

LEDVANCE 75829 Cam v2

LEDVANCE WiFi Smart Outdoor Camera Cam v2 Instruction Manual

Model: 75829 Cam v2

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LEDVANCE WiFi Smart Outdoor Camera Cam v2. Please read this manual thoroughly before using the device to ensure proper functionality and safety. This camera is designed to provide outdoor security coverage with features such as HD video, two-way audio, and smart home compatibility.

PRODUCT OVERVIEW

The LEDVANCE WiFi Smart Outdoor Camera Cam v2 offers comprehensive security features for your home. Key functionalities include:

- **1080p HD Video:** Provides clear day and night video surveillance.
- **Two-Way Audio:** Allows for communication through the camera.
- **Human Detection Sensor:** Triggers alerts upon detecting human presence.
- **SYLVANIA App Control:** Manage camera functions directly from your smartphone or tablet.
- **Local and Cloud Storage:** Supports microSD cards up to 128GB and optional cloud storage subscription.
- **Weatherproof Design:** IP65 rated for outdoor use.
- **Long-lasting Battery:** 9600mAh rechargeable lithium battery provides up to 90 days of security on a single charge.
- **Smart Home Integration:** Compatible with Amazon Alexa and Google Home for motion alerts.



Figure 1: Overview of camera features including WiFi, Alexa/Google compatibility, motion alerts, recording, streaming, and night vision.

PACKAGE CONTENTS

Verify that all items are present in the package:

- LEDVANCE WiFi Smart Outdoor Camera Cam v2
- Power Adapter
- Micro USB Cable
- Magnetic Mount
- Standard Mounting Bracket
- Mounting Hardware (screws, anchors)

SETUP

1. Charging the Battery

The camera is equipped with a 9600mAh rechargeable lithium battery. Before initial use, fully charge the camera using the provided micro USB cable and power adapter. A full charge can provide up to 90 days of security, depending on usage. The battery is designed for approximately 300 charge cycles or 2 years of use and cannot be replaced by the user.

2. App Download and Account Creation

Download the SYLVANIA App from your smartphone's app store (iOS or Android). Follow the on-screen instructions to create an account and log in.

3. Camera Pairing

1. Ensure your smartphone is connected to a 2.4GHz WiFi network. The camera requires a 2.4GHz network for connectivity.
2. Open the SYLVANIA App and select the option to add a new device.
3. Follow the in-app instructions to put the camera into pairing mode. This usually involves pressing a reset button or power button for a few seconds until an indicator light flashes.
4. Scan the QR code displayed in the app with the camera lens, or follow alternative pairing methods as guided by the app.
5. Once paired, name your camera and configure initial settings.

4. Physical Installation

Choose a suitable outdoor location for your camera, ensuring good WiFi signal strength and an unobstructed view of the area you wish to monitor. The camera is IP65 weatherproof rated, suitable for various outdoor conditions.

- **Magnetic Mount:** For easy adjustment and temporary placement, attach the camera to the magnetic mount.
- **Standard Mounting Bracket:** For more permanent installation, use the provided mounting bracket and hardware to secure the camera to a wall or other surface. Ensure the bracket is firmly attached before securing the camera.



Figure 2: Camera mounted using the standard bracket.

OPERATING INSTRUCTIONS

1. Live View and Two-Way Audio

Open the SYLVANIA App and select your camera to view the live 1080p HD video feed. The camera features a 130-degree viewing angle. Use the microphone and speaker icons within the app to activate two-way audio, allowing you to listen and speak through the camera.



Figure 3: Remote viewing of camera feed via smartphone.

2. Motion Detection and Alerts

The camera is equipped with a human detection sensor. Configure motion detection sensitivity and alert preferences within the SYLVANIA App. When motion is detected, the camera can send instant notifications to your smartphone. The camera also supports AI detection to distinguish humans from other movements, reducing false alerts.



Figure 4: Motion detection highlighting a person.



Figure 5: AI detection distinguishing human figures.

3. Recording and Storage

The camera supports recording video footage. You can save captured media content locally using a microSD card (up to 128GB, not included) or opt for cloud storage with a subscription. The app allows you to take pictures and videos directly to your phone or tablet.



