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> SwannForce Add-On DVR Flashing Light Bullet Security Camera (Model: SOPRO-4KRL-US) Instruction Manual

Swann SOPRO-4KRL-US

SwannForce Add-On DVR Flashing Light Bullet Security Camera (Model: SOPRO-4KRL-US) Instruction Manual

Comprehensive guide for installation, operation, and maintenance.

INTRODUCTION

This manual provides detailed instructions for the SwannForce Add-On DVR Flashing Light Bullet Security Camera, model SOPRO-4KRL-US. This camera is designed to enhance your security system with 4K Ultra HD video, a sensor spotlight, and True Detect heat and motion detection. It features red and blue flashing lights and loud sirens to deter intruders, along with color night vision capabilities.

SAFETY INFORMATION

Please read all safety instructions before installing and operating this product. Failure to follow these instructions may result in injury or damage to the product.

- Ensure the power supply is disconnected before installation or maintenance.
- Install the camera in a location where it is protected from direct impact and extreme weather conditions beyond its rated specifications.
- Use only the provided power adapter and BNC cable to prevent damage.
- Avoid pointing the camera directly at strong light sources, as this may affect image quality.
- Keep the camera lens clean for optimal performance.

PACKAGE CONTENTS

Verify that all items are present in your package:

- PRO-4KRL SwannForce Camera
- BNC Cable (60ft/18m)
- Power Adapter
- Mounting Screws & Plugs
- Operating Instructions (this manual)
- Theft Deterrent Stickers

SETUP

1. Mounting the Camera

The camera is designed for both indoor and outdoor use. Choose a mounting location that provides the desired viewing angle and is within reach of the BNC cable and power adapter.

1. **Select Location:** Identify a suitable surface (wall or ceiling) for mounting. Consider the camera's 90-degree viewing angle to cover the desired area.
2. **Mark Drill Holes:** Use the camera base as a template to mark the positions for drilling.
3. **Drill Holes:** Drill pilot holes and insert the provided wall plugs if mounting into masonry.
4. **Secure Camera:** Attach the camera base to the surface using the mounting screws. Adjust the camera's angle as needed.



Image: SwannForce camera mounted on the exterior of a house, demonstrating outdoor installation.



Image: SwannForce camera mounted outdoors overlooking a pool area, illustrating a typical outdoor surveillance setup.

2. Wiring and Connection

This camera requires two wired connections: one for power and one for video/audio transmission to your DVR.

1. **Connect BNC Cable:** Connect one end of the 60ft/18m BNC cable to the camera's video output port. Connect the other end to an available video input channel on your compatible DVR.
2. **Connect Power Adapter:** Plug the power adapter into the camera's power input port. Connect the power adapter to a suitable power outlet.
3. **Power On:** Once all connections are secure, power on your DVR system. The camera should automatically be detected and display video on the connected monitor.

OPERATING THE CAMERA

1. 4K UHD Video Recording

The camera captures video in 4K Ultra High Definition, providing clear and detailed footage. Recording is managed by your connected DVR system. Refer to your DVR's manual for specific recording settings and playback options.

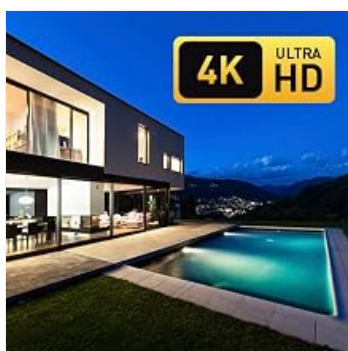


Image: Graphic illustrating 4K Ultra HD capability, highlighting the high-resolution video capture.

2. Sensor Spotlight and Flashing Lights

The camera features an integrated sensor spotlight and red/blue flashing lights. These are activated by motion and heat detection to deter potential intruders and provide enhanced visibility in low-light conditions.

- **Activation:** The spotlight and flashing lights are triggered by the True Detect system (see below).
- **Customization:** Settings for light activation and duration can typically be configured through your DVR interface or the Swann Security App.



Image: Front view of the SwannForce camera, showcasing its active red and blue flashing lights and sensor spotlight.

3. Night Vision Capabilities

The camera offers advanced night vision modes:

- **Dusk to Dawn Color Night Vision:** With the sensor spotlight activated, the camera can provide full-color night vision up to 32ft (10m).
- **Black and White Night Vision:** In total darkness, without the spotlight, the camera provides clear black and white night vision up to 130ft (40m).



Image: Graphic illustrating 'Night2Day Color Night Vision', depicting a night scene with objects illuminated in color.

4. True Detect Heat and Motion Detection

Swann's True Detect technology combines heat and motion sensing to accurately detect relevant activity, reducing false alarms from inanimate objects like swaying branches.

- **Triggered Events:** When heat and motion are detected, the camera can trigger recording, activate the spotlight/flashing lights, and send push notifications to your smartphone.
- **Sensitivity:** Detection sensitivity can be adjusted via your DVR settings or the Swann Security App.



Image: Graphic illustrating 'True Detect Motion & Heat Trigger Recording & Alerts', showing a person being detected by the system.

5. Using the Swann Security App

The Swann Security App provides remote access and control over your camera and DVR system.

