

Swann SWNVW-490

Swann SWNVW-490 1080P WiFi Bullet Security Camera User Manual

1. PRODUCT OVERVIEW

This manual provides instructions for the Swann SWNVW-490 1080P WiFi Bullet Security Camera. This camera is designed for both indoor and outdoor surveillance, offering high-definition video, motion detection, night vision, and two-way audio capabilities.

Key Features:

- **Wireless Video Signal:** The camera connects wirelessly to your NVR, simplifying installation.
- **1080p Full HD Video:** Capture clear details such as faces, license plates, and clothing colors.
- **24/7 Protection:** Equipped with powerful night vision up to 115ft (35m) and the ability to display color video at night.
- **Heat Sensing (True Detect):** Advanced heat and motion detection triggers recording and sends push notifications upon detecting heat from warm objects like people and cars.
- **2-Way Talk:** A built-in microphone and speaker allow for listening, two-way communication, and audio recording.



Image 1.1: Swann SWNVW-490 1080P WiFi Bullet Security Camera. This image shows the white bullet-style camera with its antenna, lens, and mounting base.

2. SETUP AND INSTALLATION

Follow these steps to properly set up your Swann SWNVW-490 camera.

2.1 Package Contents

Ensure all components are present:

- Swann SWNVW-490 Camera Body
- Mounting Screws and Plugs
- Power Adapter

2.2 Mounting the Camera

The camera supports both wall and ceiling mount installations.

1. Choose a suitable location for installation, considering the desired viewing angle and proximity to a power outlet.
2. Use the mounting template (if provided) or the camera base to mark screw holes on the wall or ceiling.
3. Drill pilot holes and insert wall plugs if mounting on masonry.
4. Secure the camera base using the provided screws.
5. Adjust the camera's angle for optimal coverage.

2.3 Powering On and Connectivity

1. Connect the camera to the power adapter and plug it into a power outlet.
2. The camera will power on and begin its startup sequence.
3. Refer to your Swann NVR or the Swann Security app for instructions on pairing the camera to your system via Wi-Fi.

3. OPERATION

Operating your Swann SWNVW-490 camera primarily involves using the Swann Security app on your smartphone.

3.1 App Control

Download the official Swann Security app from your device's app store. Once installed and your camera is paired, you can:

- View live video streams from your camera.
- Access recorded footage.
- Receive motion alerts and notifications.
- Utilize the two-way audio feature to listen and speak through the camera.
- Adjust camera settings, including motion detection sensitivity and night vision modes.



Image 3.1: A smartphone screen showing the Swann Security app interface with a motion alert notification. This illustrates how users receive alerts and monitor their cameras.

3.2 Motion Detection and Alerts

The camera's True Detect heat and motion sensing technology is designed to minimize false alarms by detecting heat signatures. When motion is detected, the camera will:

- Begin recording video.
- Send a push notification to your linked smartphone.

3.3 Night Vision

The camera automatically switches to night vision mode in low-light conditions, providing clear black and white video. It also features a capability to display color video at night under certain ambient light conditions.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your security camera.

- **Cleaning:** Periodically clean the camera lens with a soft, damp cloth to remove dust and smudges. Avoid abrasive cleaners.
- **Weather Protection:** The camera has an IP65 international protection rating, indicating it is protected against dust and low-pressure water jets. While weather-resistant, it is advisable to protect the power connection and reset button from direct exposure to heavy rain or moisture.
- **Firmware Updates:** Check the Swann Security app regularly for available firmware updates to ensure your camera has the latest features and security enhancements.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Swann SWNVW-490 camera.

5.1 Video Loss / Unreliable Connection

If your camera frequently loses connection or reports video loss:

- **Check Wi-Fi Signal Strength:** Ensure the camera is within a reasonable range of your Wi-Fi router or NVR. Walls and other obstructions can significantly reduce signal strength.
- **Reposition Camera/NVR:** Try repositioning the camera or your NVR to improve wireless connectivity. Minimizing physical barriers between the camera and the receiver can help.
- **Power Cycle:** Disconnect the camera's power adapter, wait 10 seconds, and then reconnect it. This can resolve temporary network glitches.
- **Interference:** Other wireless devices operating on the same frequency (2.4GHz) can cause interference. Try changing the Wi-Fi channel on your router if possible.

5.2 Poor Picture Quality

- **Clean Lens:** Ensure the camera lens is clean and free from dust, dirt, or smudges.
- **Lighting Conditions:** While the camera has night vision, extreme low light or backlighting can affect image clarity.
- **Network Bandwidth:** Ensure your Wi-Fi network has sufficient bandwidth for streaming high-definition video.

5.3 Motion Detection Not Working

- **Check Settings:** Verify that motion detection is enabled in the Swann Security app and that the sensitivity settings are appropriate for your environment.
- **Clear View:** Ensure there are no obstructions blocking the camera's view of the area you wish to monitor.

6. SPECIFICATIONS

Feature	Specification
Model Number	SWNVW-490CAM-US
Video Capture Resolution	1080p Full HD
Effective Video Resolution	1080 Pixels
Connectivity Technology	Wireless (Wi-Fi)
Indoor/Outdoor Usage	Indoor, Outdoor
International Protection Rating	IP65
Low Light Technology	Night Color
Alert Type	Motion Only
Control Method	App
Compatible Devices	Smartphone, Amazon Alexa
Form Factor	Bullet
Mounting Type	Wall Mount, Ceiling Mount

Feature	Specification
Wattage	10 watts
Product Dimensions (L x W x H)	5.71 x 2.8 x 2.8 inches
Item Weight	1.77 pounds

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Swann SWNVW-490 camera comes with a **1 Year Warranty**. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For further assistance, technical support, or warranty inquiries, please visit the official Swann website or contact their customer service department. You can find more information and resources on the [Swann 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

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