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› Swann NVW-500CAM 1080p WiFi Bullet Security Camera User Manual

Swann NVW-500CAM

Swann NVW-500CAM 1080p WiFi Bullet Security Camera

USER MANUAL

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Swann NVW-500CAM 1080p WiFi Bullet Security Camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

The Swann NVW-500CAM is designed to provide reliable surveillance with its 1080p Full HD resolution, wireless connectivity, and advanced detection features. It is an add-on camera compatible with Swann 500-series Wi-Fi NVR systems.

Key Features

- **Wireless Video Signal:** Easy installation with wireless video transmission to your NVR.
- **1080p Full HD:** Captures clear images and video for detailed monitoring.
- **24/7 Protection with Night Vision:** Powerful night vision up to 115ft (35m) and color night vision capabilities.
- **True Detect Heat & Motion Sensing:** Records and sends push notifications upon detecting heat from warm objects like people and cars.
- **2-Way Talk:** Built-in microphone and speaker for listening, talking back, and audio recording.

Package Contents

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

- Swann NVW-500CAM 1080p WiFi Bullet Security Camera
- Power Adapter
- Mounting Screws and Plugs
- Security Stickers
- Operating Instructions



Image: The Swann NVW-500CAM camera, power adapter, mounting hardware, and security stickers included in the package.

Camera Components Overview



Image: Labeled diagram of the camera showing the WiFi Antenna, Sensor Spotlight, Lens, Color Video Image Sensor, Microphone, True Detect PIR Heat & Motion Sensor, Speaker/Siren, and Weatherproof Casing.

Setup

1. Physical Installation

The camera is designed for outdoor use and can be wall-mounted. Choose a location that provides the desired viewing angle and is within range of your Wi-Fi network and a power outlet.

1. Position the camera in the desired location.
2. Mark the screw holes on the mounting surface using the camera base as a template.
3. Drill pilot holes and insert wall plugs if mounting into masonry.
4. Secure the camera base to the surface using the provided screws.
5. Adjust the camera angle for optimal coverage.



Image: The Swann NVW-500CAM camera securely mounted on the exterior wall of a building, positioned to monitor an outdoor area.

2. Power Connection

Connect the camera to the power adapter and plug the adapter into a suitable power outlet. The camera requires a constant power supply for operation.

3. Network Connection (Wi-Fi)

The NVW-500CAM connects wirelessly to your Swann 500-series Wi-Fi NVR. Refer to your NVR's manual for specific instructions on adding new cameras to the system. Generally, this involves:

1. Ensure your NVR is powered on and connected to your network.
2. Access the NVR's camera pairing menu.
3. Follow the on-screen prompts to search for and add the new camera. The camera will automatically attempt to connect to the NVR's Wi-Fi network.



Image: A diagram illustrating multiple wireless cameras connecting to a central NVR unit via a router, demonstrating the wireless setup.

4. Swann Security App Setup

For remote viewing and control, download the Swann Security App on your smartphone or tablet.

1. Download the "Swann Security" app from the App Store (iOS) or Google Play Store (Android).
2. Create an account or log in if you already have one.
3. Add your NVR system to the app. The camera will then be accessible through the NVR.
4. Configure camera settings, such as motion detection zones and notification preferences, within the app.

One App, Complete Security

- ✓ Live Streaming
- ✓ Push Notifications
- ✓ Customizable Controls



Image: A hand holding a smartphone displaying the Swann Security App, showing multiple camera feeds and options for live streaming, push notifications, and customizable controls.

Operating the Camera

Live Viewing

Access live video feeds from your camera through your NVR monitor or the Swann Security App. This allows real-time monitoring of your property.

Two-Way Talk

Utilize the built-in microphone and speaker to communicate with individuals near the camera. This feature is accessible via the Swann Security App.

