AOSU B0CT96M3JH

AOSU 3K/5MP Solar Security Cameras & Video Doorbell User Manual

Model: B0CT96M3JH

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your AOSU 3K/5MP Solar Security Cameras and Video Doorbell system. This integrated security solution offers advanced monitoring capabilities for your home or property, featuring high-resolution video, solar power, and smart detection functionalities.

Figure 1.1: Overview of the AOSU Security System components, including the video doorbell, Homebase, and two solar-powered outdoor security cameras.

2. PACKAGE CONTENTS

Before proceeding with installation, please verify that all components are present in your package:

- AOSU 3K/5MP Outdoor Security Camera (x2)
- AOSU Solar Panel (x2)
- AOSU Video Doorbell (x1)
- AOSU Homebase (x1)
- Mounting Kits (screws, wall anchors, mounting brackets)
- Charging Cables
- User Manual (this document)

3. SETUP AND INSTALLATION

3.1. Homebase Setup

1. Connect the Homebase to a power outlet using the provided adapter.
2. Connect the Homebase to your router via an Ethernet cable (recommended for initial setup) or connect wirelessly through the AOSU app.
3. Wait for the indicator light on the Homebase to turn solid blue, indicating it is ready.

Figure 3.1: The AOSU Homebase, which provides local storage for up to 60 days of loop recording without a monthly fee.

3.2. AOSU App Installation and Pairing

1. Download the "AOSU" app from your smartphone's app store (iOS App Store or Google Play Store).
2. Create an account and log in.
3. Follow the in-app instructions to add your Homebase, then add the cameras and doorbell to the Homebase. This typically involves pressing a sync button on each device.

3.3. Camera Installation

1. **Choose a Location:** Select an outdoor location with a clear view of the area you wish to monitor and sufficient sunlight exposure for the solar panel. Ensure the camera is within Wi-Fi range of your Homebase.
2. **Mounting:** Use the provided mounting bracket, screws, and wall anchors to securely attach the camera to a wall or eave.
3. **Solar Panel Connection:** Connect the solar panel cable to the camera's charging port. Position the solar panel to receive maximum direct sunlight throughout the day.

Figure 3.3: The camera mounted with its solar panel, demonstrating its panoramic PTZ capabilities and 360-degree protection viewable via the app.

3.4. Video Doorbell Installation

1. **Choose a Location:** Mount the doorbell near your front door, ensuring a clear view of your entryway.
2. **Mounting:** Use the provided mounting bracket, screws, and wall anchors to secure the doorbell to your doorframe

or wall.

3. **Power:** The doorbell is battery-powered. Ensure it is fully charged before installation.

Figure 3.4: Simple installation process for the AOSU video doorbell, showing it being slid into its mounting bracket.

4. OPERATING YOUR AOSU SYSTEM

4.1. Live View and Recording

- Access live video feeds from all connected cameras and the doorbell via the AOSU app.

- Manually record video or capture screenshots from the live view.

- Review recorded events stored on the Homebase.

Figure 4.1: Demonstrates the superior clarity of the AOSU 5 Megapixel camera compared to a standard 2K resolution, showing improved detail.

4.2. Motion Detection and Alerts

- The system utilizes advanced motion detection, including human and vehicle detection, to minimize false alerts.
- Receive instant notifications on your smartphone when motion is detected.
- Adjust motion sensitivity and detection zones within the app.

