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Swann SWNVW-800CAM

Swann NVW-800CAM 4K WiFi IP Security Camera Instruction Manual

Your guide to setting up, operating, and maintaining your Swann NVW-800CAM security camera.

PRODUCT OVERVIEW

The Swann NVW-800CAM is a 4K WiFi IP Digital Still Image Video Camera designed for comprehensive security surveillance. It features controllable red & blue flashing lights, spotlights, and a siren to deter intruders. This camera is built for both indoor and outdoor use, offering robust performance year-round.

Key Features:

- **4K Ultra HD Video:** Provides high-resolution video for clear identification of faces and license plates.
- **Controllable Deterrents:** Features red & blue flashing lights and a siren to actively deter unwanted activity.
- **Powered Wi-Fi Video:** The camera connects to power, and its video signal transmits wirelessly to the NVR, simplifying installation.
- **True Detect™ Heat & Motion Sensing:** Advanced PIR heat and motion detection reduces false alarms by sensing heat from people and cars.
- **Night2Day™ Color Night Vision:** Provides color video at night up to 32 feet (10 meters) with built-in spotlights.
- **Infrared Night Vision:** Offers black and white night vision up to 115 feet (35 meters) in total darkness.
- **Two-Way Audio:** Allows for communication through the camera.
- **Weatherproof Design:** Built to withstand various weather conditions for reliable outdoor use.



Image: The Swann NVW-800CAM camera, showcasing its compact design and integrated red and blue flashing lights.



Image: Detailed view of the Swann NVW-800CAM with key components labeled, including the WiFi antenna, controllable flashing lights, sensor spotlight, lens, color video image sensor, microphone, True Detect™ PIR Heat & Motion Sensor, weatherproof casing, and speaker/siren.

Video: An official overview of the Swann SecureAlert Wi-Fi NVR Security System, highlighting its crime-fighting features, easy Wi-Fi installation, free local and cloud recording, Night2Day color night vision, True Detect heat and motion detection, and smart home integration.

SETUP INSTRUCTIONS

Follow these steps to set up your Swann NVW-800CAM camera.

What's in the Box:

- SWNVW-800CAM 4K Wi-Fi SwannForce Camera
- Power Cable 12m
- Power Adapter
- Mounting Screws & Plugs
- Operating Instructions (this manual)
- Theft Deterrent Stickers



Image: The Swann NVW-800CAM camera displayed alongside its included accessories: power cable, power adapter, mounting screws, and theft deterrent stickers.

Physical Installation:

1. **Choose a Location:** Select a suitable indoor or outdoor location for your camera. Ensure it has a clear line of sight to the area you wish to monitor and is within range of your Wi-Fi network.
2. **Mount the Camera:** Use the provided mounting screws and plugs to securely attach the camera to a wall or ceiling.
3. **Connect Power:** Connect the power cable to the camera and then to the power adapter. Plug the power adapter into a suitable power outlet.



Image: The Swann NVW-800CAM camera mounted on an exterior wall, overlooking an outdoor area with a pool, demonstrating its outdoor placement capability.

App Setup and Connectivity:

The camera utilizes SwannNet™ Technology for a reliable Wi-Fi connection. Download the Swann Security app to your smartphone to complete the setup process.

1. **Download the App:** Search for "Swann Security" in your device's app store and install it.
2. **Create an Account:** Open the app and follow the on-screen instructions to create a new account or log in if you already have one.
3. **Add Your Camera:** Follow the in-app prompts to add your NVW-800CAM. This typically involves scanning a QR code on the camera or manually entering its details.
4. **Connect to Wi-Fi:** The app will guide you through connecting your camera to your home Wi-Fi network.



Image: A diagram illustrating how Swann cameras and NVRs connect to a modem via Wi-Fi, highlighting the SwannNet™ Technology for reliable wireless connectivity.

OPERATING INSTRUCTIONS

Maximize the security features of your NVW-800CAM with these operating guidelines.

Using the Swann Security App:

The Swann Security app provides complete control and monitoring capabilities.

- **Live Streaming:** View real-time video from your camera from anywhere.
- **Push Notifications:** Receive instant alerts on your smartphone when motion or heat is detected.
- **Customizable Controls:** Adjust camera settings, activate deterrents, and manage recordings directly from the app.



Image: A smartphone displaying the Swann Security app interface, showing multiple camera feeds and options for live streaming, push notifications, and customizable controls.

Motion and Heat Detection (True Detect™):

The camera uses True Detect™ PIR heat and motion sensing to accurately identify significant activity.

- **Reduced False Alarms:** By detecting heat signatures, the system minimizes alerts from minor movements like swaying branches.
- **Event-Triggered Recording:** Recording is triggered only when genuine activity is detected, saving storage space and review time.



Image: A visual representation of heat detection, showing a person delivering packages highlighted by a red heat signature, indicating how True Detect™ identifies warm objects.

