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Swann SWNVK-889804-US

Swann Pro 4K Ultra HD 8-Channel Security System User Manual

Brand: Swann | Model: SWNVK-889804-US

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Swann Pro 4K Ultra HD 8-Channel Security System. This wired surveillance system is designed to provide advanced security monitoring for homes, offices, small businesses, and retail stores, offering high-resolution video, intelligent detection features, and remote access capabilities.



Figure 1.1: Overview of the Swann Pro 4K Ultra HD 8-Channel Security System, including the NVR and four bullet cameras.

2. KEY FEATURES

- **4K Ultra HD & Color Night Vision:** Experience superior clarity with 8MP 4K resolution, offering four times greater detail than 1080P. Night2Day color night vision provides clear, full-color video up to 32ft (10m) with LED lights, and black & white vision up to 130ft (40m) in total darkness.

Full Color Night Vision

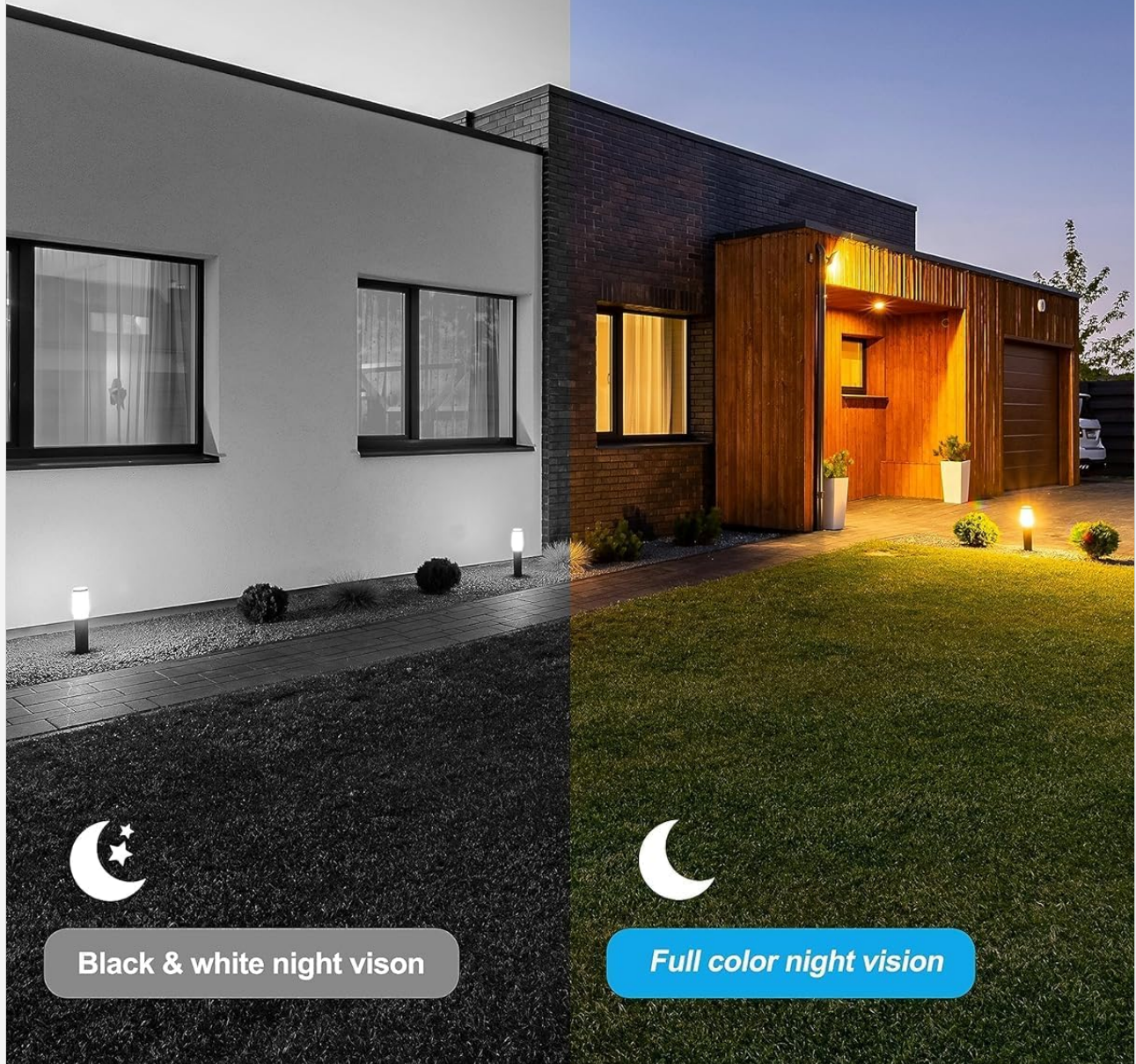


Figure 2.1: Demonstration of Night2Day™ Color Night Vision, showing a clear distinction from traditional black and white night vision.

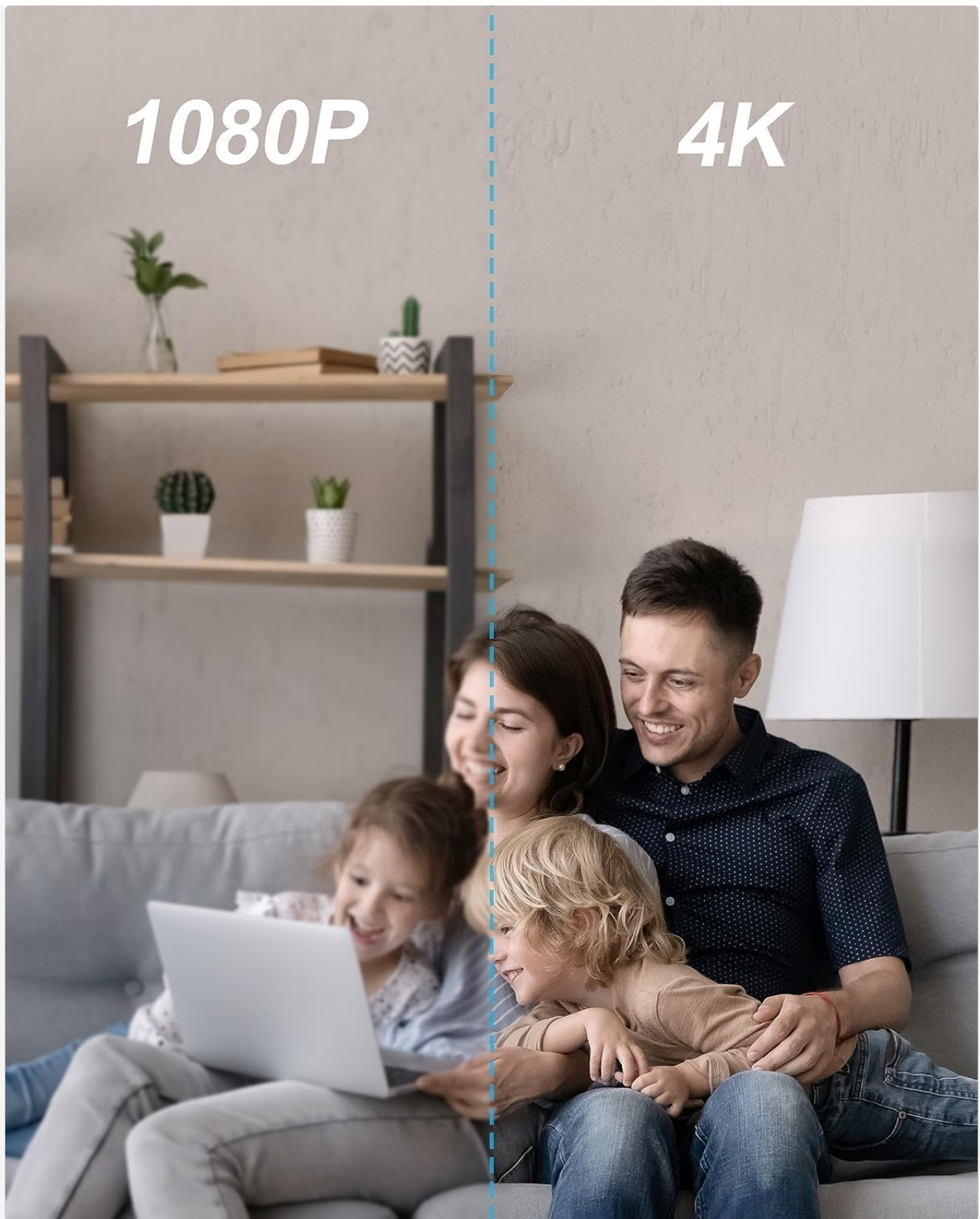


Figure 2.2: Visual comparison highlighting the enhanced detail and clarity provided by 4K Ultra HD resolution compared to 1080P.

