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aosu C9P

aosu T2 Pro Solar Security Camera User Manual

Model: C9P

Introduction

The aosu T2 Pro Solar Security Camera is a wireless outdoor surveillance device designed to provide comprehensive home security. Featuring a unique dual-lens system, it combines a 170° fixed wide-angle lens with a 360° Pan-Tilt-Zoom (PTZ) camera to eliminate blind spots. Equipped with 3K resolution, AI-powered human and vehicle tracking, full-color night vision, and solar charging capabilities, this camera offers reliable and efficient monitoring. This manual provides essential information for setting up, operating, and maintaining your aosu T2 Pro camera.

Package Contents

Ensure all items are present before proceeding with installation:

- aosu T2 Pro Solar Security Camera
- Mounting Bracket
- Charging Cable
- Expansion Screws
- Positioning Stickers

Product Overview

The aosu T2 Pro integrates advanced features for superior surveillance:

- **Dual Camera Technology:** Combines a 170° wide-angle fixed lens with a 360° PTZ lens for complete coverage without blind spots.
- **3K Resolution:** Both lenses capture ultra-clear 3K video, supporting up to 8x digital zoom for detailed viewing.
- **Full Color Night Vision:** Enhanced IR-assisted full color night vision ensures clear evidence day and night.
- **AI Human & Vehicle Tracking:** On-device AI detects people and vehicles, automatically tracking movement with the PTZ camera.
- **Two-Way Talk & Siren:** Communicate with visitors or deter intruders using two-way audio, lights, and siren.
- **Solar Powered:** A high-efficiency solar panel and 9,200mAh battery provide year-round power.
- **IP65 Weather Resistance:** Built to withstand sun, rain, heat, and snow for reliable outdoor performance.

Image: The aosu T2 Pro camera featuring its dual lenses and integrated solar panel for continuous power.