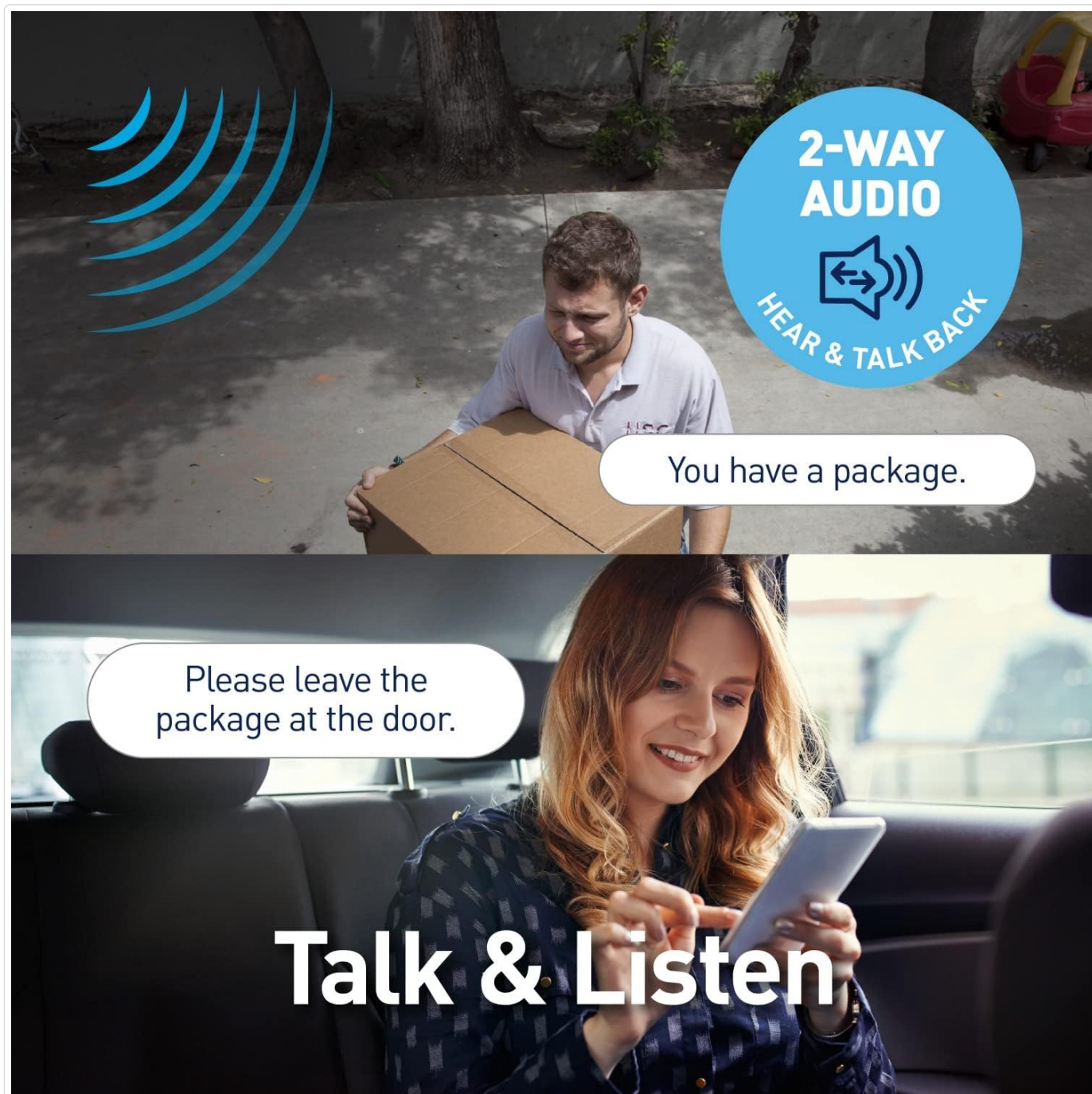


Image: A split image demonstrating the two-way audio feature. The top shows a person delivering a package with a speech bubble "You have a package." The bottom shows a person in a car with a speech bubble "Please leave the package at the door," illustrating remote communication.

Motion Detection and Alerts

The camera uses Swann's True Detect heat and motion sensing technology to identify significant activity. When motion is detected, the camera will record footage and send push notifications to your connected device via the Swann Security App.

