name your camera and assign it a location within the app.

Video: A comprehensive guide to setting up the DIHOOM 2K Solar Security Camera, including app installation and camera pairing.

## 4. INSTALLATION

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### 4.1 Choosing a Location

Select a location that provides optimal sunlight exposure for the solar panel to ensure continuous charging. The camera is weatherproof (IP65 rated), but placing it under an eave or sheltered area can offer additional protection and extend its lifespan. Ensure the camera has a clear view of the area you wish to monitor and is within range of your 2.4 GHz Wi-Fi network.



Image: The DIHOOM camera and solar panel mounted on an outdoor wall, illustrating optimal placement for solar charging.

## 4.2 Mounting the Camera and Solar Panel

The camera offers two mounting options:

1. **Screw-in Mount:** Use the provided screws and anchors to securely attach the standard mounting bracket to a wall or ceiling. Then, attach the camera to the bracket.
2. **Magnetic Mount:** For easier adjustment and removal, screw the magnetic base into the desired location. The camera can then be magnetically attached to this base.

Connect the solar panel cable to the camera. Mount the solar panel in a position that receives maximum direct sunlight throughout the day. The cable length allows for flexible placement of the solar panel relative to the camera.

Video: Demonstrates the installation process of the DIHOOM Solar Home Security Camera, including mounting the camera and solar panel.

Video: Shows the optional magnetic mounting bracket being installed and the camera attached.

## 5. OPERATING INSTRUCTIONS

### 5.1 Live View and Two-Way Audio

Access the VicoHome app to view a live feed from your camera at any time. The built-in microphone and speaker enable two-way communication, allowing you to speak to visitors or deter unwanted guests directly through the app.



Image: Illustration of the camera's two-way audio feature, showing a user communicating with someone at their door via the app.

### 5.2 Video Resolution and Night Vision

The camera captures video in 4MP (2K QHD) resolution (2560x1440), providing clear and detailed images. It supports both color night vision (when ambient light is sufficient or spotlight is active) and infrared night vision for clear black-and-white footage in complete darkness.

## Color Night Vision & Infrared Night Vision

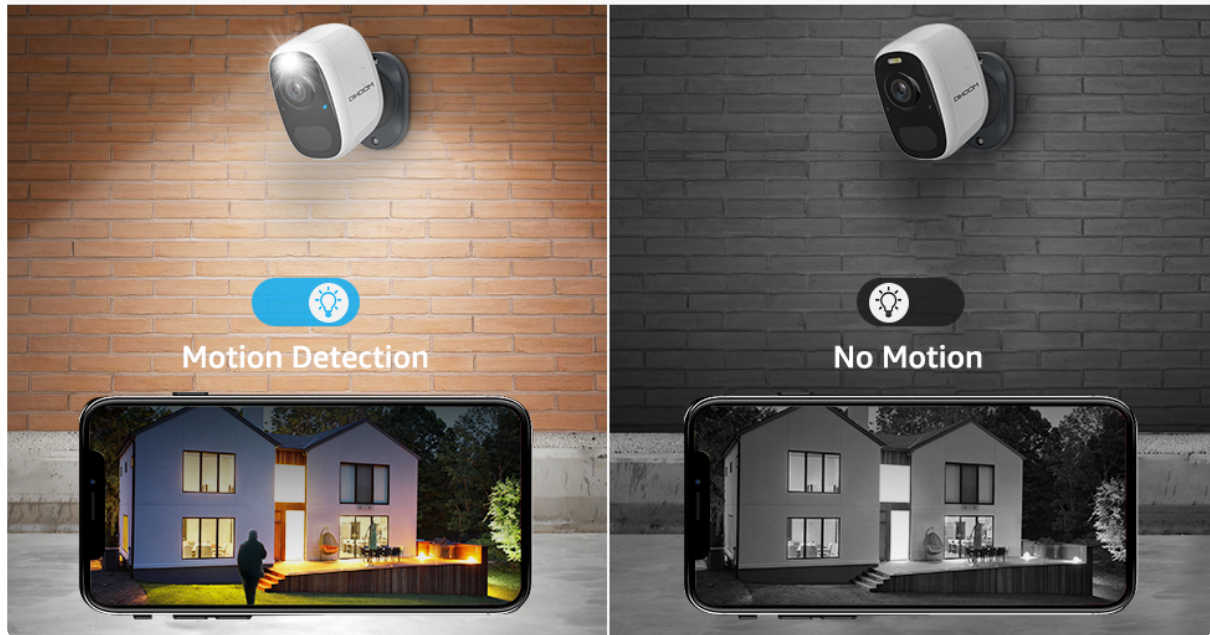


Image: Demonstrates the difference between color night vision (with motion detection) and infrared night vision (no motion) capabilities.

Video: Shows demo and quality samples of the DIHOOM 2K/Solar camera's video performance, including night vision.

### 5.3 Motion Detection and AI Analysis

The camera features adjustable motion detection sensitivity (High, Medium, Low). With an optional subscription to the Awareness Plan, the camera can utilize AI analysis to differentiate between persons, pets, vehicles, and packages, reducing false alarms and providing more relevant notifications.

