

Swann SWDVK-846808WL-US

Swann 1080p Full HD 8-Channel Wired DVR Security System

Model: SWDVK-846808WL-US

1. INTRODUCTION AND SYSTEM OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your Swann 1080p Full HD 8-Channel Wired DVR Security System. This system is designed to provide comprehensive surveillance for homes and businesses, featuring high-definition video recording, advanced motion detection, and remote access capabilities.

Key features include:

- **Full HD 1080p Resolution:** Captures clear and detailed video footage.
- **Color Night Vision:** Integrated spotlights enable color video recording in low-light conditions up to 32ft (10m).
- **True Detect™ Heat & Motion Sensing:** Utilizes PIR sensors to detect heat signatures and movement from humans and vehicles, reducing false alerts.
- **Wired Connectivity:** Ensures stable and reliable video transmission without Wi-Fi interference.
- **1TB Hard Drive:** Provides local storage for up to 12 months of continuous recording.
- **Expandable System:** Supports up to 8 cameras, allowing for scalable coverage.
- **Remote Access:** View live feeds, review footage, and receive alerts via the Swann Security app on your smartphone.



Image 1.1: The Swann 8-channel DVR with eight included bullet cameras.

Swann 1080p DVR

Home Wired Security System with
1TB Hardrive & 24/7 Recording



-  True 1080p HD Resolution
-  Advanced Motion Detection
-  1TB HDD 4 Channels
-  Trusted Wired Connection
-  32' Color Night Vision

Image 1.2: Overview of Swann 1080p DVR system features including True 1080p HD Resolution, Advanced

2. WHAT'S IN THE BOX

Your Swann Security System package includes the following components:

- 8-Channel Digital Video Recorder (DVR) with 1TB Hard Drive
- 8 x 1080p Bullet Cameras
- 8 x BNC Cables (60ft/18m each)
- Power Adapters for DVR and Cameras
- HDMI Cable
- Ethernet Cable
- USB Mouse
- Mounting Screws and Plugs
- Operating Instructions / Quick Start Guide
- Theft Deterrent Stickers

1080p Bullet Camera

Wired, IP66 rated indoor/outdoor security system camera.



Image 2.1: A detailed view of a 1080p bullet camera, highlighting its motion sensing light, color night vision, heat & motion sensor, weatherproof seal, and secure adjustable mounting stand.

3. SETUP AND INSTALLATION

3.1 Hardware Connection

1. **Connect Cameras:** Attach each camera to the DVR using the provided BNC cables. Ensure connections are secure.
2. **Connect DVR to Monitor:** Use the HDMI cable to connect the DVR to a monitor or TV.
3. **Connect USB Mouse:** Plug the USB mouse into an available USB port on the DVR.
4. **Network Connection:** Connect the DVR to your router using the Ethernet cable for remote access and updates.
5. **Power On:** Connect the power adapters to the cameras and the DVR, then plug them into power outlets. The system will power on automatically.

3.2 Initial Software Configuration

Upon first startup, the DVR will launch a 'Startup Wizard' to guide you through essential settings. Follow the on-screen prompts to configure your system.

- **Set Password:** Create a strong password for your DVR to secure access.
- **Language and Time Settings:** Select your preferred language, video format (NTSC for USA/Canada, PAL for UK/Australia/New Zealand), resolution (1080p recommended), time zone, and date format.
- **Email Configuration:** Set up email alerts for motion detection or system events. You will need to enter your email account details (SMTP server, port, username, password) and a recipient email address. Ensure 'Less secure app access' is enabled for Gmail accounts if using a Gmail address for sending alerts.
- **NTP Configuration:** Enable Network Time Protocol (NTP) to automatically synchronize the DVR's time with an internet time server.
- **Daylight Saving Time (DST):** Configure DST settings as applicable for your region.

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Video 3.1: This video provides an overview of the Swann Security System setup wizard, demonstrating initial configuration steps including password creation, language settings, and email alert setup.

4. OPERATING THE SYSTEM

4.1 Live Viewing and Recording

The DVR provides continuous 24/7 recording. You can view live feeds from all cameras simultaneously or select individual cameras for a larger view on your connected monitor.

4.2 Motion Detection and Alerts

The system utilizes True Detect™ PIR motion sensing to accurately identify human and vehicle movement, minimizing false alarms. When motion is detected, the system can trigger recording, activate built-in spotlights on cameras, and send email notifications.

