

Swann SWPRO-4KWLB

Swann SWPRO-4KWLB 4K Ultra HD DVR Bullet Security Camera System Instruction Manual

Model: SWPRO-4KWLB

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Swann SWPRO-4KWLB 4K Ultra HD DVR Bullet Security Camera. This camera is designed to be an add-on to an existing DVR system, offering advanced surveillance features for both indoor and outdoor environments.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, contact Swann customer support.

- Swann SWPRO-4KWLB 4K Ultra HD Bullet Camera
- BNC Coaxial Cable (60ft)
- Mounting Screws and Wall Plugs
- Security Stickers
- Power Adapter (if included as standalone)



Image 2.1: Contents of the Swann SWPRO-4KWLB package, including the camera, coaxial cable, and security stickers.

3. SETUP AND INSTALLATION

3.1 Mounting the Camera

The SWPRO-4KWLB camera is designed for versatile mounting on walls or ceilings. Choose a location that provides the desired field of view and is within reach of the coaxial cable connection to your DVR.

1. Position the camera mount against the desired surface and mark the screw holes.
2. Drill pilot holes if necessary, then insert wall plugs.
3. Secure the camera mount using the provided screws.
4. Adjust the camera angle to cover the desired area.



Image 3.1: Side profile of the camera illustrating its mounting base for installation.



Image 3.2: Example of the camera mounted under an eave, demonstrating its outdoor placement and spotlight functionality.

3.2 Connecting to DVR

Connect the BNC coaxial cable from the camera to an available video input port on your compatible DVR.

Ensure a secure connection at both ends. The camera requires a wired connection for video transmission and power.

3.3 Powering On

Connect the camera's power adapter to a power outlet. Once connected, the camera will power on and begin transmitting video to the DVR.

4. OPERATION

4.1 Video Quality

The SWPRO-4KWLB camera delivers 4K Ultra HD video, providing significantly clearer and more detailed images compared to 1080p resolution. This enhanced clarity aids in identifying crucial details in surveillance footage.