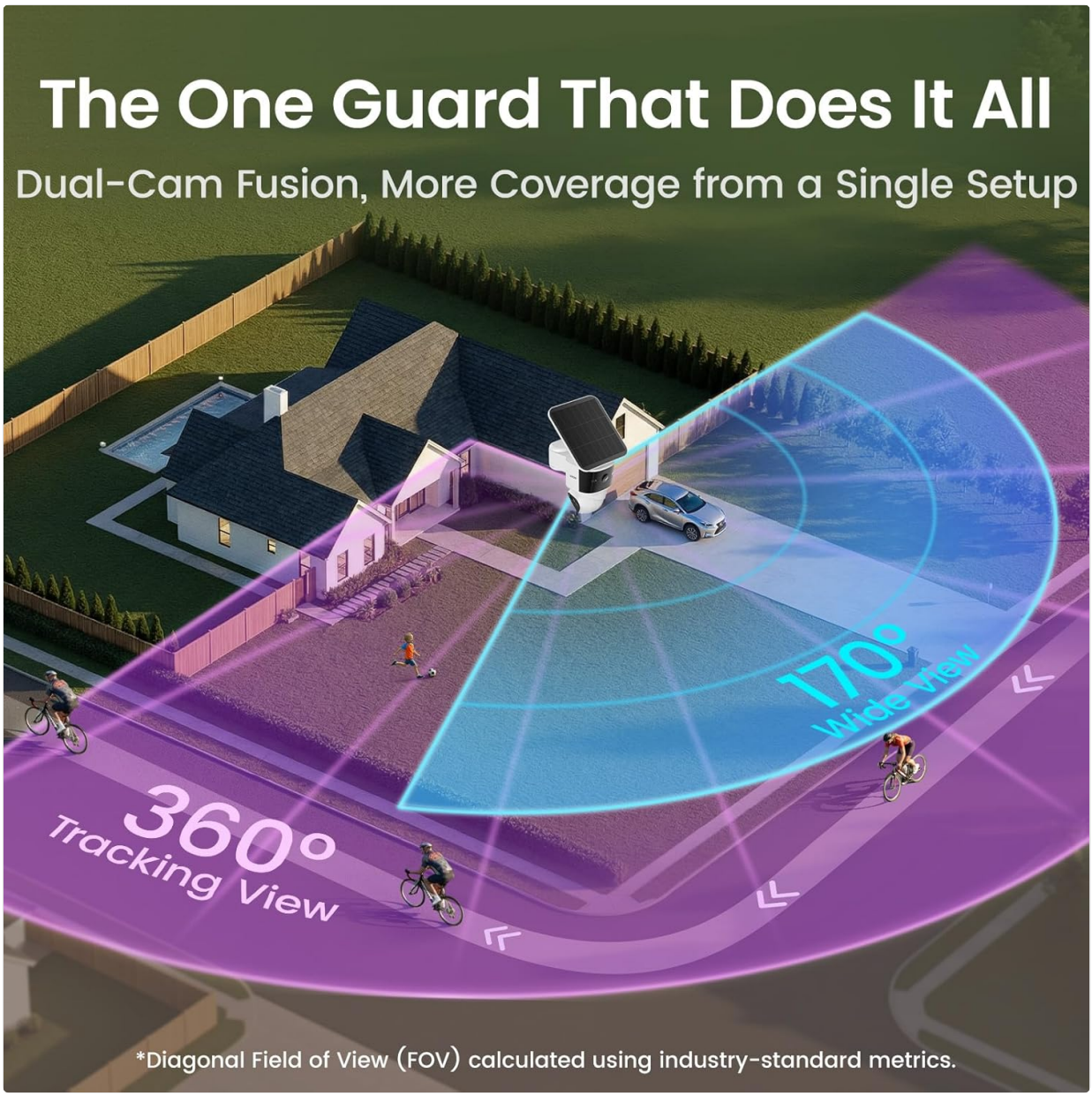

Image: Illustration of the camera's 170-degree wide view and 360-degree tracking view covering a property.

Setup

The aosu T2 Pro is designed for a simple 3-step wireless installation:

1. **Mount the Bracket:** Choose an optimal outdoor location, ideally a corner or elevated position for maximum coverage and sunlight exposure for the solar panel. Use the positioning stickers and expansion screws to securely attach the mounting bracket.
2. **Attach the Camera:** Slide the aosu T2 Pro camera onto the mounted bracket. Ensure it clicks securely into place.
3. **Connect to App:** Download the aosu app on your Android or iOS smartphone. Follow the in-app instructions to connect your camera to your Wi-Fi network using the QR code scan.

