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> Swann SWDVK-446804 4-Channel 1080P DVR Security System User Manual

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Comprehensive Guide for Installation, Operation, and Maintenance

1. INTRODUCTION

Welcome to the Swann SWDVK-446804 4-Channel 1080P DVR Security System. Swann has been a leader in DIY security solutions for over 30 years, providing reliable surveillance products globally. This DVR system is designed for homes, small offices, and villas, offering robust security features with easy setup.

This system utilizes coaxial cables to transmit video signals from the cameras to the Digital Video Recorder (DVR), where the data is stored. Each camera requires a dedicated coaxial cable for video and a power cable for operation. The DVR converts analog camera data into digital format for recording and viewing.

Enhance your security experience with the dedicated **Swann Security Application**. This application allows you to monitor your property remotely, receive alerts, and manage your system from anywhere, anytime.

Swann Security App Features:

- Live streaming from multiple connected cameras.
- Instant alert notifications upon activity detection.
- Hands-free monitoring through integration with voice assistants.
- Display, save, and playback camera images and videos directly from your mobile device.

Note: A stable network environment and a monitor connected to the recorder are required for full functionality of the Swann Security App.

2. PACKAGE CONTENTS

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

- Swann 4-Channel DVR Recorder (SRDVR-44680H) with 1TB HDD
- Swann 1080P Bullet Cameras (PRO-1080SL Enforcer) x 4
- BNC Coaxial Cables (18m) x 4
- Power Adapter for DVR

- Power Splitter Adapter for Cameras
- Mounting Screws and Plugs x 4 sets
- USB Mouse
- Instruction Manual (this document)
- Anti-theft Stickers x 1



Image 2.1: Overview of the Swann SWDVK-446804 security system components, including the DVR, four cameras, cables, and accessories.

3. SETUP

Follow these steps to set up your Swann security system. Ensure all power is disconnected before making any physical connections.

3.1 DVR Connections

1. **Connect Cameras:** Connect each camera's BNC cable to the corresponding 'VIDEO INPUT' port on the back of the DVR.
2. **Connect Power:** Connect the camera power splitter adapter to the cameras and then to the main power adapter. Connect the DVR's power adapter to the DVR and then to a power outlet.
3. **Connect Monitor:** Connect a monitor to the DVR using either the HDMI or VGA port.
4. **Connect Mouse:** Plug the included USB mouse into one of the USB ports on the DVR.
5. **Network Connection (Optional but Recommended):** For remote viewing and app functionality, connect an Ethernet cable from your router to the 'LAN' port on the DVR.



Image 3.1: Rear view of the DVR showing video input, audio input/output, HDMI, VGA, LAN, USB, and power connections.

3.2 Camera Installation

The PRO-1080SL Enforcer cameras are IP66 rated, making them suitable for both indoor and outdoor installation. Choose a location that provides optimal viewing coverage and is within reach of the 18m BNC cables.

1. **Mounting:** Use the included screws and plugs to securely mount the cameras to a wall or ceiling. Adjust the camera angle for desired coverage.
2. **Cable Management:** Route the BNC and power cables carefully, ensuring they are protected from environmental damage.



Image 3.2: Four Swann 1080P bullet cameras with their associated BNC cables, ready for installation.

3.3 Initial Power-On and Configuration

1. **Power On:** Connect the DVR power adapter to a power outlet. The system will boot up.
2. **First-Time Setup Wizard:** Follow the on-screen instructions using the USB mouse to configure basic settings such as language, date/time, and network settings.
3. **Swann Security App:** Download the Swann Security App from your device's app store. Follow the in-app instructions to pair your DVR system for remote access.

4. OPERATING YOUR SYSTEM

Your Swann security system offers various features to enhance your surveillance capabilities.

4.1 Motion Detection and Recording

The system utilizes thermal sensing technology (PIR sensor) to detect heat-generating objects like vehicles and people. When motion is detected, the DVR will automatically begin recording. This helps in reducing false alarms from non-significant movements.

