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› Swann MaxRanger 4K Wireless NVR Security System 2-Cam Instruction Manual

## Swann SWNVK-MR4KSD2-US

# Swann MaxRanger 4K Wireless NVR Security System User Manual

Model: SWNVK-MR4KSD2-US

## INTRODUCTION

The Swann MaxRanger 4K Wireless NVR Security System is designed to provide robust and reliable surveillance for large properties. Featuring advanced 900MHz Wi-Fi technology, this system offers significantly extended range and improved signal penetration compared to standard Wi-Fi systems. The cameras are solar-powered, ensuring continuous operation without the need for frequent recharging. With 4K Ultra HD resolution, intelligent detection capabilities, and local storage, the MaxRanger system delivers comprehensive security and peace of mind.



Image: The Swann MaxRanger 4K Wireless NVR Security System, showing the NVR hub and two wireless cameras.

## WHAT'S IN THE BOX?

Before beginning installation, please ensure all components listed below are present and in good condition.

- MaxRanger4K NVR Hub with 64GB SD Card Storage
- 1 x Rechargeable Battery for Power Hub
- 2 x MaxRanger4K MR4KCAM Wireless Cameras
- Power Adapter
- HDMI Cable
- Ethernet Cable
- Mouse
- USB-C Charging Cable
- Mounting Screws & Plugs
- Operating Instructions
- Theft Deterrent Stickers

# What's in the Box?



Hub with 64GB  
Micro SD Storage



MaxRanger4K™  
Wireless Cameras **x2**



Power Adapter



Mouse



Screw Bag



HDMI Cable



Ethernet Cable



Security Stickers

Image: All components included in the MaxRanger 4K system box.

## Unboxing Video

Video: An official Swann video demonstrating the unboxing and contents of the MaxRanger 4K system.

## SETUP GUIDE

Follow these steps to set up your Swann MaxRanger 4K Wireless NVR Security System.

### Initial Camera Preparation

1. Fully charge each camera using the included USB-C charging cable for 3-4 hours before mounting. The integrated solar panel will maintain the charge once installed.
2. Attach the long-range antenna to each camera by rotating the base clockwise until secure. Position the antenna vertically for optimal signal reception.
3. Remove the protective film from the camera lens.

### NVR Hub Connections

4. Connect the NVR Hub's antenna by turning the base clockwise.
5. Connect the supplied Ethernet cable from the NVR Hub's LAN port to a spare port on your router or Wi-Fi access point.
6. Connect the included HDMI cable from the NVR Hub's HDMI port to your display (TV or monitor).
7. Connect the mouse to one of the NVR Hub's USB ports.
8. Insert the rechargeable hub battery into its dedicated port on the NVR Hub until it clicks into place. This provides up to 5 hours of backup power during outages.
9. Connect the supplied power adapter to the NVR Hub's power input, then plug the adapter into a power outlet.

### Setup Video Guide

Video: An official Swann video detailing the setup process for the MaxRanger 4K system.

### Camera Placement

The MaxRanger 4K cameras utilize a unique 900MHz Wi-Fi technology, allowing for significantly longer range and better penetration through obstacles compared to standard 2.4GHz Wi-Fi. This enables flexible placement up to 2000ft (600m) in open air or 650ft (200m) in typical use from the NVR Hub. Consider mounting cameras on fences, trees, or outbuildings to cover perimeters and blind spots.

#### Always Free Recording with 64GB Local Storage & Cloud BackUp

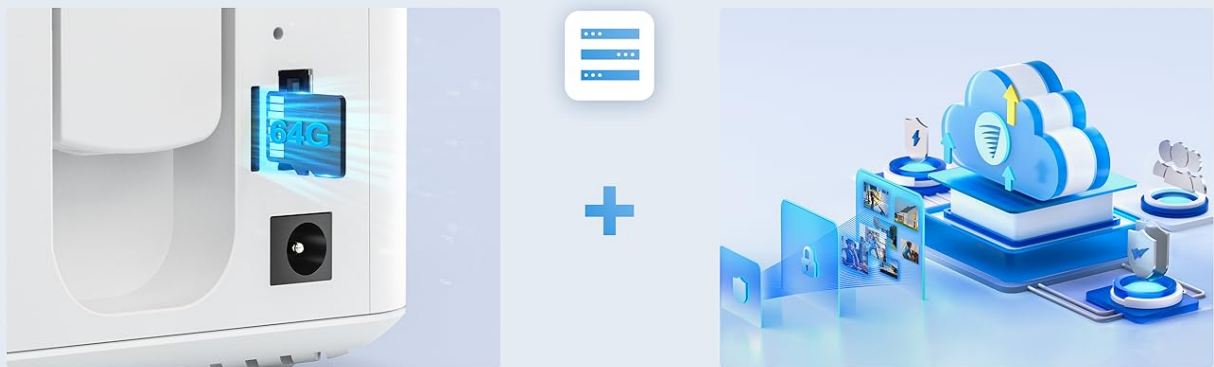


Image: Diagram illustrating the extended wireless range of the MaxRanger 4K system across a large property.

## OPERATING INSTRUCTIONS

### Swann Security App Control

Manage and monitor your security system from anywhere using the Swann Security app, available for iOS and Android devices. The app allows you to view live feeds, play back recordings, receive alerts, and control system features.



Image: The Swann Security app on a smartphone, showing live camera feeds.

### True Detect+ and Smart Alerts

The system features True Detect+ technology, which accurately senses heat, motion, people, and vehicles. This intelligent detection triggers mobile alerts and recording, minimizing false alarms. You can customize detection zones to focus on specific areas of interest.



