AOSU C7P2BH11-2H

AOSU SolarCam Pro System Add-on Camera Instruction Manual

Model: C7P2BH11-2H | Brand: AOSU

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your AOSU SolarCam Pro System Add-on Camera. This camera is designed to expand your existing SolarCam Pro Homebase system and **requires the Homebase to function**. It is not a standalone device and is not compatible with video doorbell systems.

What's in the Box

- SolarCam Pro Add-on Camera
- Solar Panel
- Mounting Kit (screws, anchors)
- USB-C Charging Cable
- Quick Start Guide

Product Overview

The AOSU SolarCam Pro Add-on Camera offers advanced surveillance features for your home security system. It boasts 2K QHD resolution for clear images, a 166° ultra-wide-angle view to minimize blind spots, and is powered by solar energy for continuous operation.



Image: AOSU SolarCam Pro Add-on Camera with its accompanying solar panel.

Key Features:

- **Wireless Flexibility & Solar-Powered Independence:** Easy installation anywhere without wiring. Just a few hours of direct sunlight daily keeps the built-in battery charged for all-day, all-night power.



Image: The camera and solar panel mounted on an exterior wall, illustrating wireless installation and solar charging.

- **2K QHD Resolution & 166° Ultra-Wide Angle:** Offers 50% clearer images than 1080p with 6x digital zoom for detailed views. The wide-angle lens eliminates frustrating blind spots.



Image: A zoomed-in view of a license plate, demonstrating the 2K QHD resolution and digital zoom capabilities.

- **AI Smart Motion Detection:** Advanced AI ensures accurate human detection, reducing false alarms from pets or swaying branches.

