

Swann SWNVK-8ADVANX8B-US

Swann AdvancedX Wired NVR 4K Security Camera System User Manual

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Swann AdvancedX Wired NVR 4K Security Camera System. This system is designed to provide reliable 24/7 surveillance with advanced features for enhanced security.

Key features of your system include:

- **4K Ultra HD Resolution:** Captures clear video for detailed identification.
- **PoE Wired Connection:** Ensures uninterrupted 24/7 monitoring without Wi-Fi dependency.
- **Advanced AI Video Analytics:** Detects people, vehicles, motion, sound, line crossings, and perimeter breaches.
- **Color Night Vision:** Provides full-color footage up to 50 feet in low light conditions.
- **Pre-Record Functionality:** Captures moments before and after detected activity.
- **1TB HDD Storage:** Stores months of footage locally, expandable up to 8TB.

2. WHAT'S IN THE BOX

Your Swann AdvancedX Wired NVR 4K Security Camera System package includes:

- 8 Channel NVR with 1TB Hard Drive
- 8 x 4K PoE Bullet Cameras
- Ethernet Cables
- HDMI Cable
- Power Adapter
- Mouse
- Mounting Screws and Plugs
- Operating Instructions
- Theft Deterrent Stickers

3. SYSTEM OVERVIEW

The Swann AdvancedX system provides comprehensive security through a Network Video Recorder (NVR) and Power over Ethernet (PoE) cameras. The NVR acts as the central recording and management hub, while the PoE cameras receive both power and data through a single Ethernet cable, simplifying installation and ensuring a stable connection.



Image: The Swann AdvancedX NVR system, featuring the NVR unit and eight 4K bullet cameras.

Video: An overview of the Swann AdvancedX Wired NVR Security System, demonstrating its features and capabilities.

4. SETUP INSTRUCTIONS

4.1 NVR Connection

1. Connect the NVR to a monitor using the provided HDMI cable.
2. Connect the included mouse to a USB port on the NVR.
3. Connect the NVR to your router using an Ethernet cable for network access.
4. Connect the power adapter to the NVR and plug it into a power outlet. The NVR will power on automatically.

4.2 Camera Installation

The cameras utilize Power over Ethernet (PoE) technology, meaning a single Ethernet cable provides both power and video transmission.

1. Select suitable locations for your cameras, ensuring they cover desired areas and are within reach of Ethernet cabling.

2. Mount each camera securely using the provided screws and plugs. The cameras feature a secure adjustable mounting stand for optimal positioning.
3. Connect one end of an Ethernet cable to the camera's PoE port.
4. Connect the other end of the Ethernet cable to an available PoE port on the NVR.

See Clearly at Night

Traditional night vision falls short—see it all in full color.



50' Color Night Vision



Image: A diagram illustrating the Power over Ethernet (PoE) connection from a camera to the NVR and then to a router, highlighting the reliable wired connection.

4.3 Initial Setup Wizard

Upon first power-up, the NVR will guide you through an initial setup wizard to configure basic settings such as language, time zone, and network settings. Follow the on-screen prompts.

4.4 Swann Security App

Download the Swann Security app from your device's app store to access live viewing, playback, and system controls remotely.

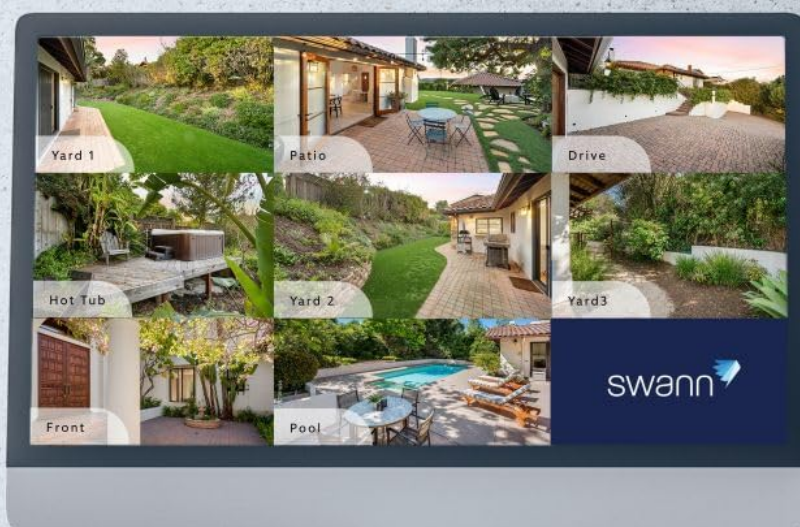
5. OPERATING THE SYSTEM

5.1 Live Viewing

Once connected, cameras will display live footage on your monitor. You can view individual cameras or a multi-camera grid. The 4K Ultra-HD resolution ensures clear visuals.

8 Channels, 8 Cameras

Get instant access to your footage
in 4K UHD resolution.



1TB HDD Included (Expandable to 8TB)



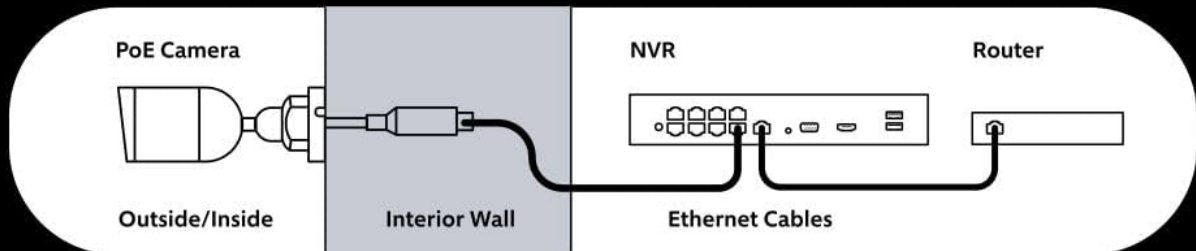
Image: A monitor displaying live feeds from eight different cameras, showcasing various areas of a property.

