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› [Swann](#) /

› SWANN Master 4K 8 Channel Home Security Camera System Instruction Manual

Swann SONVK-876804-US

SWANN Master 4K 8 Channel Home Security Camera System

Brand: Swann | Model: SONVK-876804-US

INTRODUCTION

The Swann Master-Series 4K HD 8 Channel NVR CCTV camera security system is designed to provide comprehensive surveillance and peace of mind for your home or business. This system features 4K Ultra HD resolution, advanced heat and motion detection, and convenient remote access. This manual will guide you through the setup, operation, and maintenance of your new security system.



Figure 1: Swann Master 4K 8 Channel Home Security Camera System



Figure 2: Enhanced Clarity with 4K Resolution

WHAT'S IN THE BOX

Your Swann Master-Series 4K HD NVR Security System package includes the following components:

- NVR-8580 8 Channel IP NVR security system with 2TB Hard Drive (x1)
- NHD-875WLB Bullet security camera (x4)
- 60ft/18m Ethernet Cable (x4)
- 3ft/1m Ethernet Cable (x1)
- HDMI Cable (x1)
- NVR Power Adapter (x1)

- Mouse (x1)
- Mounting Screws & Plugs (x6)
- Theft Deterrent Stickers (x2)

What's in the box?



Figure 3: Package Contents

Video 1: Unboxing the Swann Master-Series NVR Security System. This video provides a visual guide to all the components included in your package.

SETUP

Connecting the NVR and Cameras

The Swann Master-Series system utilizes Power over Ethernet (PoE) for simplified installation. A single Ethernet cable provides both power and video transmission for each camera.

1. Connect the NVR to a power source using the provided NVR Power Adapter.
2. Connect the NVR to your router using the shorter Ethernet Cable (3ft/1m) for internet access.
3. Connect each NHD-875WLB camera to an available PoE port on the back of the NVR using the longer Ethernet Cables (60ft/18m).
4. Connect the NVR to a monitor or TV using the HDMI Cable for local viewing and configuration.
5. Connect the provided mouse to a USB port on the NVR for navigation.



Figure 4: NVR Rear Panel and Camera Connections

Camera Placement

Strategically place your cameras to cover key areas. The NHD-875WLB cameras are IP66 rated, meaning they are built to withstand rain, snow, and heat, making them suitable for both indoor and outdoor installation.

- Consider placing cameras at entry points like front doors, back doors, and ground-floor windows.
- Cover areas with valuable assets, such as driveways, garages, and sheds.
- Ensure cameras have a clear line of sight and are mounted securely using the provided screws and plugs.

IP66



WEATHERPROOF



-22°F/-30°C



131°F / 55°C



Figure 5: Weatherproof Design for Indoor and Outdoor Use

OPERATING YOUR SECURITY SYSTEM

Remote Access via Swann Security App

Access your security system remotely from anywhere using the free Swann Security app on your iOS or Android smartphone or tablet. The app allows you to view live feeds, playback recorded footage, and receive alerts.

REMOTE ACCESS

ANYWHERE & ANYTIME



SUPPORTS: Windows, Mac OS,



SUPPORTS: iOS, Android,
4G/5G Smartphones & Tablets



Figure 6: Remote Access Anywhere & Anytime

Swann Security App

Security in the Palm of your hands

Multi-camera live streaming that's always on. Receive alerts when activity is detected. See, store & playback video on your phone.



Figure 7: Swann Security App Interface

Heat and Motion Detection (True Detect)

The system features Swann's True Detect technology, which uses heat and motion to accurately trigger recordings and alerts. This reduces false alarms caused by irrelevant movements like swaying branches.

- **Human & Vehicle Detection:** Advanced analytics can differentiate between human and vehicle movement, sending specific alerts to your phone.
- **Sensor Lights:** Cameras are equipped with sensor lights that illuminate when heat and motion are detected, deterring intruders.

PIR Heat & Motion Detection

Swann's True Detect™ only records & sends you alerts about the events that matter.