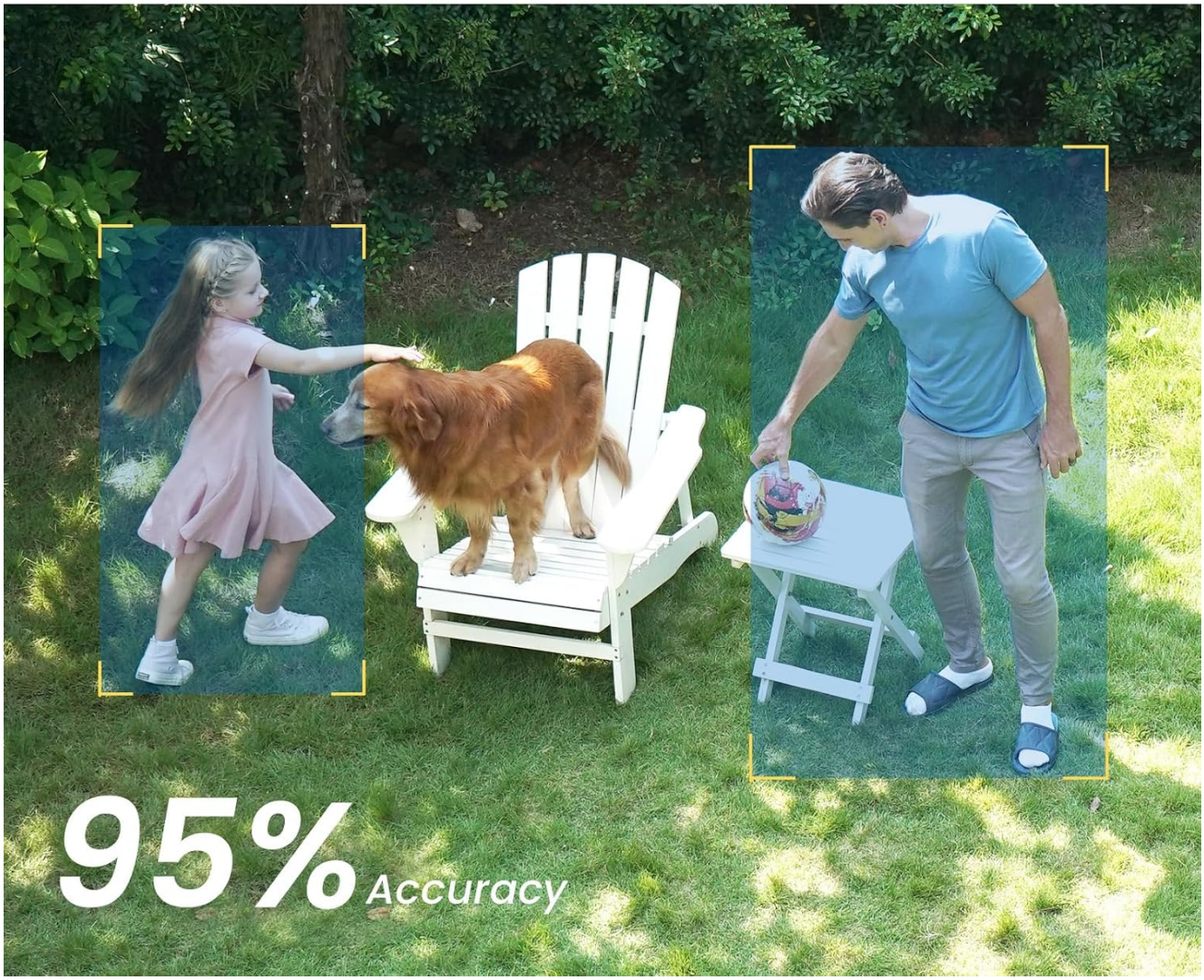


Image: The camera's AI accurately identifies a human figure while ignoring a dog, showcasing its smart motion detection.

- **Night Vision:** Powerful built-in LED spotlights provide bright and crisp color night vision. Infrared options are also available for black and white night vision.
- **Local Storage & No Monthly Fees:** Video is stored locally on the Homebase (32GB built-in storage) with local encryption, offering up to 60 days of loop recording for 4 cameras without mandatory subscriptions.

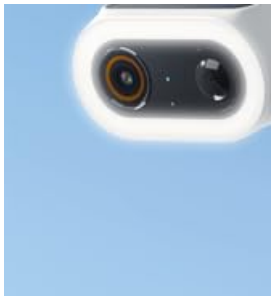


Image: The AOSU Homebase unit, highlighting its 32GB local storage capacity.

- **Multi-Cam View & Smart Control:** View up to 4 cameras live on a single screen via the AOSU app. Pre-set security modes (Away, Home) and customize activity zones.



Image: A smartphone displaying live feeds from four different cameras simultaneously, demonstrating the multi-cam view feature.

- **Two-Way Audio:** Communicate with visitors or deter intruders using the built-in speaker and microphone via the app.
- **Voice-Device Compatible:** Harmonizes with Alexa and Google Home for voice commands.

Setup

1. Initial Charging

Fully charge the add-on camera before turning it on and linking it to the Homebase. Use the provided USB-C charging cable.

2. Download the AOSU App

Download the 'AOSU' app from your smartphone's app store (Google Play Store for Android or Apple App Store for iOS).

3. Pair with Homebase

Follow the in-app instructions to add your new add-on camera to your existing Homebase. This typically involves:

1. Open the AOSU app and tap the '+' icon to add a new device.
2. Select 'WirelessCam Max/Pro System' or 'WirelessCam Max/Pro' from the model list.
3. Scan the QR Code printed on the camera using your phone's camera.
4. Turn on the camera by pressing and holding the SYNC button at the bottom for 5 seconds until the "Hello Aosu" startup sound plays and the blue light is on.

5. Press the SYNC button on the camera 3 times within 2 seconds until the blue light flashes, indicating it's in pairing mode.
6. Select your Homebase in the app to complete the pairing process.

Video: Step-by-step guide on how to set up an add-on camera for the AOSU WirelessCam/SolarCam System.