- **Plug & Play PoE System with Remote Access:** Simple wired Power over Ethernet (PoE) connection ensures easy setup. The Swann Security app allows for remote access, live viewing, and playback on iOS or Android devices, enabling monitoring from anywhere.
- **Continuous 24/7 Recording & True Detect:** The pre-installed 2TB HDD supports continuous 24/7 recording, storing months of footage. Swann True Detect heat & motion-triggered event recordings reduce false alarms by focusing on relevant activity.

Maximize Your Hard Drive

**TRUE
DETECT™**

MOTION & HEAT
TRIGGER RECORDING
& ALERTS

Swann's True Detect™ Motion & Heat
Detection only records events that matter

Figure 2.3: True Detect™ technology, which uses motion and heat to trigger recording and alerts, minimizing false alarms.

- **Advanced Analytics:** Features include Face Recognition, Heat Mapping, Line Crossing, Person & Vehicle Detection. These analytics trigger recordings, alerts, and notifications to your phone via the SWANN Security app, providing intelligent monitoring.

More Than Just Vision



Heat
Mapping



Face
Recognition



Perimeter
Intrusion



Line
Crossing



Sound
Detection



Object
Removal



People
Counter



Durable Metal
Construction

Figure 2.4: Visual representation of advanced analytical features such as Heat Mapping, Face Recognition, and various detection capabilities.