Reduce False Alarms

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

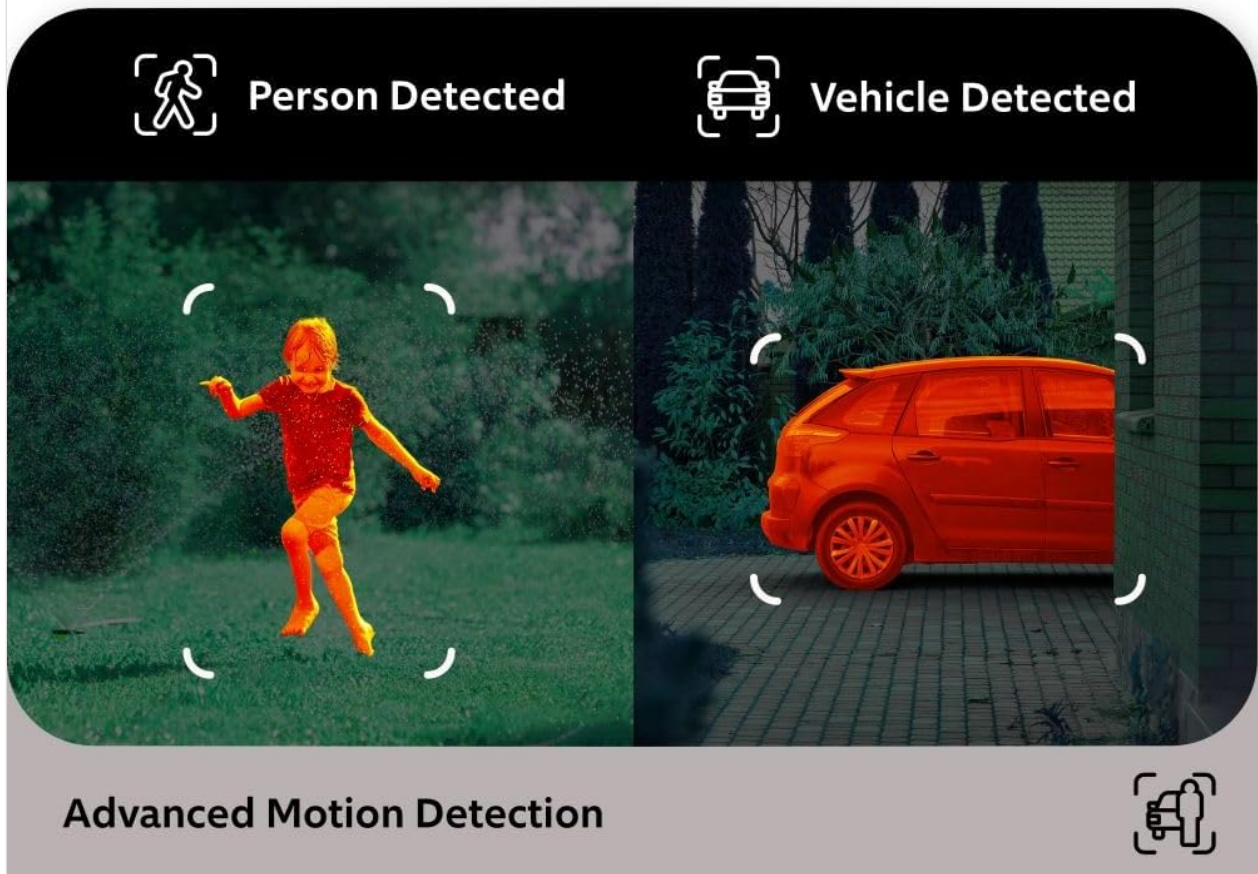


Image 4.1: Illustration of the system's advanced motion detection distinguishing between a person and a vehicle to reduce false alarms.

4.3 Smart Search Playback

To review recorded footage, use the Smart Search function. This allows you to select a specific area within the video frame, and the system will scan recordings for motion in that location, making it easier to find relevant events.

View Footage with Ease

Watch live all at once, with one camera view, or view recordings for a specific area with Smart Search.



1TB HDD Included (Expandable to 8TB)



Image 4.2: A monitor displaying live footage from multiple cameras, demonstrating the ease of viewing and the Smart Search feature for reviewing specific events.