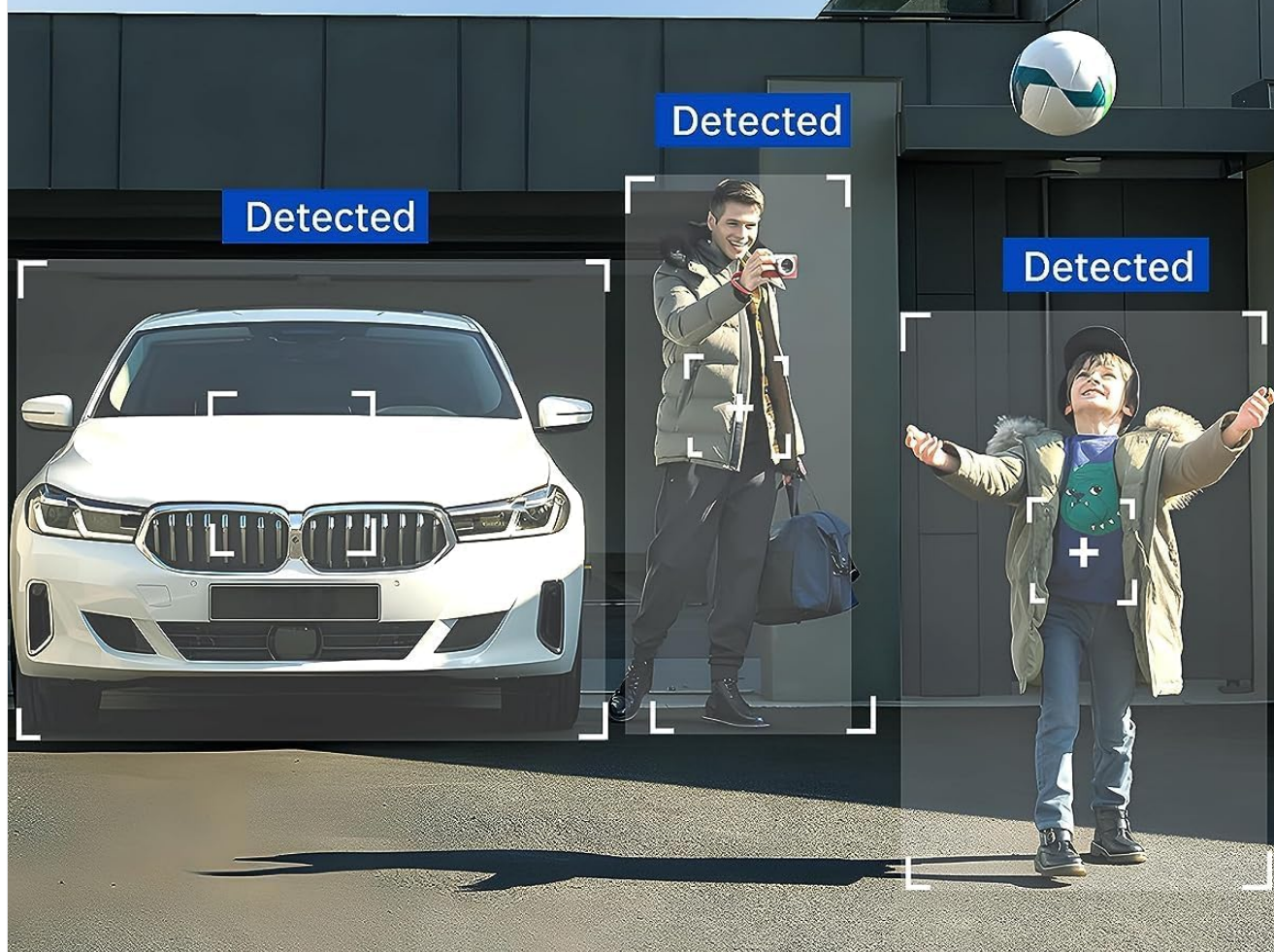


Figure 8: PIR Heat & Motion Detection in Action



Figure 9: Enhance Your Security with Intelligent Analytics

Night Vision Capabilities

The cameras offer versatile night vision options:

- **Color Night Vision:** With LED lights, you can see color video at night up to 32ft.
- **Black & White Night Vision:** In total darkness, the cameras provide clear black and white vision up to 130ft.