Figure 6: Flexible data storage options.



Figure 7: Auto-capture motion recording at night.

4. Night Vision

The camera provides night vision capabilities up to 32.8 feet (10 meters), ensuring clear visibility even in low-light conditions.

5. Privacy Mode

Activate privacy mode through the SYLVANIA App to temporarily disable recording and live viewing for enhanced privacy.

6. Scheduled Operation

Set schedules within the app to automatically turn the camera on or off at specific times, optimizing battery life and surveillance periods.

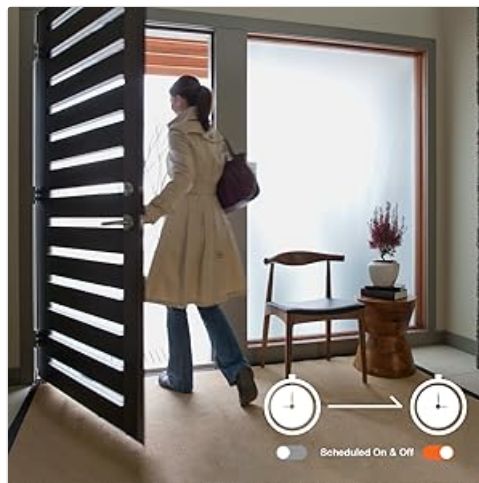


Figure 8: Scheduled On & Off feature.

MAINTENANCE

1. Battery Management

Monitor the battery level through the SYLVANIA App. Recharge the camera promptly when the battery is low to ensure continuous operation. Avoid fully depleting the battery frequently to prolong its lifespan.

2. Cleaning

Periodically clean the camera lens and housing with a soft, damp cloth to remove dust, dirt, or smudges that may affect image quality. Do not use harsh chemicals or abrasive cleaners.

TROUBLESHOOTING

- **Camera Not Connecting to WiFi:** Ensure your WiFi network is 2.4GHz. Check that the camera is within range of your router. Restart your router and the camera, then attempt pairing again.
- **Poor Video Quality:** Check for obstructions in front of the lens. Ensure the lens is clean. Verify your internet connection speed.
- **Motion Alerts Not Received:** Confirm motion detection is enabled in the app and sensitivity settings are appropriate. Check app notification settings on your smartphone.
- **Battery Drains Quickly:** Frequent motion detection, live viewing, or two-way audio use can increase battery consumption. Adjust settings to optimize battery life.
- **Two-Way Audio Issues:** Ensure microphone and speaker permissions are granted to the SYLVANIA App on your smartphone. Check volume settings.

SPECIFICATIONS



Figure 9: Camera dimensions.

Feature	Detail
Model Number	75829 Cam v2
Indoor/Outdoor Usage	Outdoor

Video Capture Resolution	1080p HD
Frame Rate	25 fps
Image Sensor	1/2.9" 2 Megapixel CMOS
Lens	3.2mm@F2.0 with 130 degree viewing angle
Night Vision	Up to 32.8 ft (10m)
Connectivity Protocol	Wi-Fi (2.4GHz only)
Power Source	Battery Powered
Battery Type	9600mAh Rechargeable Lithium Ion (non-replaceable)
Battery Life	Up to 90 days per charge (approx. 300 cycles or 2 years)
Local Storage	microSD slot (max. 128GB)
Cloud Storage	Optional with subscription
Weatherproof Rating	IP65
Controller Type	Amazon Alexa, Google Home
Mounting Type	Wall Mount (Magnetic or Standard Bracket)
Product Dimensions (L x W x H)	2.52 x 2.28 x 3.94 inches
Item Weight	1.3 pounds

WARRANTY INFORMATION

The LEDVANCE WiFi Smart Outdoor Camera Cam v2 is covered by a one-year warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

SUPPORT

For further assistance, technical support, or warranty inquiries, please refer to the contact information provided with your product packaging or visit the official LEDVANCE website. Ensure you have your model number (75829 Cam v2) and purchase details available when contacting support.