

[Manuals.plus](#) /

› [AOSU](#) /

› AOSU Wireless Doorbell Camera User Manual

AOSU V8P1AX11

AOSU Wireless Doorbell Camera User Manual

Model: V8P1AX11

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your AOSU Wireless Doorbell Camera. This battery-powered video doorbell offers 2K resolution, a 180-day battery life, and advanced AI detection capabilities. It operates on 2.4GHz WiFi and is designed to work seamlessly with Alexa and Google Assistant, providing enhanced home security without requiring a subscription.

WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- AOSU Wireless Doorbell Camera Unit
- AOSU Chime / Base Station
- Rechargeable Battery (pre-installed or separate)
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual (this document)
- 8GB Micro SD Card (pre-installed or separate)



Image: The AOSU Wireless Doorbell Camera unit (black, rectangular) and its accompanying white chime/base station.

SETUP

1. Charging the Doorbell Battery

Ensure the doorbell battery is fully charged before installation. Connect the doorbell to a power source using the provided

USB charging cable. The indicator light will show charging status.

2. Installing the AOSU App

Download the official AOSU app from your smartphone's app store (iOS or Android). Follow the on-screen instructions to create an account and add your new doorbell device.

3. Connecting the Base Station

Plug the signal-enhanced base station repeater into an electrical outlet within range of your 2.4GHz Wi-Fi network and your doorbell. The base station helps maintain a stable connection and acts as the indoor chime.

No Subscription Required



Image: The white AOSU chime/base station plugged into an outlet, highlighting the Micro SD card slot.

4. Mounting the Doorbell

Select a suitable location for your doorbell, typically near your front door. Use the provided mounting bracket and screws to securely attach the doorbell to the wall. Ensure the camera has a clear, unobstructed view.

See, Hear, and Speak to Visitors from Anywhere



Image: A hand holding a smartphone showing the live video feed from the AOSU doorbell, demonstrating two-way communication features.

OPERATING THE DOORBELL CAMERA

Live View and Two-Way Audio

Access the live video feed from your doorbell anytime through the AOSU app. Utilize the two-way audio feature to communicate with visitors at your door from anywhere.

2K Resolution and Wide Viewing Angle

The doorbell captures video in 2K resolution with a 166° wide viewing angle and a 4:3 aspect ratio, allowing you to see a person from head to toe and packages on the ground.

See Full Picture, from Head to Toe

AOSU

Others



4:3 Aspect Ratio
166° Ultra Wide Angle



16:9 Aspect Ratio
110° View Angle

Image: A side-by-side comparison showing the wider vertical view provided by the AOSU doorbell's 4:3 aspect ratio compared to a standard 16:9 view.

Smart Human Detection and Alerts

The doorbell uses advanced AI algorithms to accurately identify human motion, reducing false alarms. You will receive instant notifications on your smartphone when human activity is detected.

Quick Reply and Voice Changer

When a visitor rings the bell, you can answer or hang up the video call directly. Alternatively, select from preset quick voice replies or use the voice changer feature to protect your privacy.

Integration with Smart Home Systems

The AOSU Wireless Doorbell Camera is compatible with Amazon Alexa and Google Assistant, allowing for voice control and integration into your existing smart home ecosystem.

See Who's there, Even at Night



Image: A smart display showing the live feed from the AOSU doorbell, with "Works with Hey Google" and "Works with Alexa" logos.

MAINTENANCE

Battery Life and Charging

The doorbell features a 180-day battery life under normal usage conditions. When the battery is low, you will receive a notification via the app. Recharge the doorbell using the provided USB cable.

Local Storage

The doorbell includes an 8GB Micro SD card for local storage, supporting up to 2 months of secure video recordings without any monthly subscription fees. The Micro SD card is housed in the base station for added security.

Cleaning

Wipe the camera lens and doorbell surface with a soft, damp cloth as needed to ensure clear video quality. Avoid using harsh chemicals or abrasive materials.

TROUBLESHOOTING

Problem	Possible Cause / Solution
Doorbell not connecting to Wi-Fi.	Ensure the base station is within range of your 2.4GHz Wi-Fi router. Restart your router and the base station. Re-pair the doorbell through the AOSU app.
Frequent false alarms.	Adjust the motion detection sensitivity settings in the AOSU app. Utilize the customizable detection zones to exclude areas with irrelevant motion (e.g., passing cars, pets).
Poor video quality or night vision.	Clean the camera lens. Ensure there are no obstructions. Check your Wi-Fi signal strength; a weak signal can affect streaming quality.
Battery not holding charge or draining quickly.	Ensure the doorbell is fully charged. High activity levels or extreme temperatures can affect battery life. If issues persist, contact customer support.
No video recordings saved.	Verify that the 8GB Micro SD card is correctly inserted into the base station. Check the recording settings in the AOSU app to ensure local storage is enabled.

SPECIFICATIONS

- Model:** V8P1AX11
- Video Resolution:** 2K (1440 Pixels Effective Resolution)
- Viewing Angle:** 166 Degrees
- Aspect Ratio:** 4:3
- Connectivity:** 2.4 GHz Wireless (Wi-Fi)
- Power Source:** Battery Powered (1 Lithium Ion battery included)
- Battery Life:** Up to 180 days (typical usage)
- Local Storage:** 8GB Micro SD card included (supports up to 2 months)
- Night Vision Range:** 33 Feet (Infrared Night Vision)
- AI Features:** AI Human Detection
- Smart Home Compatibility:** Amazon Alexa, Google Assistant
- Ingress Protection Rating:** IP66 (Weatherproof)
- Dimensions (L x W x H):** 5.43 x 6.14 x 2.48 inches

Item Weight: 1.12 pounds

WARRANTY AND SUPPORT

AOSU is committed to providing high-quality products and excellent customer service. Many users have reported positive experiences with AOSU's support team, highlighting their responsiveness and helpfulness. For detailed warranty information, technical assistance, or to report an issue, please refer to the official AOSU website or contact their customer support directly. You can also find the official User Guide in PDF format [here](#).

© 2025 AOSU. All rights reserved.

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

Answered questions about this manual

How can I delete all videos taken by the AOSU V8P1AX11 Wireless Doorbell Camera at once, or all videos from a single day, instead of deleting them one by one?

To delete multiple videos from your AOSU V8P1AX11 Wireless Doorbell Camera, you should use the management features within the AOSU app. While the physical manual focuses on installation, app-based storage management typically follows these...

[Read full answer](#)