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› Swann Home Security Camera System User Manual

Swann SWDVK-855804WL-US

Swann Home Security Camera System User Manual

Model: SWDVK-855804WL-US

Brand: Swann

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Swann Home Security Camera System. This 4K UHD Surveillance System features four 4K UHD bullet cameras that respond to heat and motion, an 8 channel DVR with a 2 TB hard drive, and all necessary connecting cables. This surveillance system is designed to work with both Google Assistant and Amazon Alexa voice controllers for enhanced convenience and security.



Image: The complete Swann Home Security Camera System, including the DVR unit and four bullet-style cameras.

WHAT'S IN THE BOX

Upon unboxing your Swann Security Camera System, please verify that all components listed below are present:

- 8 Channel DVR (2TB Hard Drive Included)
- 4K Cameras (x4)
- Ethernet Cable
- HDMI Cable
- BNC Cables (x4, 60ft/18m each)
- Mouse
- 2TB Hard Drive (pre-installed in DVR)
- Power Adapters & Splitter
- Quick Start Guide
- Theft Deterrent Stickers
- Mounting Screws & Plugs

What's in The Box



Ethernet Cable



HDMI Cable



x4

BNC cables [60ft / 18m]



8 Channel DVR
(2TB Hard Drive Included)



x4

4K Cameras



Quick Start Guide



Mouse



2TB Hard Drive



Power Adapters & Splitter



Theft Deterrent Stickers



Mounting Screws & Plugs

Image: A visual representation of all items included in the product packaging.

SETUP AND INSTALLATION

1. DVR Connection

1. Connect the included mouse to one of the USB ports on the DVR.

2. Connect the HDMI cable from the DVR's HDMI output to your TV or monitor's HDMI input. Alternatively, use a VGA cable for VGA input.
3. Connect the Ethernet cable from the DVR's LAN port to your router for network access and remote viewing capabilities.
4. Connect the power adapter to the DVR and plug it into a power outlet. The DVR will power on automatically.

2. Camera Installation

1. **Mounting Location:** Choose strategic locations for your cameras that provide optimal viewing angles and coverage. Consider areas like entry points, driveways, and backyards. The cameras are designed for indoor/outdoor use and are weatherproof.
2. **Mounting:** Use the provided mounting screws and plugs to securely attach the cameras to a wall or ceiling. Ensure the camera is firmly fixed to prevent movement.
3. **Cable Connection:** Connect the BNC cable from each camera to the corresponding BNC video input port on the back of the DVR.
4. **Powering Cameras:** Use the power adapters and splitter to provide power to each camera. Connect the power cable from each camera to the splitter, then connect the splitter to a power adapter and plug it into an electrical outlet.