Image: Visual representation of True Detect+ identifying people and vehicles.

### Two-Way Talk and Sirens

Engage in two-way communication through the cameras using the Swann Security app. This allows you to speak to visitors or deter intruders. The cameras also feature sensor lights and sirens that can be activated to actively prevent crime.

# Two-Way Talk



Image: Demonstration of the two-way talk feature with a delivery scenario.

## 4K Ultra HD and Color Night Vision

The cameras capture video in rich 4K Ultra HD color, day and night, thanks to best-in-class high-end video image sensors. Sensor spotlights provide Night2Day™ clear color video even in low-light conditions.

## Know What's Happening Sooner with Customizable Zones

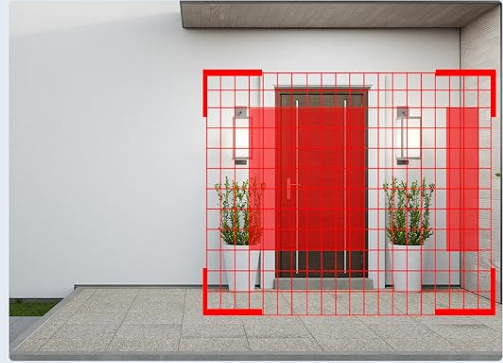
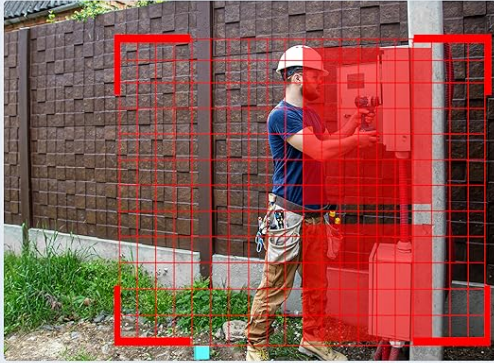


Image: A comparison demonstrating the clarity of Swann's color night vision versus conventional night vision.

## Local Storage and Cloud Backup

The MaxRanger 4K security camera system Hub includes a pre-installed 64GB SD Card for long local recording, ensuring your footage is always stored securely without ongoing fees. Cloud backup options are also available for added peace of mind.



Image: Visual representation of the 64GB local storage and cloud backup features.

## MAINTENANCE

### Solar Charging

The cameras are equipped with built-in solar panels, designed to keep the batteries charged continuously. Ensure the solar panels are exposed to adequate sunlight for optimal performance. In periods of prolonged low light, the cameras can be manually charged via USB-C.

# Forever Charged with Built-in Solar Panel



**IP66**

Image: A MaxRanger 4K camera mounted outdoors, highlighting its built-in solar panel for continuous charging.

## Weather Resistance

The MaxRanger cameras are designed for year-round use and are built to withstand extreme heat and cold conditions, ensuring reliable operation in various outdoor environments.

## Troubleshooting

If you encounter any issues with your Swann MaxRanger 4K system, please consider the following general troubleshooting steps:

- **No Video/Offline Cameras:** Check all cable connections to the NVR Hub. Ensure the NVR Hub is powered on and connected to your network. Verify that cameras are within range and have sufficient battery charge.
- **Poor Video Quality:** Ensure camera lenses are clean and free from obstructions. Check the camera's signal strength in the Swann Security app. Reposition cameras or the NVR Hub if signal is weak.
- **No Alerts:** Confirm that motion detection and alert settings are correctly configured in the Swann Security app. Check your mobile device's notification settings.
- **Battery Drain:** Ensure solar panels are clean and receive direct sunlight for several hours daily. Adjust camera placement if necessary to maximize sun exposure. Reduce the frequency of recordings or live view sessions if battery life is a concern.

For detailed troubleshooting or technical assistance, please refer to the comprehensive user manual available on the Swann support website or contact Swann customer care.

## Specifications

| Feature                      | Specification                                                                                 |
|------------------------------|-----------------------------------------------------------------------------------------------|
| Brand                        | Swann                                                                                         |
| Connectivity Technology      | Wireless (900MHz Wi-Fi)                                                                       |
| Video Capture Resolution     | 4K Ultra HD                                                                                   |
| Special Feature              | App Control, Person/Vehicle Detection, Color Night Vision, Two-Way Talk, Siren, Sensor Lights |
| Number of Channels           | 8                                                                                             |
| Memory Storage Capacity      | 64 GB (SD Card)                                                                               |
| Power Source                 | Solar Powered (Cameras), AC Adapter with Rechargeable Battery Backup (Hub)                    |
| Item Dimensions L x W x H    | 12.25 x 12.25 x 11 inches                                                                     |
| Operating System             | iOS, Android (for app)                                                                        |
| Recommended Uses For Product | Outdoor Security                                                                              |
| Model Number                 | SWNVK-MR4KSD2-US                                                                              |

## WARRANTY AND SUPPORT

The Swann MaxRanger 4K Wireless NVR Security System is supported by a 2-Year Limited Warranty. For any inquiries or assistance, please reach out to Swann's dedicated customer care support team via Amazon Message or email. Swann is committed to providing reliable security solutions and lifetime help and support.

TRUSTED BRAND



35+ Years



5000000+  
Homes Protected



30+ Countries  
Global leader with #1 in market share in CCTV systems\*

Image: Swann's 'Trusted Brand' badge, highlighting over 35 years of experience in security.

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### 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**