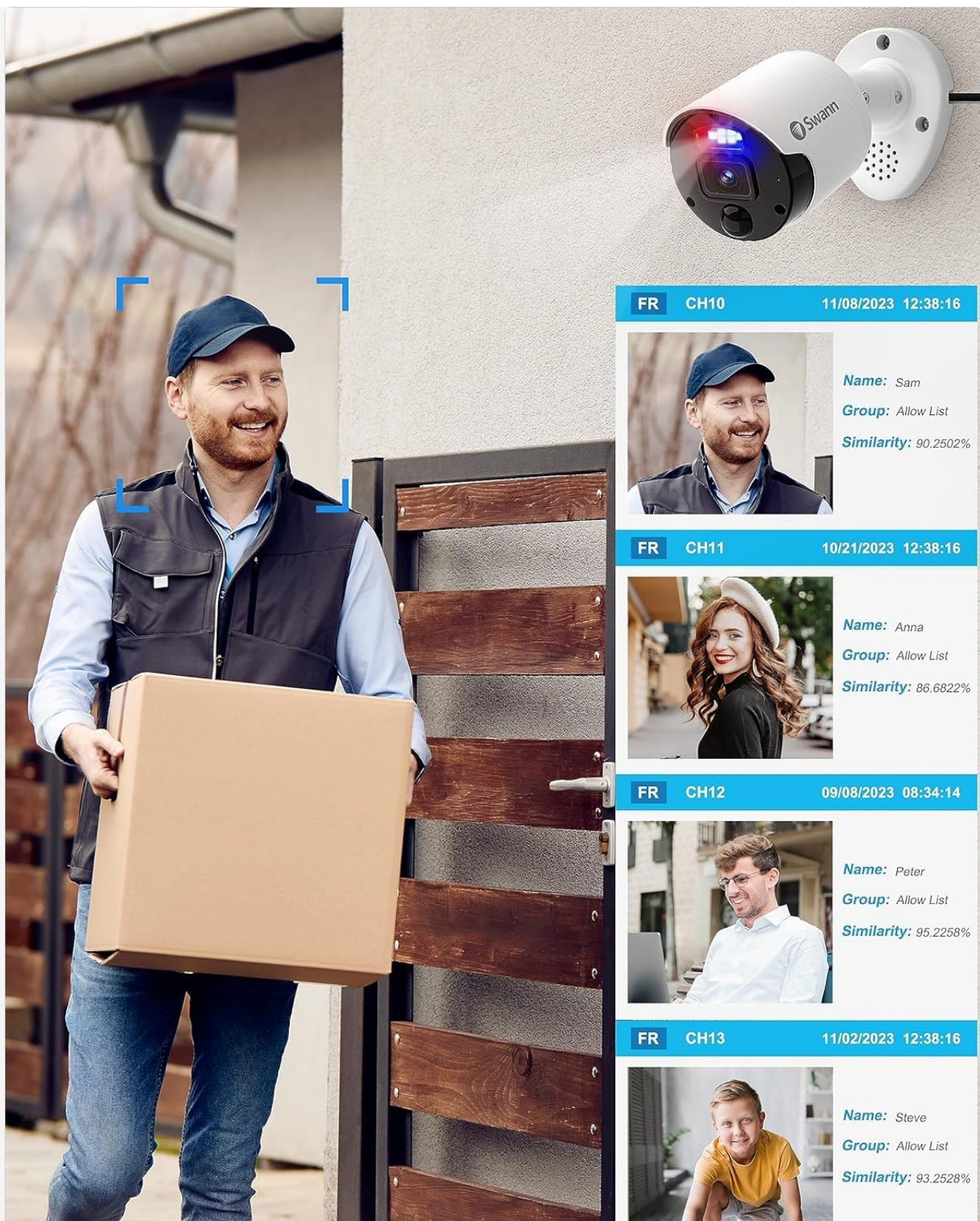


Figure 2.5: Example of Face Recognition in action, identifying individuals and displaying similarity percentages for enhanced security.

- **Two-Way Talk:** Communicate through your cameras to greet guests or deter intruders using the 2-way talk feature via the Swann Security app.
- **Smart Home Voice Control:** Integrate with Hey Google and Alexa to speak commands and view camera feeds on compatible smart devices.

3. SETUP GUIDE

3.1. Unboxing & Components

Before beginning installation, ensure all components are present and undamaged. The system includes:

- 8 Channel NVR with 2TB Hard Drive (installed)
- 4K SwannForce Bullet Cameras x 4
- HDMI Cable
- Ethernet Cable x 5 (60ft / 18m x 4 | 3ft / 1m x 1)
- Mouse
- Power Adapter
- Mounting Screws & Plugs
- Operating Instructions (this manual)
- Theft Deterrent Stickers



Figure 3.1: All included components for the Swann Pro 4K Ultra HD 8-Channel Security System.

3.2. NVR Connection

1. Connect the NVR to a power outlet using the provided power adapter.
2. Connect the NVR to your router using an Ethernet cable for network access.
3. Connect the NVR to a monitor or TV using the HDMI cable for local viewing and setup.
4. Connect the included mouse to the NVR's USB port for navigation.

3.3. Camera Installation

The 4K SwannForce Bullet Cameras are Power over Ethernet (PoE), meaning they receive power and data through a single Ethernet cable, simplifying installation.

1. Choose suitable locations for your cameras, ensuring they have a clear field of view and are within range of the provided Ethernet cables. Consider areas prone to activity, such as entry points or driveways.
2. Mount the cameras securely using the provided mounting screws and plugs. The cameras feature a durable stand for easy mounting and a weatherproof casing for outdoor use.
3. Connect each camera to an available PoE port on the NVR using the Ethernet cables.



Figure 3.2: Detailed view of the Swann bullet camera, highlighting its key components and features for optimal placement.

3.4. App Setup

1. Download the "Swann Security" app from your device's app store (iOS or Android).
2. Follow the in-app instructions to create an account and add your NVR system. This typically involves scanning a QR code on the NVR or entering its serial number.
3. Once connected, you can view live feeds, configure settings, and receive alerts directly on your smartphone or tablet.

4. OPERATION GUIDE

4.1. Live View

Access live camera feeds through the connected monitor/TV or via the Swann Security app. The NVR supports an 8-channel display, allowing you to monitor multiple cameras simultaneously.