Figure 4.2: The camera's active defense capabilities, including integrated light and sound deterrence, alongside human and vehicle detection.
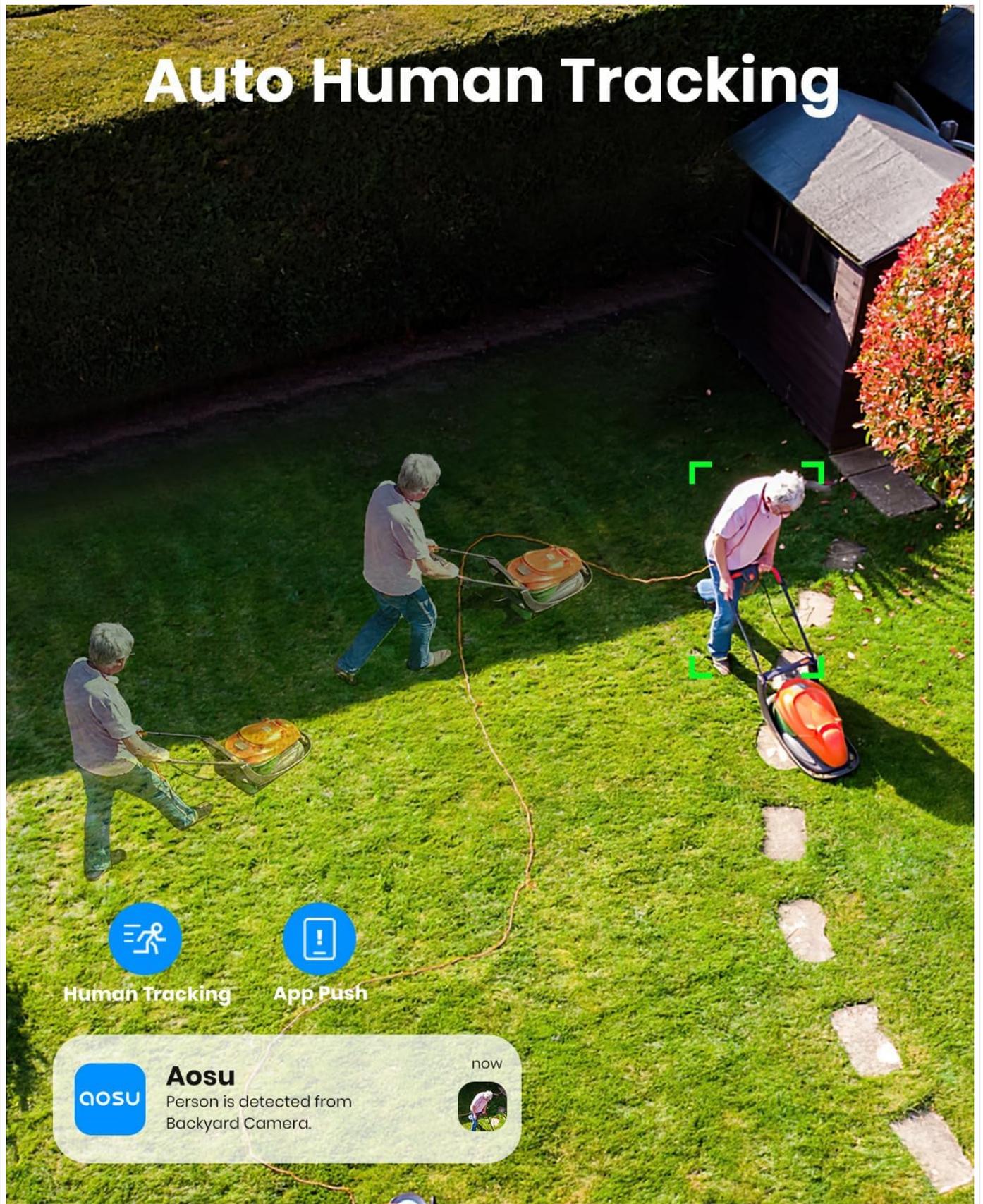
Figure 4.3: The camera's auto human tracking feature, which follows detected individuals, and an example of an app push notification for person detection.
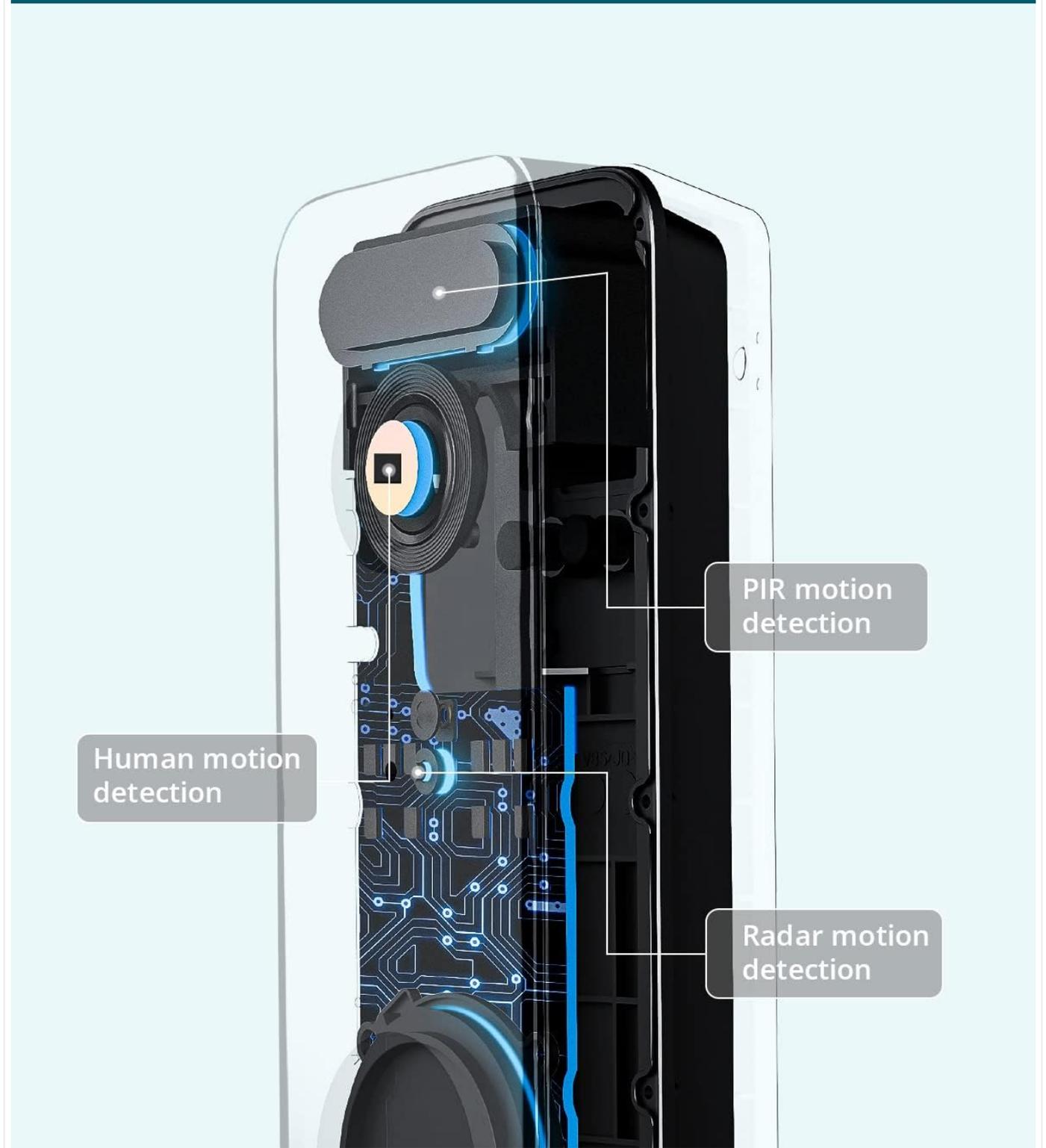
Triple Detection, No False Alerts