Smarter Alerts & Better Analytics



Image: A smartphone displaying a motion alert notification, with an image showing a person and a car highlighted by detection boxes, indicating "Smarter Alerts & Better Analytics."

Night Vision

The camera provides powerful night vision up to 115ft (35m). With Night2Day Color Night Vision, the camera can capture color video in low-light conditions, enhancing detail and identification.

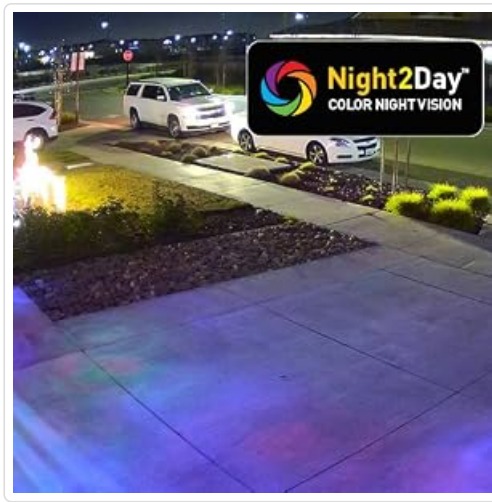


Image: A nighttime scene captured by the camera, demonstrating the Night2Day Color Night Vision feature with visible colors in the environment.

Recording

Recordings are stored on your connected NVR. The camera is designed for continuous monitoring, but with True Detect, it primarily records activity triggered by heat and motion, optimizing storage space.