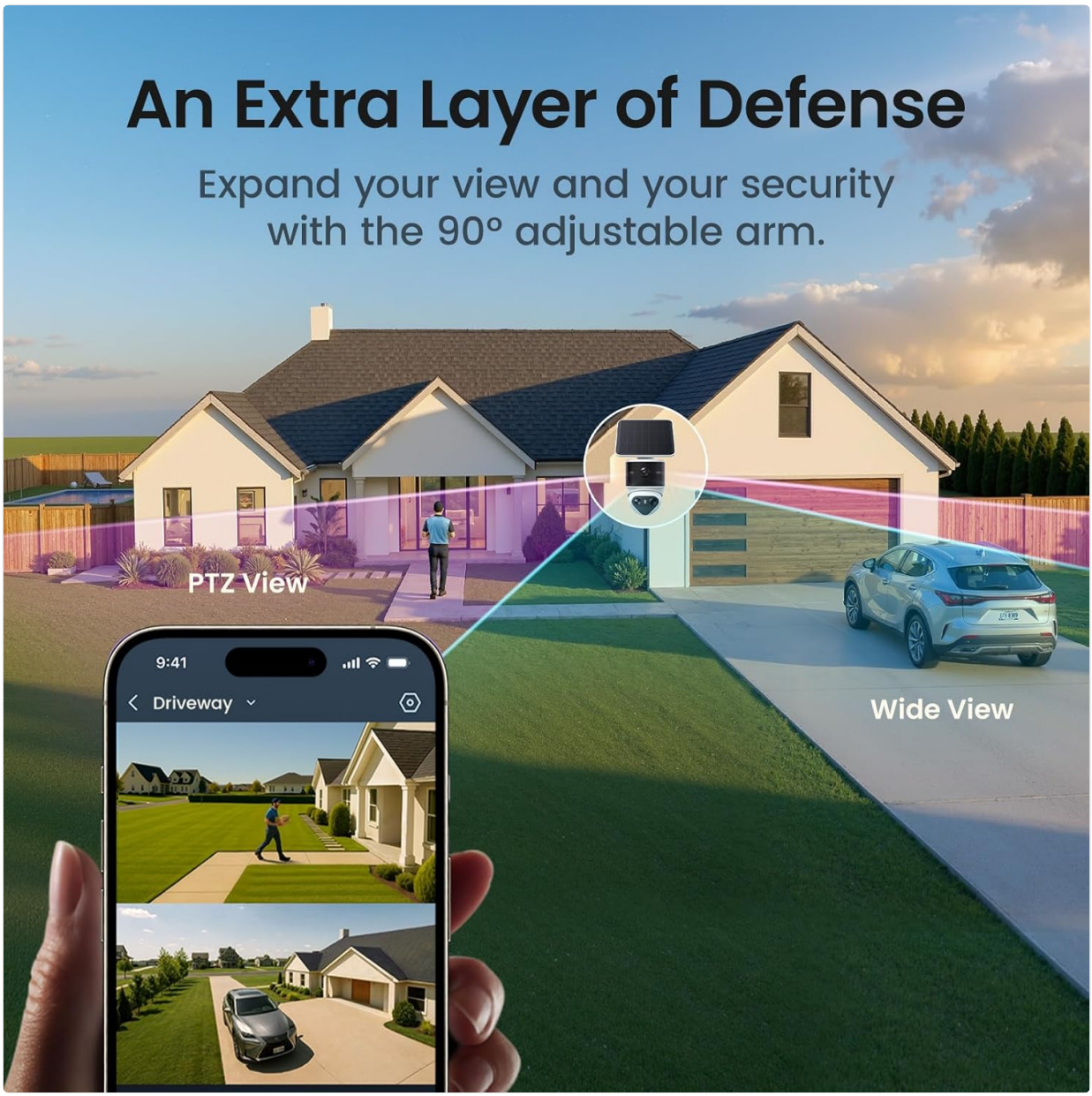

Image: The aosu T2 Pro camera mounted on an exterior wall, showcasing its solar panel positioning.

Operating Instructions

Utilize the aosu app to control and monitor your camera:

- **Live View:** Access real-time video streams from both the wide-angle and PTZ cameras.
- **PTZ Control:** Manually pan and tilt the 360° camera directly from the app. Tap anywhere on the wide-angle view to instantly direct the PTZ camera to that spot.
- **AI Detection & Tracking:** Customize detection zones and set alerts for human and vehicle activity. The Lock-Capture technology ensures continuous recording of events.
- **Two-Way Talk:** Use the built-in microphone and speaker for two-way communication.
- **Siren & Lights:** Activate the integrated siren and spotlights to deter unwanted activity.
- **Night Vision Modes:** Switch between enhanced IR-assisted full color night vision and standard black & white night vision as needed.

Video: Official product video demonstrating the aosu T2 Pro Solar Security Camera's features and operation.

Storage Options

The aosu T2 Pro offers flexible and secure storage solutions:

- **Local Storage:** Supports encrypted local storage and playback with zero subscription fees. Expand storage up to 256GB using a microSD card (sold separately).
- **Cloud Storage:** Optional cloud storage is available via in-app purchase for automatic backup and remote access.
- **aosuBase** / **aosuCortex:** Connect to an aosuBase or aosuCortex (available in March) to scale into a multi-camera home security system and enable cross-camera tracking.

Image: Close-up of the aosu T2 Pro camera showing the microSD card slot for local storage.

Power Management

The camera is designed for continuous operation with minimal intervention:

- **Solar Charging:** The high-efficiency solar panel keeps the 9,200mAh battery charged. Approximately 90 minutes of effective sunlight per day is sufficient for daily needs under typical usage (50 events/day, 20 seconds each).
- **Battery Life:** The large battery capacity ensures operation even during periods of low sunlight or overcast weather, with the solar panel providing supplemental power.
- **USB-C Charging:** A USB-C port is available for manual charging if needed, especially in prolonged periods without sufficient sunlight.

App Features

The aosu app provides a user-friendly interface for managing your camera:

- **Smart Playback:** Directly view important clips on a timeline for a daily overview.
- **Real-Time Notifications:** Receive fast, accurate alerts with a synced overview to take quick action.
- **Voice Alerts:** Customize pre-recorded voice messages to play automatically or manually.
- **Smart Home Integration:** Compatible with Amazon Alexa and Google Assistant for voice control and integration into your smart home ecosystem.
- **Family Sharing:** Grant role-based access to family and friends, allowing them to view footage while maintaining control.

Specifications

Feature	Detail
Model Number	C9P
Video Resolution	3K
Viewing Angle	170° Wide (fixed), 360° PTZ
Digital Zoom	8x
Night Vision Range	10 Meters
Battery Capacity	9,200mAh
Water Resistance	IP65
Local Storage	Up to 256GB microSD (sold separately)
Connectivity	Wi-Fi, Bluetooth
Compatible Devices	Android, iOS, Amazon Alexa, Google Assistant
Dimensions (L x W x H)	8.2 x 5.01 x 6.48 inches
Item Weight	3.3 pounds

Troubleshooting

If you encounter issues with your aosu T2 Pro camera, try the following:

- **Connectivity Issues:** Ensure your camera is within Wi-Fi range and the signal is strong. Restart your router and the camera.
- **Charging Problems:** Verify the solar panel is receiving direct sunlight for at least 90 minutes daily. Check the USB-C connection if charging manually.
- **False Alerts:** Adjust AI detection settings, customize detection zones, and refine sensitivity levels in the aosu app to minimize irrelevant motion triggers.
- **No Audible Notifications:** Check app notification settings and ensure your phone's volume is up. Verify the camera's microphone and speaker are enabled.

Warranty and Support

For warranty information, technical assistance, or customer support, please refer to the official aosu website or contact their customer service directly. Online support resources and FAQs are available to help with setup and operation.