AOSU L5P2CA11

AOSU Floodlight Camera L5P-US Instruction Manual

Model: L5P2CA11 | Brand: AOSU

Product Overview

The AOSU Floodlight Camera L5P-US provides comprehensive outdoor security with its 3K UHD resolution and 360° pan and 90° tilt capabilities. Designed for continuous 24/7 recording, it ensures constant monitoring of your property. The integrated 2600-lumen floodlight activates upon motion detection, offering bright illumination and full-color night vision. Advanced AI detection distinguishes between humans, vehicles, and pets, minimizing false alarms. This hardwired camera supports local storage via a Micro SD card (up to 128GB), eliminating the need for monthly fees.



Figure 1: AOSU Floodlight Camera L5P-US

What's in the Box

- AOSU Floodlight Cam Pro
- Mounting Kit
- Screw Packs
- Quick Start Guide

Setup and Installation

The AOSU Floodlight Camera is designed for hardwired installation on a junction box. It supports both wall and ceiling mounting. Ensure power is disconnected at the fuse or circuit breaker before beginning installation to avoid electrical

shock.

Installation Steps:

1. **Power Disconnection:** Disconnect the household power supply at the fuse or circuit breaker.
2. **Mounting Plate:** Secure the mounting plate to your junction box. The concave side of the mounting plate should face outwards.
3. **Wiring:** Connect the camera's wires to the corresponding wires from the junction box using wire nuts. Ensure proper grounding.
4. **Secure Camera:** Attach the camera to the mounting plate, ensuring it is firmly secured with the provided screws.
5. **Adjust Angle:** Adjust the angle of the floodlight and camera as needed for optimal coverage.
6. **Power Restoration:** Restore power at the fuse or circuit breaker.



Figure 2: Hardwired Installation Diagram. Always cut off power before wiring.

Official Installation Video:

Your browser does not support the video tag.

Video 1: Official AOSU Floodlight Camera Pro Wired Installation Guide. This video provides a detailed walkthrough of the installation process, including wiring and mounting instructions.

Operating Instructions

The AOSU Floodlight Camera is controlled via a dedicated mobile application available for Android devices. After successful installation and power-up, follow the app's instructions to connect the camera to your Wi-Fi network.

Key Features:

- **24/7 Continuous Recording:** The camera records constantly, ensuring no critical events are missed.
- **3K UHD Resolution with 6x Digital Zoom:** Provides crystal-clear video quality, allowing you to zoom in on distant details.
- **360° Pan & 90° Tilt:** Offers comprehensive surveillance with full rotational and vertical movement.
- **2600-Lumen Smart Floodlight:** Automatically activates at night with motion detection, providing bright illumination and enabling color night vision. Brightness is adjustable.
- **AI-Precision Detection & Tracking:** Identifies and tracks humans, vehicles, and pets, reducing false alarms. Features include Human Detection, Vehicle Detection, Pet Detection, Intrusion, and Parking Guard.
- **Out of View Security:** Three PIR sensors offer a 270° detection area, allowing the camera to detect and track objects even outside its immediate field of view.
- **Dual-Threat Deterrence:** Activates floodlight and alarm simultaneously to deter intruders.
- **Two-Way Audio:** Communicate with visitors or deter unwanted guests directly through the camera via the app.
- **Voice Control:** Compatible with Amazon Alexa and Google Home for convenient voice commands.



Figure 3: The camera provides 24/7 continuous recording.



Figure 4: Achieve a total 360° view with pan and tilt functions.

Maintenance

The AOSU Floodlight Camera is IP65-rated, ensuring durability and protection against dust and water jets. This makes it suitable for outdoor use in various weather conditions. Regular cleaning of the lens and floodlight covers with a soft, damp cloth is recommended to maintain optimal performance and image clarity. Avoid using harsh chemicals or abrasive materials.

Troubleshooting

- **No Power:** Ensure the camera is correctly wired to a functioning junction box and the circuit breaker is on.
- **Wi-Fi Connection Issues:** Verify your Wi-Fi network is 2.4GHz (5GHz is not supported). Ensure the camera is within range of your router.
- **Poor Image Quality:** Check for obstructions on the lens or dirt/dust. Ensure adequate lighting conditions, especially at night (floodlight should activate).
- **False Alarms:** Adjust AI detection sensitivity settings within the app. Customize activity zones to focus on relevant

areas.

- **Micro SD Card Not Detected:** Ensure the Micro SD card is correctly inserted and formatted within the app. Use a Class 10 or higher card.

Specifications

Feature	Detail
Model Number	L5P2CA11
Power Source	100V-240V AC Compatible
Connectivity Technology	Hardwired, Wi-Fi (2.4GHz)
Video Capture Resolution	3K UHD (5 MP Effective Still Resolution)
Viewing Angle	360 Degrees (Pan), 90 Degrees (Tilt)
Floodlight Brightness	2600 Lumens
Night Vision Range	33 Feet
Water Resistance Level	IP65 (Water Resistant)
Local Storage	Micro SD (up to 128 GB)
Control Method	App (Android)
UPC	630504690171

Warranty and Support

AOSU products typically come with a limited manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official AOSU website for detailed warranty information and terms. For technical support, troubleshooting assistance, or warranty claims, please contact AOSU customer service through the contact information provided in your Quick Start Guide or on the official AOSU support page.

For additional resources and FAQs, visit the AOSU Store on Amazon.

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

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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

Answered questions about this manual

How do I turn off the voice warning or alarm on the AOSU Floodlight Camera L5P2CA11?

To turn off the voice warning or alarm on your AOSU Floodlight Camera L5P2CA11, you must use the AOSU mobile application. This feature is part of the camera's "Dual-Threat Deterrence" system.Follow these general steps...

Read full answer