4.4 Customizable Detection Zones

You can define specific motion detection zones and adjust sensitivity levels for each camera. This allows you to focus monitoring on high-priority areas and reduce unnecessary alerts from irrelevant activity.

Focus on the Areas that Matter Most



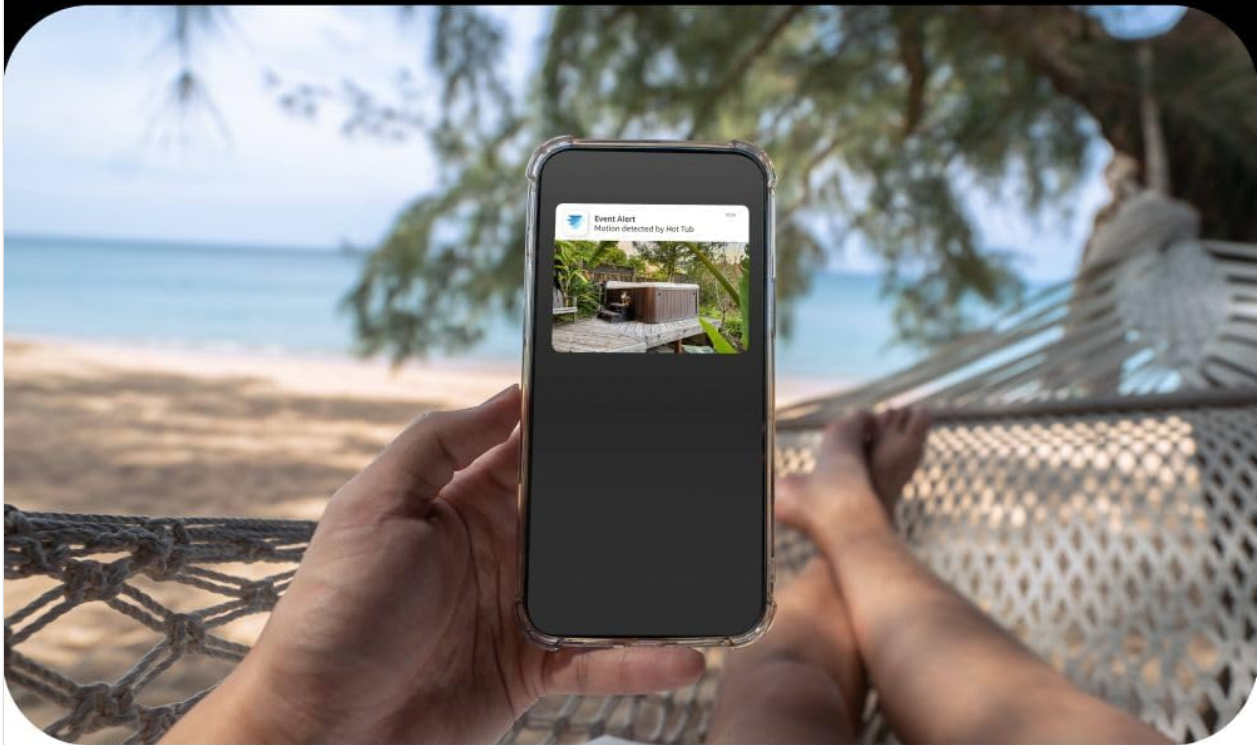
Image 4.3: An example of custom activity zones being set up to focus motion detection on specific areas of interest.

4.5 Remote Access via Swann Security App

The Swann Security app allows you to view live feeds, review recorded footage, and receive push notifications directly on your smartphone from anywhere with an internet connection.

Never Miss a Moment

Get a notification for any triggered event, no matter where you are.



Instant App Alert



Image 4.4: A smartphone showing an instant app alert notification from the Swann Security system, indicating a triggered event.

5. MAINTENANCE

- **Regular Cleaning:** Periodically clean camera lenses and housings to ensure clear image quality. Use a soft, damp cloth.
- **Firmware Updates:** Check the Swann support website regularly for firmware updates for your DVR. Updates can improve performance and add new features.
- **Hard Drive Health:** The 1TB hard drive is designed for continuous recording. Monitor its health through the DVR's system settings. Back up important footage as needed.
- **Cable Inspection:** Periodically inspect all cables for wear, damage, or loose connections, especially for outdoor installations.