Figure 4.4: An internal view of the AOSU doorbell highlighting its triple detection system: PIR motion detection, human motion detection, and radar motion detection, designed to prevent false alerts.

4.3. Two-Way Audio and Night Vision

- Communicate with visitors or deter intruders using the built-in microphone and speaker.
- The cameras and doorbell feature infrared night vision for clear video monitoring in low-light conditions.

4.4. Pan-Tilt-Zoom (PTZ) Functionality

- For cameras with PTZ capabilities, use the AOSU app to remotely pan, tilt, and zoom the camera lens to adjust your viewing angle.

5. MAINTENANCE

- **Cleaning:** Periodically wipe the camera lenses and solar panels with a soft, damp cloth to ensure optimal performance. Avoid abrasive cleaners.
- **Battery Monitoring:** Monitor battery levels via the AOSU app. Ensure solar panels are free from obstructions to maximize charging efficiency.
- **Firmware Updates:** Keep your devices updated by installing the latest firmware through the AOSU app. This ensures optimal performance and security.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Device offline	Weak Wi-Fi signal, low battery, Homebase offline.	Check Wi-Fi signal strength, recharge/reposition solar panel, ensure Homebase is powered on and connected.
Frequent false alerts	High motion sensitivity, environmental factors (e.g., moving branches, shadows).	Adjust motion sensitivity settings in the app, define activity zones to exclude irrelevant areas.
Poor video quality	Dirty lens, weak Wi-Fi signal, low light conditions.	Clean the camera lens, improve Wi-Fi signal, ensure night vision is enabled if applicable.
Battery not charging	Insufficient sunlight on solar panel, faulty connection.	Reposition solar panel for maximum sun exposure, check cable connection, clean panel surface.

7. SPECIFICATIONS

Feature	Detail
Video Resolution	5 Megapixel (3K/5MP)
Connectivity	2.4/5 GHz Wi-Fi
Power Source	Battery Powered (with Solar Panel charging)
Storage	Local storage via Homebase (up to 60 days loop recording)
Night Vision	Yes
Two-Way Audio	Yes
Motion Detection	PIR, Human, Radar (for doorbell); Human/Vehicle Detection (for cameras)
Controller Type	Amazon Alexa, Google Assistant (via app)
Mounting Type	Wall Mount

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official AOSU website.

If you encounter any issues or require technical assistance, please contact AOSU Customer Support through the following channels:

- **AOSU Official Website:** www.aosulife.com (Please check for the most current contact information)
- **In-App Support:** Access support options directly within the AOSU mobile application.

Please have your product model number (B0CT96M3JH) and purchase details ready when contacting support.