## Intelligent AI Human Motion Detect and Smart Deter

Dual motion-activated warning light and siren provides an added level of security. The warning light to only be triggered when a person is detected.



Image: Illustrates the intelligent AI human motion detection feature, triggering a spotlight and siren alarm.

# Identify Fine Details with AI Recognition

Person/vehicle/package/pets detection, identify true threats - smart alerts with filters, know when a person is on your property.

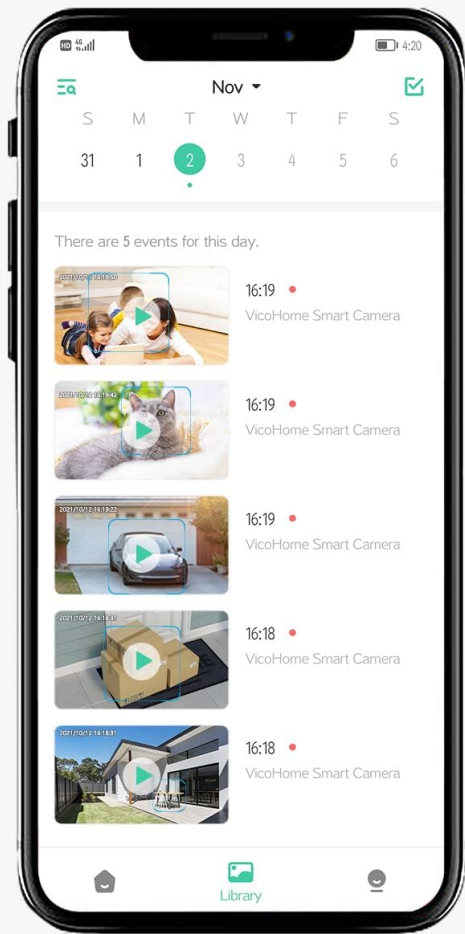


Image: The app interface displaying AI recognition capabilities for various objects like persons, pets, vehicles, and packages.

## 5.4 Activity Zones

With an optional subscription, you can customize specific activity zones within the camera's field of view. This allows the camera to focus on critical areas and only trigger alerts when motion is detected within these defined zones, further minimizing unnecessary notifications.

## Customize Security Zones for What Matters

Features security zones edit to reduce unnecessary alerts and false alarm while providing more intelligent monitoring.