6. TROUBLESHOOTING

- **No Video Display:** Ensure the DVR is powered on, the monitor is connected correctly via HDMI, and the input source on the monitor is set to HDMI. Check camera power and BNC cable connections.

- **No Remote Access:** Verify the DVR is connected to your network via Ethernet and has an active internet connection. Check router settings and ensure the Swann Security app is correctly configured with your DVR's P2P ID. Confirm email settings for alerts are correct and 'Less secure app access' is enabled for Gmail if applicable.
- **False Motion Alerts:** Adjust the sensitivity of motion detection and refine custom detection zones in the DVR settings to minimize triggers from environmental factors like moving trees or shadows.
- **Poor Image Quality:** Clean camera lenses. Ensure cameras are positioned correctly and not facing direct light sources that could cause glare. Check resolution settings on the DVR.
- **No Recording:** Verify the hard drive is installed and functioning correctly. Check recording schedules and motion detection settings to ensure they are enabled.







7. SPECIFICATIONS

- **Brand:** Swann
- **Model Number:** SWDVK-846808WL-US
- **Connectivity Technology:** Wired
- **Video Capture Resolution:** 1080p Full HD
- **Number of Channels:** 8
- **Memory Storage Capacity:** 1 TB HDD
- **Color:** White (Cameras)
- **Power Source:** Corded Electric
- **Item Dimensions (L x W x H):** 11.02 x 14.77 x 11.62 inches
- **Operating System:** Linux
- **Recommended Uses:** Surveillance
- **Compatible Devices:** Smartphones (via Swann Security App)
- **Other Camera Features:** Bullet type, IP66 weatherproof, Night Vision, Motion Detection, Sensor Spotlights
- **Low Light Technology:** Color Night Vision (with spotlights), Black-and-White Night Vision (up to 100ft/30m)
- **Frame Rate:** 15 FPS
- **Recording Mode:** Continuous, Motion Detection
- **Total USB Ports:** 2
- **Hardware Interface:** USB 2.0
- **Lens Type:** Fixed
- **UPC:** 840236144716

8. WARRANTY AND SUPPORT

Swann products are backed by a manufacturer's warranty. For specific warranty details, registration, and technical support, please visit the official Swann support website or contact their customer service. Keep your proof of purchase for warranty claims.

For additional assistance, visit: [Swann Support](#)

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|  | <p>Swann Advanced-Series Security Recording Kit DVR4-1260TM with 2 PRO-535TM Cameras Surveillance System</p> <p>Swann Advanced-Series Security Recording Kit (DVR4-1260TM) includes a 4-channel DVR and two PRO-535TM cameras. Features 600TVL resolution, 65ft night vision, H.264 recording, 500GB HDD, and remote smartphone viewing via the SwannView app.</p> |
|  | <p>Swann Wi-Fi NVR Security Camera Instruction Manual</p> <p>Instruction manual for the Swann Wi-Fi NVR Security Camera, detailing setup, connection, pairing, mounting, and location tips for 1080p Full HD video with heat & motion sensing, spotlights, sirens, 2-way audio, and color night vision.</p> |
|  | <p>Swann Smart Security System 4K Series Instruction Manual</p> <p>Comprehensive instruction manual for the Swann Smart Security System 4K Series. Learn how to set up, configure, and operate your DVR, including live view, recording, playback, system settings, and advanced features.</p> |
|  | <p>Swann PRO-1080MSBPK2 Thermal-Sensing Security Cameras 1080p HD, Night Vision, PIR Motion Detection</p> <p>Explore Swann's PRO-1080MSBPK2 Thermal-Sensing Security Cameras. Featuring 1080p HD, advanced PIR motion detection, 100ft night vision, weatherproof design, and easy DIY installation for reliable home and business security.</p> |
|  | <p>Swann Security App Quick Start Guide for iOS</p> <p>A concise guide to downloading, registering, and pairing your Swann Security app with your DVR or NVR system. Learn to set up your home security monitoring.</p> |
|  | <p>Swann PRO-752 Dome PTZ Camera Installation and Configuration Guide</p> <p>Comprehensive installation, setup, and configuration guide for the Swann PRO-752 Dome PTZ Camera, including warranty information, compatibility details, connection diagrams, and technical support contacts.</p> |