

Swann SWPRO-4KWLB

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

Model: SWPRO-4KWLB

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Swann SWPRO-4KWLB 4K Bullet Security Camera. This camera is designed for both indoor and outdoor surveillance, offering 4K resolution, color night vision, and True Detect™ heat and motion detection for enhanced security.



Figure 1: Angled view of the Swann SWPRO-4KWLB 4K Bullet Security Camera.

WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Two (2) Swann 4K Bullet Cameras (SWPRO-4KWLB)
- Two (2) 60ft BNC Cables
- Mounting Screws and Plugs
- Operating Instructions (this manual)

PRODUCT FEATURES

The SWPRO-4KWLB camera incorporates several key features for effective surveillance:



Figure 2: Detailed view of the camera highlighting its main components. This includes the Sensor Warning Light, Weatherproof Casing, 90° Wide Angle Lens, Powerful IR LEDs, True Detect™ PIR Heat & Motion Sensor, Speaker for Siren, and a Durable Stand for easy mounting.

- **4K Ultra HD Resolution:** Provides clear and detailed video footage.
- **90-Degree Wide Viewing Angle:** Covers broad areas with fewer cameras.

- **Dusk to Dawn Color Night Vision:** Up to 32ft (10m) with the sensor spotlight activated.
- **Infrared Night Vision:** Up to 130ft (40m) in total darkness.
- **True Detect™ Heat and Motion Detection:** Advanced PIR sensor minimizes false alarms.
- **Sensor Spotlight:** Deters intruders and enables color night vision.
- **Weatherproof Design (IP65):** Suitable for indoor and outdoor use in various weather conditions.
- **Smart Home Integration:** Compatible with Hey Google and Amazon Alexa for voice control.

SETUP

1. Planning Your Installation

Before mounting, plan the camera's location. Consider the desired viewing area, proximity to power outlets, and the path for the BNC cable to your DVR. Ensure the camera has a clear line of sight and the True Detect™ sensor is not obstructed.

2. Mounting the Camera

1. Position the camera in the desired location. The durable stand allows for wall or ceiling mounting.
2. Mark the screw holes using the camera base as a template.
3. Drill pilot holes if necessary and insert the provided wall plugs.
4. Secure the camera base using the mounting screws.
5. Adjust the camera's angle to cover the desired area.

3. Connecting the Camera

1. Connect one end of the 60ft BNC cable to the camera's video output port.
2. Route the cable securely to your Swann DVR, ensuring it is protected from damage and weather elements.
3. Connect the other end of the BNC cable to an available video input channel on your DVR.
4. Connect the camera's power cable to a suitable power adapter (typically supplied with your DVR system) and plug it into a power outlet.
5. Power on your DVR system. The camera feed should appear on the connected monitor.

OPERATING

Viewing Live Footage

Once connected to your DVR, you can view live footage from the camera through your DVR's interface on a connected monitor or via the Swann Security app on your smartphone or tablet.

Night Vision Modes

- **Color Night Vision:** The camera's sensor spotlight activates in low light conditions, providing full-color video up to 32ft (10m).
- **Infrared (Black & White) Night Vision:** In complete darkness or when the spotlight is not triggered, the camera uses infrared LEDs for black and white video up to 130ft (40m).

True Detect™ Heat and Motion Detection

The integrated PIR sensor detects heat signatures of moving objects, such as people and large vehicles, reducing false alarms from swaying branches or insects. When motion is detected, the camera can trigger

recording, activate the spotlight, and send notifications via your DVR system.

Smart Home Integration

The camera can be integrated with compatible smart home devices. Use voice commands with Hey Google or Amazon Alexa to view camera feeds on smart displays.

MAINTENANCE

Regular maintenance ensures optimal performance of your security camera:

- **Cleaning the Lens:** Periodically clean the camera lens with a soft, damp cloth to remove dust, dirt, or smudges that may affect image clarity. Avoid abrasive cleaners.
- **Checking Connections:** Ensure all cable connections (BNC and power) are secure and free from corrosion or damage. Loose connections can lead to signal loss or intermittent operation.
- **Firmware Updates:** Check the Swann support website for any available firmware updates for your DVR system, which may include updates for connected cameras. Follow the instructions provided by Swann for safe updating.
- **Physical Inspection:** Regularly inspect the camera's mounting and casing for any signs of wear, damage, or tampering.

TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common troubleshooting steps:

- **No Video Signal:**
 - Ensure the camera is properly powered and the power adapter is functioning.
 - Check that the BNC cable is securely connected at both the camera and DVR ends.
 - Try connecting the camera to a different BNC input on the DVR to rule out a faulty DVR channel.
 - Test with a different BNC cable if available.
- **Poor Image Quality (Blurry/Distorted):**
 - Clean the camera lens thoroughly.
 - Ensure the BNC cable is not damaged or excessively long, which can degrade signal quality.
 - Check your DVR's display settings for the camera channel.
- **Night Vision Not Working:**
 - Ensure the area is sufficiently dark for night vision to activate.
 - Check for any obstructions blocking the IR LEDs or sensor spotlight.
 - Verify that the camera's night vision settings are enabled on your DVR.
- **Motion Detection Issues (Too Many/Few Alerts):**
 - Adjust the sensitivity settings for True Detect™ on your DVR.
 - Ensure the PIR sensor is not obstructed and is aimed correctly at the detection area.
 - Avoid placing the camera where constant heat sources or reflective surfaces might trigger false alarms.

SPECIFICATIONS

Feature	Specification
Video Quality	4K (8MP) / 3840 x 2160 pixels
Viewing Angle	90°
Infrared Night Vision	Up to 130ft / 40m (Total Darkness)
Color Night Vision	Up to 32ft / 10m (with sensor light)
PIR Thermal / Motion Sensor	True Detect™
PIR Sensor Range	Up to 32ft / 10m
Indoor / Outdoor Usage	Indoor or Outdoor
IP Rating	IP65
Operating Temperature	-22°F to 122°F / -30°C to 50°C
Dimensions	5.3" x 2.24" x 3.07" / 135mm x 57mm x 78mm
Connectivity Technology	Wired (Coax), Wi-Fi (for smart home integration)
Controller Type	Amazon Alexa, Google Assistant
Power Source	Corded Electric
Model Number	SWPRO-4KWLB
UPC	840236126842

WARRANTY INFORMATION

Swann provides a **1 Year Limited Warranty** against factory defects for this product. This warranty covers manufacturing faults and ensures that the product is free from defects in materials and workmanship under normal use. If you experience any challenges with your product within one year of purchase, please contact Swann customer service for assistance. They will facilitate repair or replacement of the item as per the warranty terms.

SUPPORT

For further assistance, technical support, or to access additional resources such as FAQs and software downloads, please visit the official Swann support website. You can also contact Swann customer service directly for personalized support regarding your SWPRO-4KWLB security camera system.