4.2. Recording & Playback

- **Continuous Recording:** The 2TB hard drive records footage 24/7. Older footage is automatically overwritten when the drive is full.
- **Event-Triggered Recording:** Configure True Detect™ (heat & motion sensing) to record only when significant activity is detected, saving storage space and reducing review time.
- **Playback:** Use the NVR interface or the Swann Security app to review recorded footage. You can search by date, time, or event type.
- **Cloud Backup:** Easily transfer incident video to your personal Dropbox account in the cloud for secure off-site storage.

4.3. Motion Detection & Alerts

The system's advanced analytics, including Face Recognition, Person & Vehicle Detection, and Line Crossing, can be configured to trigger alerts and notifications to your mobile device when specific events occur. This helps in virtually eliminating false triggers.

Your browser does not support the video tag.

Video 4.1: An overview of the Swann 4K NVR Security System, demonstrating its key features including 4K resolution, Night2Day color night vision, True Detect heat and motion sensing, two-way talk, and smart home integration. This video highlights how the system actively prevents crime by alerting users to activity and deterring intruders with spotlights and sirens.

4.4. Two-Way Audio

The cameras are equipped with microphones, allowing you to monitor audio from the camera's location. The 2-way talk feature enables you to speak through the camera's speaker from your app, facilitating communication with visitors or warning off intruders.

4.5. Smart Home Voice Control

Integrate your Swann system with Google Assistant or Amazon Alexa. Use voice commands to view live feeds on compatible smart displays or TVs, enhancing convenience and accessibility.

5. MAINTENANCE

- **Regular Cleaning:** Periodically clean the camera lenses and NVR unit with a soft, dry cloth to ensure optimal performance and clear image quality.
- **Firmware Updates:** Ensure your NVR and cameras have the latest firmware. Updates are typically managed through the Swann Security app and provide performance improvements and new features.
- **Hard Drive Management:** While the 2TB HDD offers ample storage, regularly review and back up important footage to your Dropbox account to prevent loss due to overwriting.
- **Cable Inspection:** Periodically check all PoE Ethernet cables for any signs of wear or damage, especially for outdoor installations, to maintain reliable connectivity.

6. TROUBLESHOOTING

If you encounter issues with your Swann security system, consider the following common troubleshooting steps:

- **No Video/Offline Camera:**
 - Check all cable connections (Ethernet, power) to ensure they are secure.
 - Verify the camera's PoE connection is active on the NVR.
 - Restart the NVR and the affected camera (if possible).
- **Poor Image Quality:**
 - Clean the camera lens.
 - Ensure the camera is properly focused (if adjustable).
 - Check for obstructions in the camera's field of view.
 - Verify the NVR's display resolution is set to 4K for optimal viewing.
- **No Motion Detection/False Alarms:**
 - Adjust the motion detection sensitivity settings in the NVR or app.
 - Ensure the True Detect PIR sensor is not obstructed.
 - Review the detection zones to ensure they cover the desired areas and exclude irrelevant ones (e.g., moving trees).
- **App Connectivity Issues:**
 - Ensure your NVR is connected to the internet.
 - Check your mobile device's internet connection.
 - Restart the Swann Security app or reinstall it if issues persist.

For further assistance, refer to the Swann support website or contact customer care.

7. SPECIFICATIONS

Feature	Specification
Brand	Swann
Model Number	SWNVK-889804-US
Connectivity Technology	Wired (PoE)
Video Capture Resolution	4K UHD 2160p
Number of Channels	8
Memory Storage Capacity	2 TB (Hard Drive)
Special Features	App Control, Heat Motion Vehicle Detection, LED Light, 2-Way Audio, Face Recognition, Line Crossing, Object Left/Removed
Power Source	Power over Ethernet (PoE)
Night Vision Range	130 Feet (B&W), 32 Feet (Color)
Viewing Angle	90 Degrees (Lens)
Item Weight	15.71 pounds
Product Dimensions	9.25 x 12.2 x 2 inches
UPC	840236132409

8. WARRANTY & SUPPORT

Your Swann Pro 4K Ultra HD Security System is backed by a **1-Year Limited Warranty**. For any inquiries or support needs, please reach out to Swann's dedicated customer care support team via Amazon Message or email at any time. Trust in Swann for a reliable security solution.

Swann prioritizes your security and privacy. All your data and video files are encrypted and securely stored in the USA using Amazon Web Services (AWS). Swann products and their components are also NDAA compliant.

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.

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Anonymous

Email

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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

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