5.2 Recording

The system is configured for 24/7 continuous recording to the internal 1TB Hard Disk Drive (HDD). Additionally, it features pre-record functionality, capturing footage 10 seconds before a detected event to ensure no critical moments are missed.

PoE NVR System

Get uninterrupted recording, higher video quality, and stronger cybersecurity.



Reliable Wired Connection



Image: A side-by-side comparison demonstrating the system's pre-capture recording feature, showing footage before and after an event.

5.3 Playback

Access recorded footage through the NVR interface or the Swann Security app. You can search by date, time, or event type. The system allows for digital zoom during playback to view details.

5.4 Smart AI Video Analytics

The AdvancedX system incorporates intelligent video analytics to reduce false alarms and provide precise alerts:

- **Person & Vehicle Detection:** Identifies human and vehicle movement, distinguishing them from other motion sources.
- **Line Crossing Detection:** Triggers an alert when an object crosses a pre-defined virtual line.
- **Perimeter Intrusion Detection:** Alerts when an object enters or exits a specified area.
- **Sound Detection:** Detects unusual sounds within the camera's audio range.

Reduce False Alarms

Smart heat & motion sensors accurately detect people, pets & vehicles.



Person Detected



Vehicle Detected

Advanced Motion Detection



Image: A car in a driveway with overlays indicating 'Person Detected' and 'Vehicle Detected', demonstrating the system's advanced motion detection capabilities.

5.5 Color Night Vision & Spotlights

The cameras are equipped with powerful spotlights and color night vision technology, allowing them to capture full-color video in low-light conditions up to 50 feet. This provides more detailed and informative footage compared to traditional black and white infrared night vision.

AdvancedX Camera Features



Image: A comparison showing a night scene in traditional black and white night vision versus the system's 50-foot color night vision.

5.6 Audio Recording

Each camera includes a built-in microphone for audio recording, providing an additional layer of information for surveillance footage.



Image: A close-up view of an AdvancedX camera, highlighting its features including the microphone, spotlights, color night vision, and adjustable mounting stand.

5.7 Alerts & Deterrents

When an event is detected, the system can send instant mobile alerts to your smartphone. Built-in spotlights and sirens on the cameras can be triggered automatically or manually via the app to deter unwanted activity.

See the Full Story

AdvancedX cameras automatically record before an event is detected.



Image: A smartphone screen displaying an 'Event Alert' from the Swann Security app, showing motion detected by a camera and options to activate lights or sirens.

5.8 Storage Options

Your system includes a 1TB HDD for local storage. You can also utilize 1-day cloud backup and transfer incident video to Dropbox for additional security and accessibility.

6. MAINTENANCE

6.1 Hard Drive Management

The NVR's 1TB HDD will automatically overwrite the oldest footage once full. For critical recordings, ensure you back them up to cloud storage or an external device. The HDD can be upgraded to a maximum of 8TB.

6.2 Camera Cleaning

Periodically clean camera lenses with a soft, damp cloth to ensure optimal image clarity. Avoid abrasive cleaners.

6.3 Firmware Updates

Regularly check for and install firmware updates for your NVR and cameras via the Swann Security app or Swann's official website. Updates often include performance improvements and security enhancements.

7. TROUBLESHOOTING

7.1 No Video Display

- Ensure the NVR is powered on and connected to the monitor via HDMI.
- Verify that each camera's Ethernet cable is securely connected to both the camera and the NVR's PoE port.
- Check the power adapter for the NVR.

7.2 No Recording

- Confirm the NVR's hard drive is functioning and has available space.
- Check recording schedules and settings in the NVR menu.

7.3 Network Connection Issues

- Ensure the NVR is connected to your router with a working Ethernet cable.
- Restart your router and NVR.
- Verify network settings on the NVR.

7.4 Excessive False Alerts

- Adjust the sensitivity settings for motion detection in the NVR or app.
- Refine detection zones to exclude areas with frequent non-threatening movement (e.g., trees swaying).
- Utilize AI detection features (person/vehicle) to filter out irrelevant motion.

8. SPECIFICATIONS

Feature	Specification
Brand	Swann
Model Number	SWNVK-8ADVANX8B-US
Connectivity Technology	Wired (PoE)
Video Capture Resolution	4K (8MP)
Number of Channels	8
Memory Storage Capacity	1 TB HDD (expandable to 8 TB)
Special Feature	App Control, Color Night Vision, Smart AI Video Analytics
Power Source	Corded Electric
Night Vision Range	50 Feet (Color Night Vision)
Frame Rate	15 fps
Total USB Ports	2
Product Dimensions	11.1 x 14.8 x 11.62 inches
Item Weight	16.12 pounds

9. WARRANTY AND SUPPORT

Your Swann AdvancedX Wired NVR 4K Security Camera System is covered by a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Swann website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or further inquiries, please visit the Swann support website or contact their customer service. You can find contact information and FAQs on the official Swann website: www.swann.com/us/support

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.

Name

Anonymous

Email

you@example.com

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