4.2 Night Vision and Warning Lights

- **Infrared Night Vision:** In complete darkness, the cameras automatically switch to infrared (monochrome) night vision, providing clear black and white footage up to 30m.
- **Color Night Vision:** When the integrated spotlight is activated (e.g., upon motion detection), the cameras can capture color night vision footage up to 10m.
- **Warning Lights:** The cameras feature warning lights that illuminate when an intruder approaches, acting as a deterrent. This helps prevent unauthorized access to your property.

4.3 Remote Viewing via Swann Security App

Once the DVR is connected to your network and paired with the Swann Security App, you can:

- View live feeds from all cameras.
- Receive push notifications for motion events.
- Review recorded footage.
- Control system settings remotely.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your security system.

- **Camera Cleaning:** Regularly clean the camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Cable Inspection:** Periodically inspect all cables for signs of wear, damage, or loose connections.
- **DVR Placement:** Ensure the DVR is placed in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
- **Hard Drive Management:** The DVR includes a 1TB hard drive. You can configure recording settings to optimize storage usage. The system supports expansion up to 4TB if more storage is needed.
- **Firmware Updates:** Check the Swann website or the Swann Security App for available firmware updates to ensure your system has the latest features and security enhancements.

6. TROUBLESHOOTING

If you encounter issues with your Swann security system, refer to the following common troubleshooting tips. For more detailed solutions, consult the full user manual available on the Swann support website.

Common Issues and Solutions:

- **No Video Display:**

- Check all video cable connections between cameras and DVR, and between DVR and monitor.
- Ensure all power adapters are securely connected and receiving power.
- Verify the correct input source is selected on your monitor.

- **No Power to DVR/Cameras:**

- Confirm power adapters are plugged into working outlets.
- Check for any tripped circuit breakers.

- **Remote Viewing Not Working:**

- Ensure the DVR is connected to your network via an Ethernet cable.
- Verify your internet connection is active.
- Check the Swann Security App settings and ensure the DVR is properly paired.
- Restart your router, DVR, and mobile device.

- **Poor Image Quality:**

- Clean camera lenses.
- Check cable connections for any damage or interference.
- Ensure cameras are within their effective range for night vision.

7. SPECIFICATIONS

7.1 DVR Recorder (Model: SRDVR-44680H)

- **Video Input:** 4 Channels
- **Video Output:** VGA, HDMI (Max 1080P)
- **Audio Input:** 1x RCA
- **Audio Output:** 1x RCA
- **Video Compression:** H.264
- **Recording Resolution:** Max 1080P
- **HDD Capacity:** 1TB (Supports up to 4TB)
- **Network Interface:** RJ45 x 1
- **USB Ports:** USB2.0 (front) x 2, USB3.0 (rear) x 1
- **Dimensions:** 230mm x 230mm x 53mm

7.2 Camera (Model: PRO-1080SL Enforcer)

- **Resolution:** 1080P / 2MP (1920x1080)
- **Field of View:** 90°
- **Color Night Vision:** Up to 10m (with spotlight)
- **Monochrome Night Vision:** Up to 30m (with ambient light)
- **PIR Sensor:** Yes
- **PIR Sensor Range:** 10m
- **Weatherproof Rating:** IP66

- **Siren:** No
- **Microphone:** No
- **Flashing Light:** Yes
- **Warning Light:** Yes
- **Operating Temperature:** -30°C to 50°C
- **Dimensions:** 135mm x 57mm x 70mm

7.3 General System Specifications

- **Brand:** Swann
- **Product Model Number:** SWDVK-446804
- **Color:** Black
- **Power Source:** Corded Electric
- **Connectivity Technology:** BNC
- **Product Weight:** 4.74 kg (DVR)

8. WARRANTY AND SUPPORT

Your Swann SWDVK-446804 security system comes with a manufacturer's warranty to ensure your peace of mind.

- **Manufacturer's Warranty:** 1 Year
- **Compliance:** RoHS Directive (10 substances compliant)

For technical support, warranty claims, or additional information, please visit the official Swann support website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty purposes.

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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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