4. Placement Recommendation

For optimal operation, install the Homebase in a central location to maximize signal reach and connection to all cameras. Mount the add-on camera in a location that receives adequate direct sunlight for continuous charging.

Operating

Live View & Multi-Cam Streaming

Access live video feeds from your camera(s) anytime, anywhere via the AOSU app. If you have multiple cameras connected to your Homebase, you can view up to 4 cameras simultaneously on a single screen.

Motion Detection Settings

- **Human Only Detection:** Enable this feature to receive alerts only when human shapes are detected, minimizing notifications from pets or other moving objects.
- **Detection Zones:** Customize specific areas within the camera's view where you want motion detection to be active. This helps focus surveillance on important areas and reduce unnecessary alerts from high-traffic public spaces.

Two-Way Audio

Use the 'Talk' feature in the app to speak through the camera's built-in speaker. You can also use pre-recorded messages or a voice changer for added privacy.

Night Vision & Spotlights

The camera automatically switches to night vision in low-light conditions. You can choose between:

- **Color Night Vision:** Activates built-in spotlights to provide full-color video even in the dark.
- **Infrared Night Vision:** Provides clear black and white video in complete darkness without visible light.

Alarms & Notifications

Upon detecting intruders, the camera can activate a 105dB siren and spotlights to deter them. Instant notifications with thumbnail previews are sent to your phone, ensuring you are promptly informed of any activity.

Event Playback & History

Review recorded events by date and time. The Homebase stores video history locally, allowing you to access and download clips directly from the app.

Smart Security Modes

Pre-set your camera's modes for automated security. Effortlessly switch between 'Away mode' (for when you're out) and 'Home mode' (for when you're present) with a single tap in the app. You can also turn off all devices with a single tap for privacy.

Sharing Access

Share access to your camera feeds and settings with family members or trusted individuals. You can grant permissions for live video viewing, alarm receiving, event playback, and notification reception.

Voice Control

Integrate your AOSU system with Amazon Alexa or Google Home for convenient voice control. For example, you can ask your voice assistant to show you a live feed from a specific camera on a compatible display.

Video: Overview of the AOSU SolarCam Pro System's features, including wireless installation, 2K resolution, and smart detection.

Maintenance

Cleaning

Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance and clear image quality. Avoid abrasive cleaners.

Solar Panel Care

Ensure the solar panel is free from obstructions (e.g., leaves, dirt) that might block sunlight. Periodically check its angle to ensure it receives maximum direct sunlight, especially during seasonal changes.

Firmware Updates

Keep your camera's firmware updated through the AOSU app. Firmware updates often include performance improvements, new features, and security enhancements.

Troubleshooting

Camera Not Connecting/Pairing

- Ensure the camera is fully charged.
- Verify your Homebase is powered on and connected to your network.
- Check the Wi-Fi signal strength at the camera's location. The Homebase should be centrally located for best signal.
- Re-attempt the pairing process as described in the Setup section.

Battery Not Charging

- Ensure the solar panel is clean and free from obstructions.
- Verify the solar panel is positioned to receive at least 2 hours of direct sunlight daily.
- Check the connection between the solar panel and the camera.

False Alarms

- Enable 'Human Only Detection' in the app settings.
- Adjust the detection sensitivity to a lower level.
- Define specific 'Detection Zones' to exclude areas with frequent non-human motion.

Image Quality Issues

- Clean the camera lens.
- Ensure adequate lighting for night vision (if applicable).
- Check Wi-Fi signal strength, as poor connection can affect streaming quality.

Specifications

Feature	Detail
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi 2.4Ghz & 5.0Ghz
Video Capture Resolution	2K

Viewing Angle	166 Degrees
International Protection Rating	IP65
Item Weight	1.37 pounds
Product Dimensions	6.5 x 4.5 x 2.5 inches

Warranty & Support

This product is covered by AOSU's standard manufacturer warranty. For detailed warranty terms and support, please visit the official AOSU website or contact customer service through the AOSU app.

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