Night Vision Capabilities:

- **Night2Day™ Color Night Vision:** With built-in spotlights, the camera can capture full-color video at night up to 32 feet (10 meters).
- **Infrared Night Vision:** For discreet monitoring in complete darkness, the camera provides clear black and white infrared night vision up to 115 feet (35 meters).

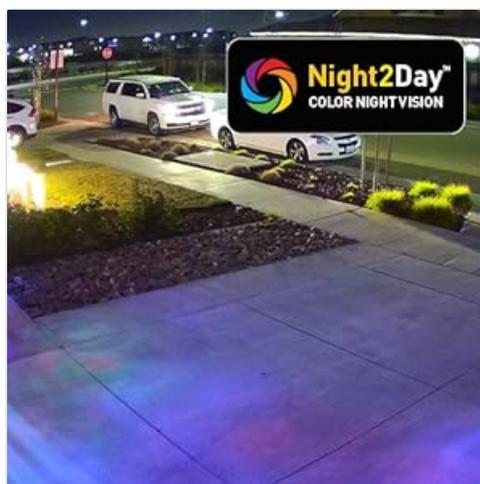


Image: A night scene of a driveway captured with Night2Day™ technology, showing objects and surroundings in color despite low light conditions.

Two-Way Audio:

The integrated microphone and speaker allow you to hear what's happening and speak back through the camera.

- **Communicate with Visitors:** Speak to delivery personnel or guests.
- **Deter Intruders:** Use your voice to warn off suspicious individuals.



Image: A graphic illustrating the 2-way audio feature, showing a person receiving a package and a person in a car communicating through the camera, with text bubbles indicating dialogue.

Smart Home Integration:

Integrate your camera with compatible smart home devices for hands-free viewing.

- **Voice Control:** Use voice commands with Hey Google or Alexa devices to view camera feeds on your smart TV or display.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth to remove dust, dirt, or water spots. Avoid abrasive cleaners.
- **Firmware Updates:** Check the Swann Security app regularly for available firmware updates. Keeping your camera's firmware up-to-date ensures you have the latest features and security enhancements.

- **Cable Inspection:** For outdoor installations, periodically inspect the power cable for any signs of wear or damage.
- **Weather Resistance:** The camera is designed to be weatherproof (IP66 rated), but extreme weather conditions may still require occasional checks to ensure proper functioning.

TROUBLESHOOTING

If you encounter issues with your NVW-800CAM, refer to these common solutions.

No Video Feed:

- **Check Power:** Ensure the camera is properly connected to a power source and the power adapter is plugged in.
- **Wi-Fi Connection:** Verify that your camera is connected to your Wi-Fi network. Check your router and the Swann Security app for connection status.
- **Router Interference:** Move the camera closer to your Wi-Fi router or reduce potential interference from other wireless devices.

False Alarms:

- **Adjust Sensitivity:** In the Swann Security app, adjust the motion detection sensitivity settings.
- **Detection Zones:** Configure specific detection zones to exclude areas with frequent, non-threatening movement (e.g., public sidewalks, swaying trees).
- **Environmental Factors:** Ensure the camera is not pointed directly at sources of heat or light that could trigger false alarms.

Poor Night Vision:

- **Clean Lens:** Ensure the camera lens is clean and free from smudges or dirt.
- **Obstructions:** Check for any obstructions (e.g., spiderwebs, leaves) blocking the camera's view or infrared illuminators.
- **Lighting:** For Night2Day™ color vision, ensure the built-in spotlights are enabled and functioning.

Audio Issues:

- **App Settings:** Verify that audio recording and two-way audio features are enabled in the Swann Security app.
- **Microphone/Speaker Obstruction:** Ensure the microphone and speaker ports on the camera are not blocked.

SPECIFICATIONS

Model Number	SWNVW-800CAM
Video Capture Resolution	4K (8MP)
Connectivity Technology	Wireless (Wi-Fi)
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	Corded Electric (9 watts)

Night Vision Range	115 Feet (35 meters)
Low Light Technology	Night Color
Alert Type	Motion Only (True Detect™)
Water Resistance Level	Waterproof (IP66)
Item Dimensions (L x W x H)	2.56 x 2.56 x 7.8 inches
Item Weight	1.59 Pounds
Compatible Devices	Smartphone
Control Method	App
Smart Home Compatibility	Smart Home Compatible (Hey Google, Alexa)

WARRANTY INFORMATION

Swann products are covered by a manufacturer's warranty. For specific details regarding the warranty period and terms for your NVW-800CAM, please refer to the warranty card included with your product or visit the official Swann website.

Typically, Swann offers a limited warranty that covers defects in materials and workmanship under normal use. Keep your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or to access additional resources, please use the following options:

- **Swann Support Website:** Visit www.swann.com/us/support for FAQs, troubleshooting guides, software downloads, and contact information.
- **Swann Security App:** The app often includes a help section with useful tips and direct access to support.
- **Online Community:** Engage with other Swann users and find solutions in online forums.

When contacting support, please have your product model number (SWNVW-800CAM) and proof of purchase readily available.