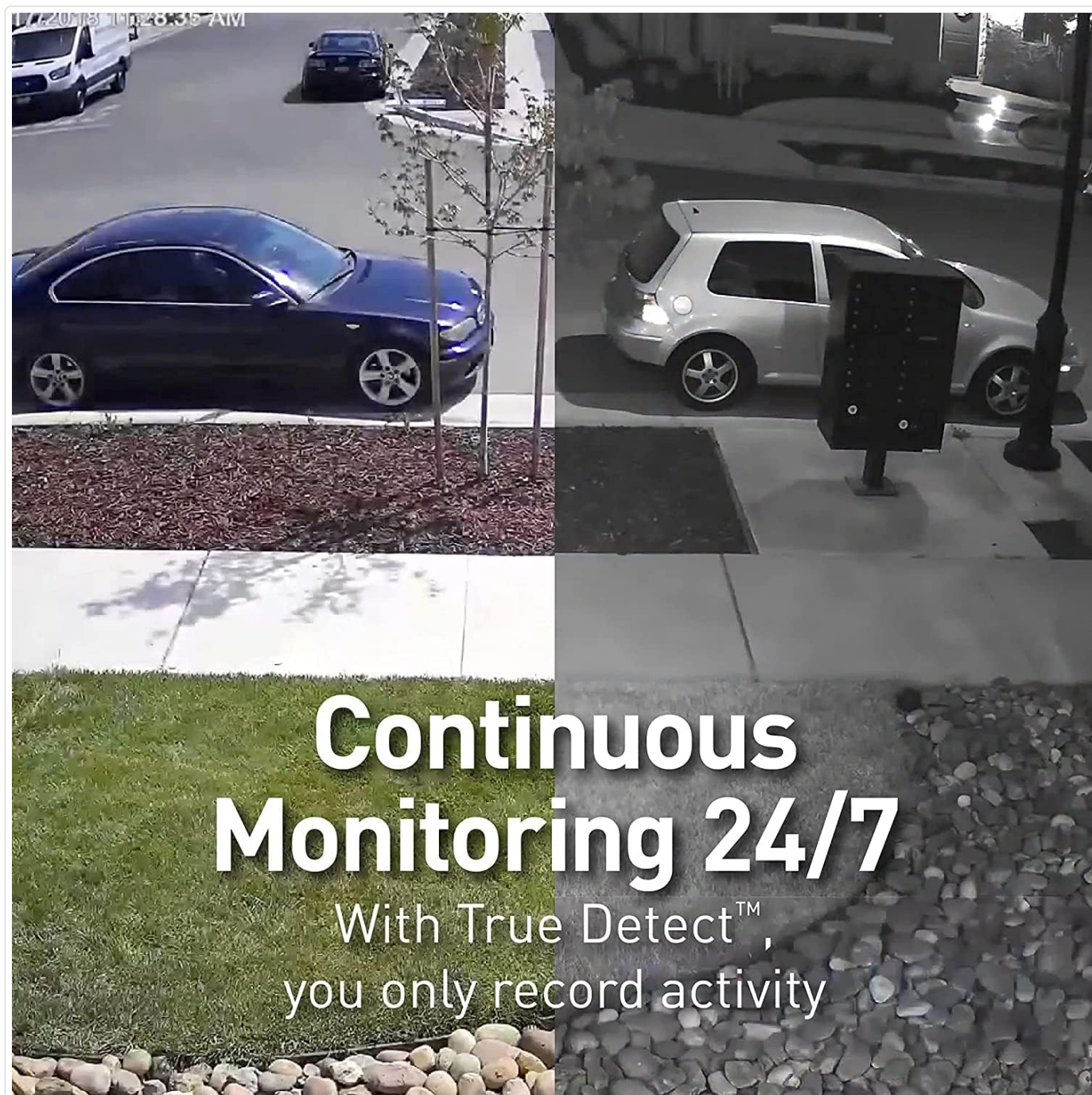


Image: A four-panel display showing different views from a security system, labeled "Continuous Monitoring 24/7" with the note "With True Detect™, you only record activity," illustrating efficient recording.

Maintenance

Cleaning

Periodically clean the camera lens and housing to ensure clear image quality. Use a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the camera's finish or lens.

Firmware Updates

Ensure your NVR and connected cameras have the latest firmware. Firmware updates often include performance improvements, new features, and security enhancements. Check the Swann Security App or Swann's official website for update notifications and instructions.

Weatherproofing

The camera has an IP54 international protection rating, indicating protection against dust ingress and splashing water. While designed for outdoor use, ensure all connections are secure and protected from direct heavy rainfall or extreme weather conditions to prolong the product's lifespan.

Troubleshooting

- **No Video Feed:**
 - Check if the camera is powered on and the power adapter is securely connected.
 - Verify the camera is within Wi-Fi range of your NVR.
 - Ensure the camera is properly paired with your NVR system. Refer to the NVR manual for pairing instructions.
- **Poor Image Quality:**
 - Clean the camera lens with a soft cloth.
 - Check for obstructions in the camera's field of view.
 - Ensure adequate lighting for optimal performance, especially for color night vision.
- **No Motion Alerts:**
 - Confirm that motion detection is enabled in the Swann Security App or NVR settings.
 - Adjust motion detection sensitivity and detection zones.
 - Ensure your smartphone has push notifications enabled for the Swann Security App.
- **Two-Way Talk Not Working:**
 - Check microphone and speaker settings in the Swann Security App.
 - Ensure there are no physical obstructions blocking the microphone or speaker on the camera.
 - Verify your internet connection is stable.

Specifications

Feature	Detail
Model Number	SWNVW-500CAM-US
Video Resolution	1080p Full HD
Connectivity	Wi-Fi (Wireless)
Night Vision Range	Up to 115ft (35m)
Motion Detection	True Detect Heat & Motion Sensing
Audio	2-Way Talk (Microphone & Speaker)
Indoor/Outdoor Usage	Outdoor
Weatherproof Rating	IP54
Power Source	AC/DC Adapter
Dimensions (L x W x H)	2.6 x 2.6 x 7.8 inches
Weight	1.28 pounds

Compatible Devices	Swann 500-series Wi-Fi NVR, Smartphone (Swann Security App)
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Warranty Information

The Swann NVW-500CAM comes with a **1 Year Warranty**. For detailed terms and conditions, please refer to the warranty card included with your product or visit the official Swann website.

Support

For further assistance, technical support, or to download the latest software and manuals, please visit the official Swann support website:

www.swann.com/us/support

You can also find frequently asked questions and community forums on the Swann website.