Product Details & Functions

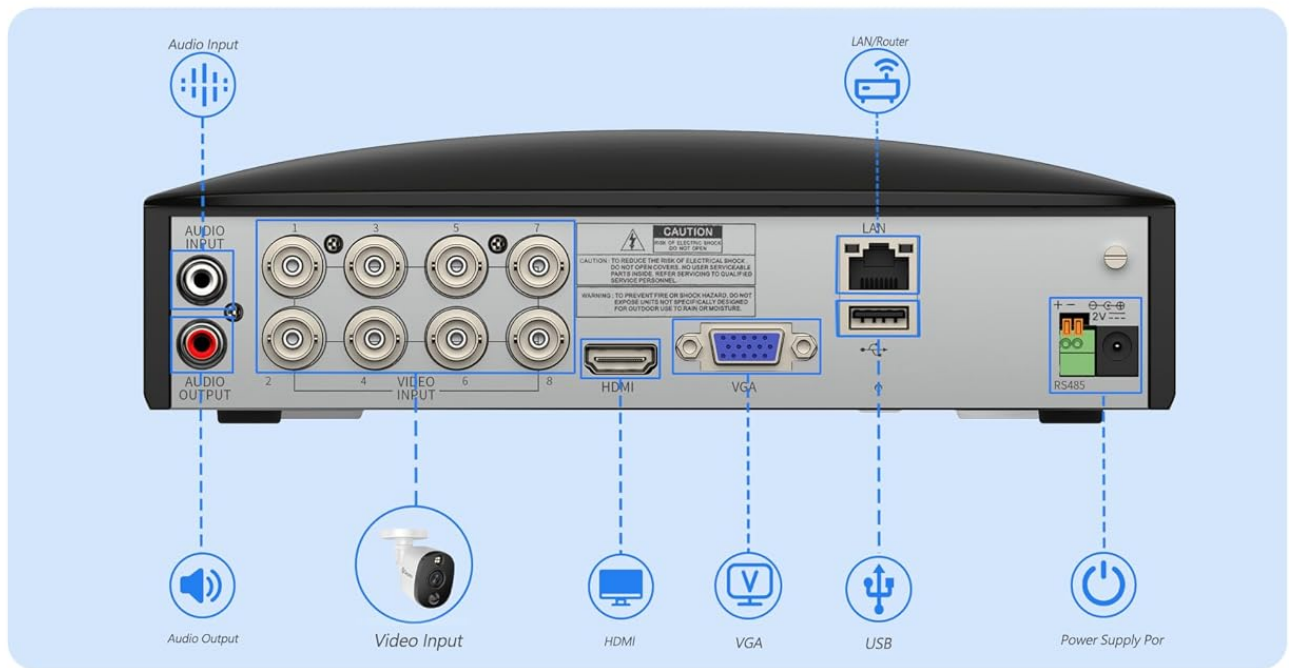


Image: Detailed view of the DVR's rear ports and a camera's components, illustrating connection points.

3. Initial Setup Wizard

Upon first power-up, the DVR will guide you through an initial setup wizard. Follow the on-screen prompts to configure settings such as language, date/time, network settings, and hard drive formatting (if prompted). It is recommended to create a strong password for your system during this process.

Video Quality: 4K Ultra HD

Your Swann system features 4K Ultra HD cameras, providing superior image clarity and detail. This resolution (3840 x 2160 pixels) allows for clear identification of faces, license plates, and other critical details, which is four times clearer than 1080p Full HD.