- **Live Streaming:** View live footage from your camera on your smartphone or tablet.
- **Push Notifications:** Receive instant alerts when activity is detected.
- **Customizable Controls:** Adjust camera settings, manage recording, and control the spotlight/flashing lights remotely.
- **Playback:** Review recorded footage directly from your mobile device.

One App, Complete Security

- ✓ Live Streaming
- ✓ Push Notifications
- ✓ Customizable Controls

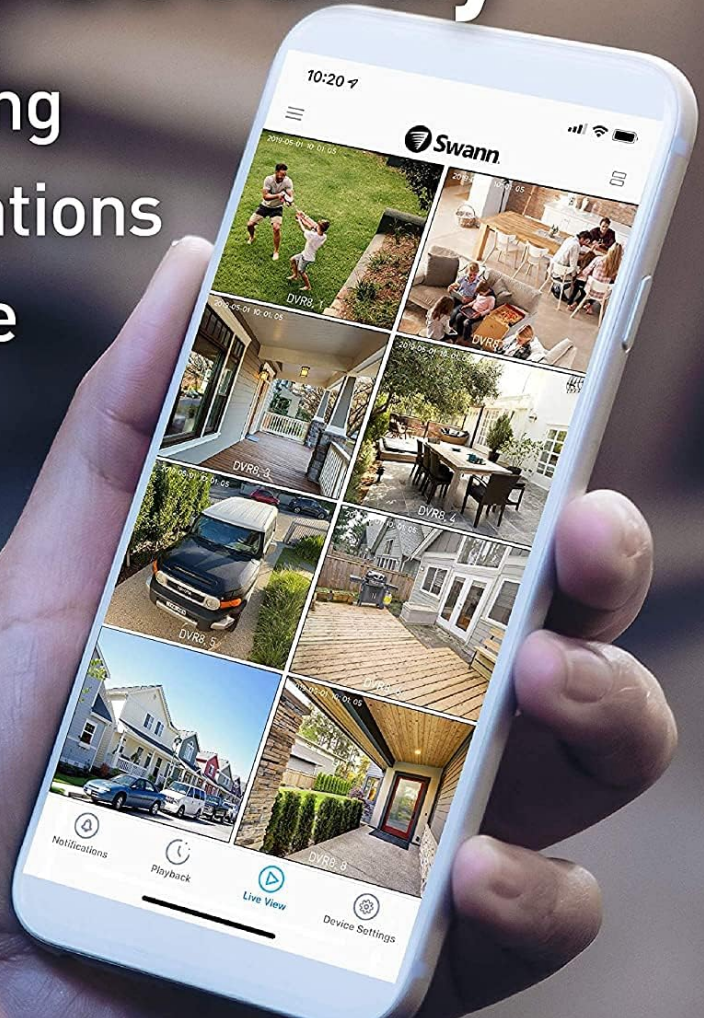


Image: A smartphone displaying the Swann Security App interface, showing live feeds from multiple cameras and various control options.

6. Voice Control Integration

This camera is compatible with Hey Google and Alexa for voice-activated commands. Refer to the Swann Security App or Swann's official website for instructions on linking your camera to these smart home platforms.

- **Speak to See:** Use voice commands to view camera feeds on compatible smart displays.

MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and housing with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners.
- **Firmware Updates:** Periodically check the Swann website or the Swann Security App for available firmware updates to ensure optimal performance and access to new features.
- **Cable Inspection:** Inspect all cables for wear or damage, especially in outdoor installations, to ensure continuous operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video signal	Loose BNC cable connection; No power to camera; Incompatible DVR channel.	Check BNC cable connections at both camera and DVR. Ensure power adapter is securely connected and receiving power. Try a different DVR channel.
Poor image quality	Dirty lens; Low light conditions; Incorrect DVR settings.	Clean the camera lens. Ensure adequate lighting or verify night vision is active. Check DVR display settings for resolution and color.
False motion alerts	High sensitivity; Environmental factors (e.g., moving branches, insects).	Adjust True Detect sensitivity settings in your DVR or Swann Security App. Reposition camera to avoid common false alarm triggers.
Spotlight/flashing lights not activating	Detection settings off; Insufficient motion/heat detected.	Verify that the spotlight and flashing light features are enabled in your DVR or app settings. Ensure True Detect is functioning correctly.

SPECIFICATIONS

Model Number	SOPRO-4KRL-US
Video Capture Resolution	4K Ultra HD
Connectivity Technology	Wired (BNC)
Special Features	Motion Sensor, Sensor Spotlight, Flashing Lights (Red/Blue), True Detect Heat & Motion Detection, Night Color Low Light Technology
Night Vision Range	Up to 130ft (40m) B/W, Up to 32ft (10m) Color with lights
Viewing Angle	90 Degrees
Frame Rate	30 fps
Power Source	Corded Electric
Operating System Compatibility	Android, iOS (via Swann Security App)
Dimensions (L x W x H)	5.3 x 2.24 x 2.76 inches
Weight	1.52 pounds
UPC	840236130917

WARRANTY INFORMATION

This SwannForce camera comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. For detailed terms and conditions, please refer to the warranty documentation included with your product or visit the official Swann website.

SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Swann Customer Support.

- **Online Support:** Visit the official Swann website for FAQs, support articles, and contact options.
- **Swann Security App:** The app may also provide direct access to support resources.

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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.

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