

Swann SWVAK-834254C

Swann SWVAK-834254C Integrated Video & Alarm Security System User Manual

Model: SWVAK-834254C

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Swann SWVAK-834254C Integrated Video & Alarm Security System. This system combines video surveillance with an alarm system to provide comprehensive security for your property. Please read this manual thoroughly before using the product to ensure correct setup and optimal performance.

2. IMPORTANT SAFETY INFORMATION

- Ensure all power connections are secure and correctly rated for the device.
- Do not expose the DVR or cameras to extreme temperatures, humidity, or direct water contact unless specified as weatherproof.
- Avoid placing the DVR in areas with poor ventilation.
- Only use power adapters supplied with the system or approved replacements.
- Keep cables organized to prevent tripping hazards and damage.
- Consult a qualified professional for complex electrical installations.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 8-Channel 960H Digital Video Recorder (DVR)
- 4 x Pro-735 Security Cameras
- 5 x Wireless Window/Door Sensors
- 3 x Remote Controls
- 2 x PIR Movement Sensors
- Anti-Intrusion Indoor Siren
- Power Adapters for DVR and Cameras
- Video Cables

- Ethernet Cable
- USB Mouse
- Mounting Screws and Plugs
- Instruction Manual



Image 3.1: Overview of the Swann SWVAK-834254C system components, including the DVR, cameras, sensors, siren, and remote controls.

4. SYSTEM OVERVIEW

4.1 Digital Video Recorder (DVR)

The DVR is the central unit of your security system, responsible for recording, storing, and managing video footage from the connected cameras. It features 8 channels for video input and a 1TB hard drive for storage.



Image 4.1: Front view of the Swann DVR unit with an attached USB mouse for navigation.



Image 4.2: Rear panel of the Swann DVR, showing audio input/output, video input (BNC), VGA, HDMI, LAN, USB, and power ports.

4.2 Security Cameras (Pro-735)

The system includes four Pro-735 cameras, offering 720TVL resolution and night vision capabilities up to 82ft (25m). These cameras are designed for both indoor and outdoor use with an IP67 weatherproof rating.



Image 4.3: Four Swann Pro-735 bullet-style security cameras, ready for installation.



Image 4.4: Detailed view of a Pro-735 camera lens, highlighting the infrared LEDs for night vision.

4.3 Alarm Sensors and Accessories

The alarm component includes wireless window/door sensors, PIR movement sensors, remote controls, and an indoor siren. These devices communicate wirelessly with the system to detect intrusions and trigger alerts.

5. SYSTEM SETUP

5.1 Planning Your Installation

Before beginning installation, plan the optimal locations for your cameras and sensors. Consider areas with high traffic, entry points, and valuable assets. Ensure cameras have a clear field of view and sensors are placed on all vulnerable windows and doors.

5.2 Connecting the DVR

1. **Connect a Monitor:** Use an HDMI or VGA cable to connect the DVR to a monitor.
2. **Connect the Mouse:** Plug the USB mouse into one of the USB ports on the DVR.
3. **Network Connection:** Connect an Ethernet cable from the DVR's LAN port to your router for remote access and updates.
4. **Power Connection:** Connect the DVR power adapter to the DVR and then to a power outlet.

5.3 Installing Cameras

1. **Mounting:** Securely mount each camera in your chosen location using the provided screws and plugs. Adjust the camera angle for optimal coverage.
2. **Connecting to DVR:** Connect the video cable from each camera to an available BNC video input port on the DVR. Connect the camera power adapter to the camera and a power outlet.

5.4 Installing Alarm Sensors

1. **Window/Door Sensors:** Attach the two parts of each sensor to a window or door frame and the movable part, ensuring they are aligned and within 1 cm of each other when closed.
2. **PIR Movement Sensors:** Mount PIR sensors in areas where motion detection is critical, such as hallways or rooms, ensuring a clear line of sight.
3. **Pairing:** Follow the on-screen instructions on the DVR to pair each wireless sensor with the system.

5.5 Connecting the Siren

Plug the anti-intrusion indoor siren into a power outlet in a central location. Pair it with the DVR system according to the on-screen instructions.