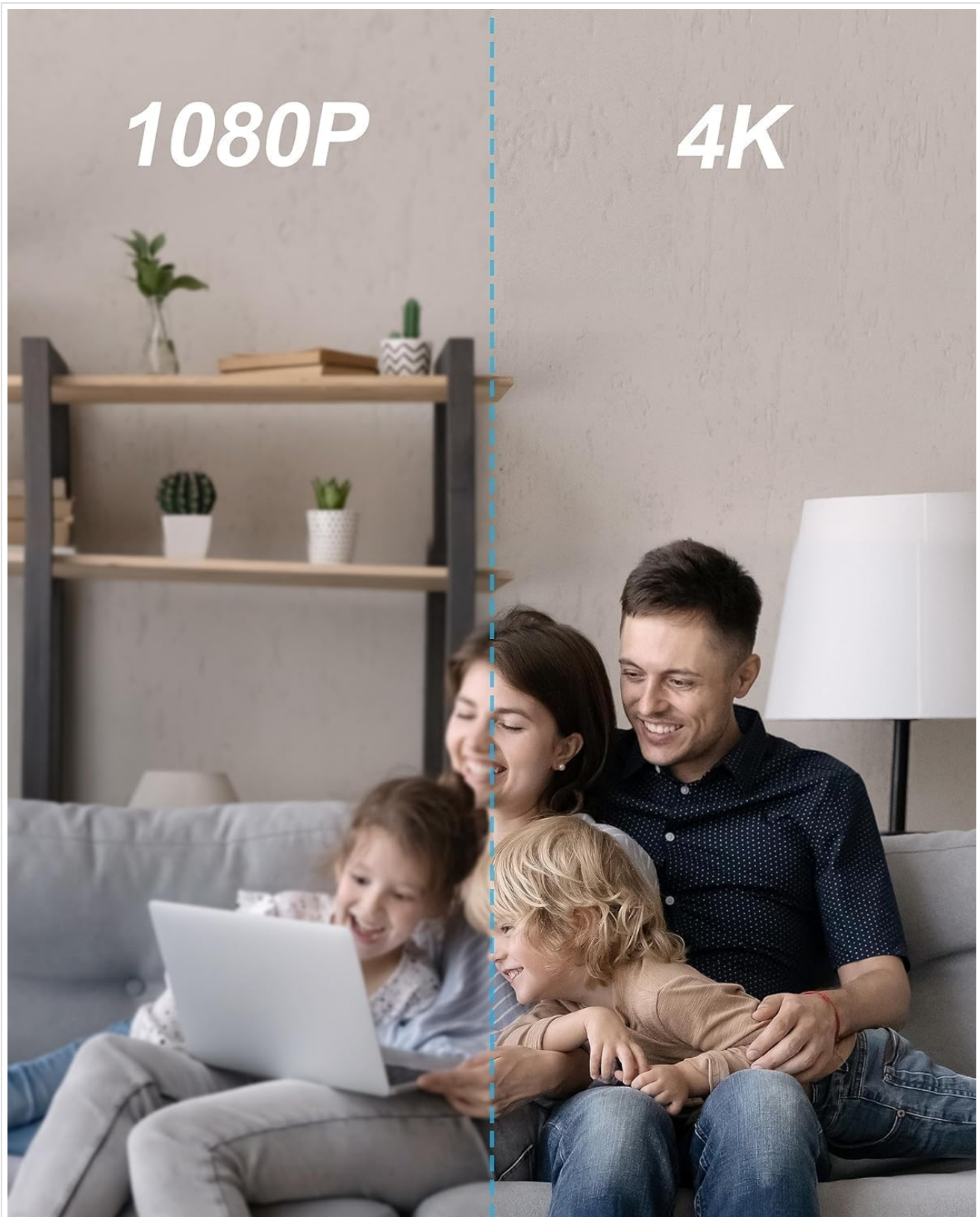


Image: Visual comparison demonstrating the enhanced detail and clarity of 4K Ultra HD resolution compared to 1080p.

Heat & Motion Detection (True Detect™ PIR)

The cameras are equipped with True Detect™ PIR (Passive Infrared) thermal sensors that accurately detect moving warm objects, such as people and cars. This technology significantly reduces false triggers from non-heat-

generating movements like wind-blown branches or rain, ensuring you receive more relevant alerts.



Image: An illustration showing how heat and motion detection zones trigger alerts, highlighting the system's ability to differentiate between relevant and irrelevant movements.

Color Night Vision & Warning Lights

The cameras feature Color Night Vision, allowing you to see events in full color even in low-light conditions, up to 32ft (10m). In total darkness, the cameras provide black and white night vision up to 130ft. The integrated warning lights can illuminate when motion is detected, deterring intruders and enhancing visibility.

Color Night Vision



★ 🌙 Spotlight on: Color



🌙 Spotlight off: B&W

Image: A comparison showing the difference between night vision with the spotlight on (color) and off (black and white).

Remote Viewing with Swann Security App

Monitor your property from anywhere using the Swann Security app on your mobile device. The app allows for multi-camera live streaming, playback of recorded footage, and receiving instant notifications when activity is detected. The app is available for download on both the App Store and Google Play.