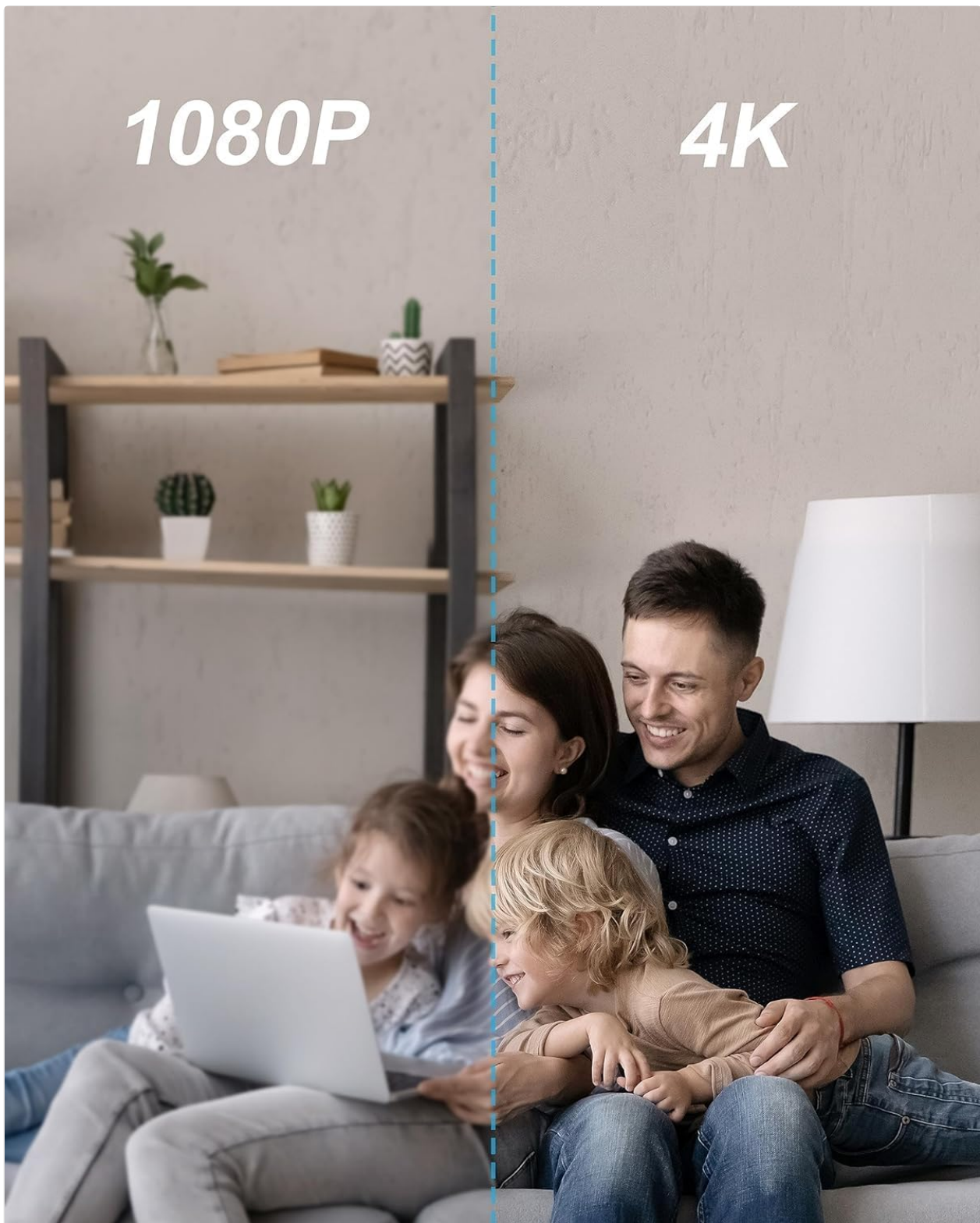


Image 4.1: Visual comparison demonstrating the superior detail of 4K resolution over 1080P.

4.2 Motion and Heat Detection (True Detect™)

The camera features True Detect™ technology, which utilizes both heat and motion detection to accurately identify relevant activity. This system minimizes false alarms by focusing on the movement of warm objects, such as people and vehicles, and triggers alerts to your connected DVR system.



Image 4.2: Depiction of the camera's motion and heat detection capabilities, highlighting how alerts are triggered by activity within defined zones.

4.3 Night Vision

The camera offers advanced night vision capabilities:

- **Color Night Vision:** With the integrated sensor spotlight active, the camera can capture full-color video up to 32 feet (10 meters) in low-light conditions.
- **Black & White Night Vision:** When the spotlight is off, the camera provides clear black and white infrared night vision up to 130 feet (40 meters).

Color Night Vision



★ 🌙 Spotlight on: Color



🌙 Spotlight off: B&W

Image 4.3: Demonstrates the camera's ability to switch between color night vision (with spotlight) and black & white night vision (without spotlight).

4.4 Wide Viewing Angle

The camera features a wide 90-degree field of view, allowing it to cover broad areas with fewer cameras, optimizing your surveillance setup.

4.5 Smart Home Integration

The camera system is compatible with Amazon Alexa and Google Assistant, allowing for voice control to view camera feeds on compatible smart displays.

5. MAINTENANCE

5.1 Weather Resistance

The SWPRO-4KWLB camera boasts a weatherproof design with an IP66 rating, ensuring reliable operation in various weather conditions, including rain, snow, and extreme temperatures. It is suitable for both indoor and outdoor use.



Image 5.1: Visual representation of the camera's durability against different weather elements.

5.2 Cleaning

To maintain optimal performance, periodically clean the camera lens and housing. Use a soft, damp cloth to

gently wipe away dust and debris. Avoid using harsh chemicals or abrasive materials that could scratch the lens or damage the housing.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Swann SWPRO-4KWLB camera.

- **No Image on DVR:**
 - Check all cable connections (BNC and power) to ensure they are secure.
 - Verify the power adapter is correctly plugged into a working outlet.
 - Ensure the DVR input channel is correctly selected.
- **Poor Image Quality:**
 - Clean the camera lens with a soft cloth.
 - Ensure the camera is properly focused (if adjustable).
 - Check for obstructions in the camera's field of view.
- **Night Vision Not Working:**
 - Ensure there is sufficient power to the camera.
 - Check if the spotlight is enabled for color night vision.
 - Verify that the ambient light sensor is not obstructed.
- **Motion Detection Issues:**
 - Adjust motion detection sensitivity settings on your DVR.
 - Ensure the camera's view is clear of moving objects that could cause false triggers (e.g., tree branches).

7. SPECIFICATIONS

Feature	Specification
Model Number	SWPRO-4KWLB
Video Capture Resolution	4K (8 MP)
Effective Video Resolution	1080 Pixels (as listed, but captures 4K)
Indoor/Outdoor Usage	Indoor, Outdoor
Connectivity Technology	Wired (Coaxial)
Viewing Angle	90 Degrees
Night Vision Range (Color)	Up to 32 Feet (with spotlight)
Night Vision Range (B&W)	Up to 130 Feet
Special Feature	Motion Sensor, Heat Detection (True Detect™), Spotlight

Feature	Specification
International Protection Rating	IP66 (Weatherproof)
Compatible Devices	Alexa, Google Assistant
Dimensions (L x W x H)	4.05 x 7.79 x 8.26 inches
Item Weight	1 pounds (454 Grams)
UPC	840236126866

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Swann SWPRO-4KWLB camera is covered by a **1-Year Limited Warranty** against factory defects. This warranty ensures that if you experience any challenges with the product due to manufacturing issues, Swann will provide a replacement within one year of purchase.

8.2 Customer Support

Swann is committed to providing comprehensive customer assistance. For technical support, troubleshooting, or warranty claims, please visit the official Swann support website or contact their customer service team. Swann offers lifetime help and support for their products. For more information, visit the [Swann Store on Amazon](#).