Turn Night Into Day

Heat & motion-sensing lights let you see color at night



Figure 10: Turn Night Into Day with Color Night Vision

Voice Control Integration

Integrate your Swann system with smart home devices for convenient voice control:

- Stream video from your camera via Hey Google (e.g., Chromecast, Google Home Hub).
- Stream video via Alexa devices with a screen (e.g., Echo Spot, Echo Show, 4K Fire TV).

Video 2: Swann Master-Series NVR Security Overview. This video highlights key features and benefits of the system, including smart analytics and voice control.

MAINTENANCE AND STORAGE

Your NVR comes with a pre-installed 2TB HDD, providing ample storage for continuous 24/7 recording. This allows for months of stored video before the system begins saving over older footage.

- **Continuous Recording:** The system can record 24/7, ensuring no moment is missed.
- **Event-Only Recording:** Alternatively, set up recordings to trigger only when True Detect heat & motion is detected, saving storage space and making footage review more efficient.
- **Local Storage:** All recordings are stored locally on the 2TB hard drive, eliminating the need for monthly fees.
- **Data Backup:** You can easily transfer video files to a USB memory stick or download them to your network for off-site backup.

Continuous Monitoring 24/7



Built-in
2TB HDD



Up to
6TB



Figure 11: Continuous Monitoring 24/7 with Built-in 2TB HDD

TROUBLESHOOTING

Common Issues and Solutions

- **No Owner's Manual / Quick Start Guides are Unclear:** While a comprehensive printed manual is not included, detailed instructions and guides are available through the Swann Security app and Swann's official support website. These digital resources provide step-by-step instructions and up-to-date information.
- **Unable to Turn Off Night Vision:** The night vision functionality, including color night vision and infrared, is typically automatic based on ambient light conditions. Specific settings to manually disable night vision may vary by firmware version; refer to the Swann Security app settings or the latest online manual for your model.
- **Software Not Compatible with Current Windows OS:** Ensure you are using the latest version of the Swann software or app. Visit the official Swann support website for driver updates, software downloads, and compatibility information for your operating system.
- **Camera Power Cable Not Included / No Cap for Unused Cable:** The PoE cameras receive power directly through the Ethernet cable from the NVR, eliminating the need for separate power cables. If your camera has an additional power input, it is typically for alternative power methods not required for standard PoE setup. For weather protection of unused ports, consider using electrical tape or weather-resistant sealant.
- **Excessive Motion Notifications:** The True Detect system is designed to reduce false alarms by focusing on heat and motion from significant objects like people and vehicles. If you are receiving too many notifications, review your camera's motion detection settings within the Swann Security app. Adjust sensitivity levels, define specific detection zones, or enable human/vehicle detection filters to optimize alerts.

TECHNICAL SPECIFICATIONS

Feature	Specification
Indoor/Outdoor Usage	Outdoor, Indoor
Compatible Devices	Television
Power Source	Corded Electric (PoE)
Connectivity Protocol	Ethernet
Controller Type	Google Assistant, Amazon Alexa
Video Capture Resolution	2160p (4K Ultra HD)
Number of Channels	8
Item dimensions L x W x H	6.6 x 2.8 x 2.8 inches (Camera)
Water Resistance Level	Waterproof (IP66)
Low light technology	Night Color
Alert Type	Motion Only (with Human & Vehicle Detection)
Item Weight	11.62 pounds (Total Package)
Model Number	SONVK-876804-US
First Available Date	March 10, 2020

WARRANTY AND SUPPORT

Your Swann Master-Series 4K HD NVR Security System is backed by a **one-year limited warranty**. Swann is committed to delivering reliable security solutions and customer satisfaction.

For any questions, technical assistance, or warranty claims, please reach out to Swann's dedicated customer care support team. You can typically contact them via Amazon Message or through the contact methods provided on Swann's official website.

Additionally, Swann products and their components are **NDAA compliant**, ensuring adherence to high security and ethical manufacturing standards.

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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