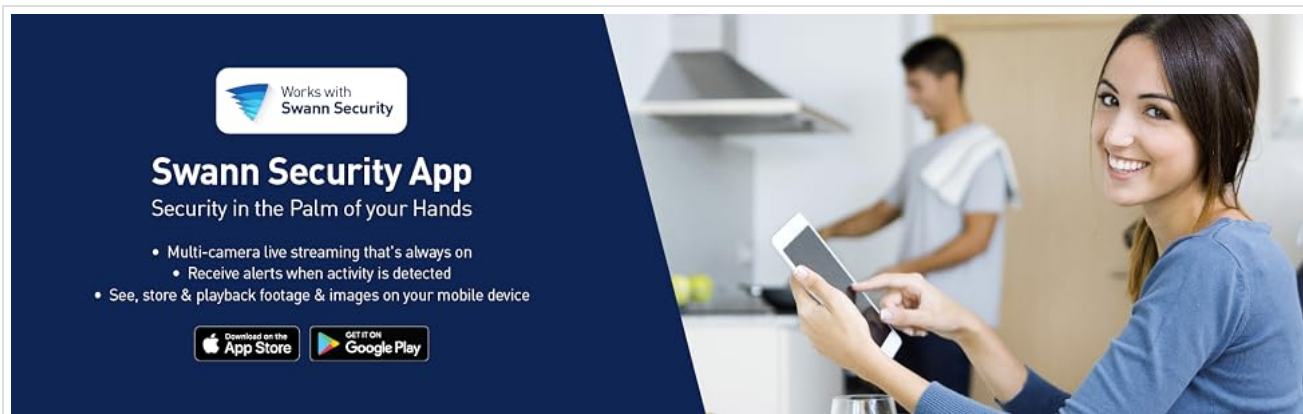


Image: A smartphone displaying the Swann Security App interface, showing live feeds from multiple cameras.

Voice Control Integration

The system is compatible with Amazon Alexa and Google Assistant. You can use voice commands to view live streams from your cameras on compatible smart displays or TVs (e.g., via Chromecast). For example, you can say: "Hey Google, show me the front door camera."

Video Overview



Video: An overview of the Swann SWDVK-855804WL security system, detailing its features and benefits.



Video: A brief common overview of the 5580 series Swann security system, highlighting key functionalities.

DATA STORAGE AND MANAGEMENT

The DVR comes with a pre-installed 2TB hard drive for continuous 24/7 recording. Thermal detection helps conserve storage space by only recording relevant events. You can easily transfer incident video via the USB port onto a memory stick or access it through your network.

For added security, you can link your DVR to your personal Dropbox account to automatically save still images to the cloud. This ensures that even if your DVR is compromised, you will still have image evidence stored off-site.

MAINTENANCE

- **Regular Cleaning:** Periodically clean the camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check the Swann website or the Swann Security app regularly for firmware updates for your DVR and cameras. Keeping your system updated ensures optimal performance and security.
- **Hard Drive Health:** While the 2TB HDD is robust, it's good practice to periodically check its health through the DVR's system settings. Ensure there is sufficient space for recordings.
- **Cable Inspection:** Inspect all cables (BNC, Ethernet, power) for any signs of wear, damage, or loose connections, especially for outdoor installations.
- **Power Supply:** Ensure the DVR and camera power adapters are plugged into stable power sources and are

protected from environmental elements.

TROUBLESHOOTING

No Video Display

- Check all cable connections (HDMI/VGA, BNC) between the DVR, cameras, and monitor.
- Ensure the DVR and cameras are powered on.
- Verify the correct input source is selected on your TV/monitor.

No Recording / Hard Drive Issues

- Check the hard drive status in the DVR's system settings.
- Ensure recording schedules are properly configured.
- If the hard drive is full, configure it to overwrite old footage or back up important data and format it.

False Motion Alerts

- Adjust the motion detection sensitivity in the DVR settings.
- Configure motion detection zones to exclude areas with frequent irrelevant movement (e.g., swaying trees, busy roads).
- Ensure the True Detect™ PIR sensor is not obstructed.

Remote Viewing Issues

- Verify the DVR is connected to the internet and has a stable network connection.
- Ensure your mobile device has an active internet connection (Wi-Fi or cellular data).
- Check that the Swann Security app is updated to the latest version.
- Restart your router, DVR, and mobile device.

SPECIFICATIONS

Feature	Specification
Brand	Swann
Model Number	SWDVK-855804WL-US
Connectivity Technology	Wired
Video Capture Resolution	4K (3840 x 2160 pixels)
Number of Channels	8
Memory Storage Capacity	2 TB HDD

Special Feature	Motion Sensor (True Detect™ PIR), Warning Light
Night Vision Range	Up to 130ft (B&W), Up to 32ft (Color with Warning Light)
Viewing Angle	90 Degrees
Compatible Devices	Alexa, Google Assistant, Chromecast
Power Source	Corded Electric
Product Dimensions	7.7 x 17 x 11.6 inches
Item Weight	11.92 pounds

WARRANTY AND SUPPORT

Your Swann surveillance camera system is backed by a full 2-year warranty for all components, including cameras and accessories. For technical assistance, troubleshooting, or warranty claims, please visit the official Swann support website or contact their customer service team. Details can be found in the Quick Start Guide included with your product.