5.6 Initial Power-Up and Configuration

Once all components are connected, power on the DVR. The system will guide you through an initial setup wizard, including setting a password, configuring date/time, and network settings. It is crucial to set a strong password for security.

6. SYSTEM OPERATION

6.1 Live View

After setup, the DVR will display a live view from all connected cameras on your monitor. You can switch between single-camera view and multi-camera grid view using the mouse.

6.2 Recording Modes

The DVR supports various recording modes:

- **Continuous Recording:** Records 24/7.
- **Motion Detection Recording:** Records only when motion is detected by cameras.

- **Scheduled Recording:** Records during specific times.
- **Alarm Triggered Recording:** Records when an alarm sensor is activated.

Configure these settings via the DVR's main menu.

6.3 Playback

Access recorded footage through the DVR's playback menu. You can search by date, time, and event type (e.g., motion detection, alarm). Use the controls to play, pause, fast forward, and rewind.

6.4 Alarm System Control

The alarm system can be armed and disarmed using the provided remote controls or through the DVR interface.

- **Arming:** Activates all paired sensors. If a sensor is triggered, the siren will sound, and alerts will be sent.
- **Disarming:** Deactivates the alarm sensors.
- **Panic Button:** Remote controls typically include a panic button to manually trigger the siren.

6.5 Remote Access (Smartphone/Tablet)

Download the official Swann security app from your device's app store. Follow the in-app instructions to add your DVR system. This allows you to view live footage, play back recordings, and control the alarm system remotely.

7. MAINTENANCE

- **Camera Cleaning:** Periodically clean camera lenses with a soft, damp cloth to ensure clear image quality. Do not use harsh chemicals.
- **Sensor Battery Replacement:** Replace batteries in wireless sensors (window/door, PIR, remote controls) as indicated by low battery warnings on the DVR or app. Refer to individual sensor manuals for battery types.
- **Hard Drive Health:** Regularly check the DVR's hard drive status through the system menu to ensure it is functioning correctly and has sufficient storage space.
- **Firmware Updates:** Check the Swann website for available firmware updates for your DVR to ensure optimal performance and security.

8. TROUBLESHOOTING

Issue	Possible Cause	Solution
No video display from cameras	Loose cable connection, no power to camera, camera fault.	Check video and power cables. Ensure camera power adapter is plugged in. Test camera on a different channel.
DVR not powering on	Power adapter not connected, faulty power adapter, power outlet issue.	Verify power adapter connection to DVR and outlet. Test outlet with another device. Try a different power adapter if available.
Wireless sensors not pairing	Low battery, out of range, incorrect pairing procedure.	Replace sensor batteries. Move sensor closer to DVR. Re-attempt pairing following manual instructions.
No remote access via app	DVR not connected to network, incorrect network settings, app not configured correctly.	Ensure DVR is connected to router. Check DVR network settings. Verify app configuration and internet connection on your mobile device.

Issue	Possible Cause	Solution
Siren not activating	Siren not powered, not paired, alarm system disarmed.	Check siren power. Ensure siren is paired. Verify alarm system is armed.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Swann
Model	SWVAK-834254C
DVR Channels	8 Channels
Video Resolution	960H
Storage Capacity	1TB (Internal)
Camera Type	Pro-735 (4 included)
Camera Night Vision Range	Up to 82 ft (25m)
Camera Weatherproof Rating	IP67
Alarm Sensors	5 x Wireless Window/Door, 2 x PIR Movement
Siren Output	100dB
Connectivity Technology	Wired (Cameras), Wireless (Sensors)
Control Method	Remote, USB Mouse, Smartphone App
Power Source	Battery Powered (Sensors), AC Powered (DVR, Cameras, Siren)
Voltage	120 Volts (Input for power adapters)
Item Dimensions (L x W x H)	15 x 5 x 12 inches
Item Weight	10 Pounds
UPC	840236105366

10. WARRANTY INFORMATION

This product 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 terms and conditions regarding warranty coverage and claims.

11. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or further inquiries, please visit the official Swann support website or contact their customer service. You can find more information and resources at the [Swann Store on Amazon](#).

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