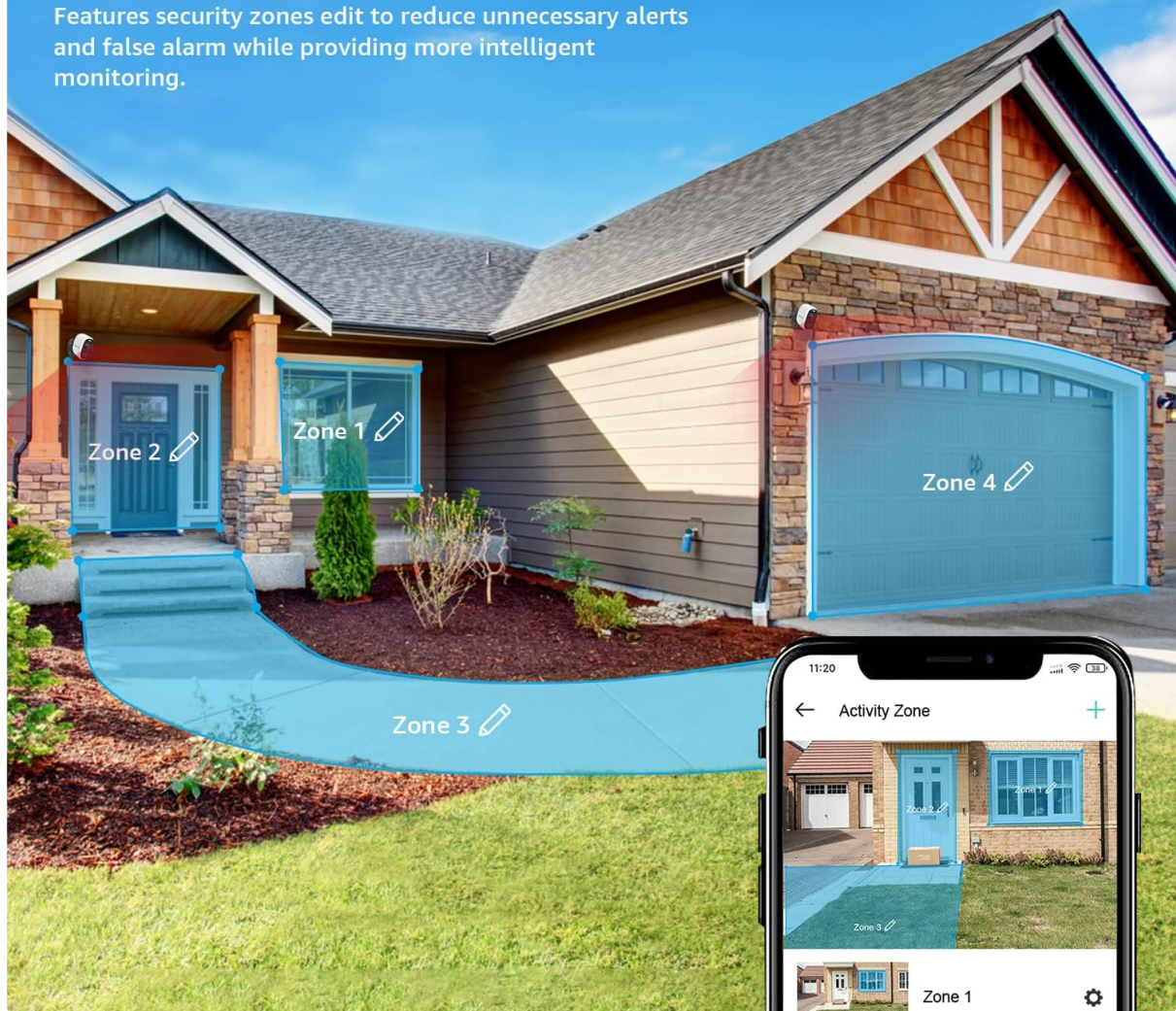


Image: A visual representation of customizable security zones set up around a house within the VicoHome app.

### 5.5 Siren Alarm and Spotlight

The camera is equipped with a siren alarm and a spotlight. These can be manually activated through the app or configured to trigger automatically upon motion detection, serving as a deterrent against potential intruders.

### 5.6 Storage Options

The camera offers flexible storage solutions:

- **Micro SD Card:** Supports up to 128GB Micro SD card (not included) for local storage of recorded footage.
- **Cloud Storage:** Includes a free 7-day loop video recording (up to 1GB). Extended cloud storage plans (15/30/60 days with up to 10GB) are available via subscription for more secure and longer-term video retention.

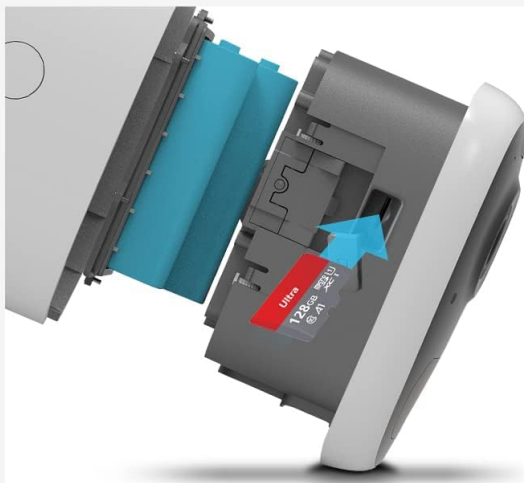
# Permanent Free Cloud Service

Micro SD Card Storage

**Free**  
**Cloud Storage**



※Free loop 7-day video recording



Up to  
**128**  
GB

※Micro SD card is not include

Image: Details the camera's storage options, including free cloud storage and support for up to 128GB Micro SD cards.

## 6. MAINTENANCE

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- Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance and charging efficiency.
- Check the camera's battery level and Wi-Fi signal strength periodically via the VicoHome app.
- Ensure the rubber dust cover for the charging port is securely closed to maintain its weatherproof rating.
- Keep the camera's firmware updated through the VicoHome app for the latest features and security enhancements.

## 7. TROUBLESHOOTING

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- **Camera not powering on:** Ensure the camera is fully charged. Connect it to the USB charging cable for several hours.
- **Cannot connect to Wi-Fi:** Verify your Wi-Fi network is 2.4 GHz. Ensure the camera is within range of your router. Re-attempt the pairing process, ensuring the QR code is clearly visible to the camera lens.
- **Poor video quality:** Check your Wi-Fi signal strength. Ensure the camera lens is clean and free from obstructions.
- **Frequent false alarms:** Adjust the motion detection sensitivity in the app. Consider utilizing Activity Zones (with subscription) to focus detection on specific areas.
- **Solar panel not charging:** Ensure the solar panel is positioned to receive maximum direct sunlight. Clean the surface of the solar panel.

## 8. SPECIFICATIONS

Feature	Specification
Brand	DIHOOM
Model Number	AUB09MCHLFXB
Effective Still Resolution	4 MP
Video Capture Resolution	2K (2560x1440)
Connectivity Technology	Wireless (Wi-Fi, 2.4 GHz only)
Power Source	Battery Powered, Solar
Waterproof Rating	IP65
Special Features	Motion Sensor, Spotlight, 2-Way Audio, AI Motion Detection
Indoor/Outdoor Usage	Outdoor
Viewing Angle	120 Degrees
Max Micro SD Card Support	128 GB

## 9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your DIHOOM 4MP 2K Solar Security Camera, please refer to the contact details provided in your product packaging or visit the official DIHOOM website. Keep your purchase receipt for warranty claims.

