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› Swann 6K Add-on NVR Dome Security Camera (Model SWNHD-1200DE-US) Instruction Manual

Swann SWNHD-1200DE-US

Swann 6K Add-on NVR Dome Security Camera (Model SWNHD-1200DE-US) Instruction Manual

Comprehensive guide for setup, operation, and maintenance of your Swann security camera.

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Swann 6K Add-on NVR Dome Security Camera, Model SWNHD-1200DE-US. This camera is designed to integrate with existing Swann NVR systems, offering advanced surveillance capabilities for both indoor and outdoor environments.



Image 1: Swann 6K Add-on NVR Dome Security Camera, showcasing its dome design and integrated spotlights.

2. WHAT'S INCLUDED

The following items are included with your Swann 6K Add-on NVR Dome Security Camera:

- NHD-1200DE 6K IP Dome Camera
- Ethernet Cable (60ft/18m)
- Mounting Screws & Plugs
- Operating Instructions (this manual)
- Theft Deterrent Stickers



Image 2: Package contents for the Swann 6K Add-on NVR Dome Security Camera.

3. SETUP

The Swann 6K Add-on NVR Dome Security Camera utilizes Power over Ethernet (PoE) for simplified installation. This means a single Ethernet cable provides both power and video transmission to your NVR system.

3.1 Physical Installation

1. **Choose a Location:** Select an indoor or outdoor location that provides optimal viewing coverage and is within reach of your NVR via the provided Ethernet cable. Consider areas prone to activity or requiring enhanced security.
2. **Mount the Camera:** Use the included mounting screws and plugs to securely attach the camera to a wall or ceiling. Ensure the camera is positioned to capture the desired area.
3. **Connect to NVR:** Connect one end of the Ethernet cable to the camera's PoE port and the other end to an available PoE port on your Swann NVR.

3.2 System Integration

Once physically connected, your NVR should automatically detect the new camera. Refer to your NVR's specific instruction manual for details on adding new cameras, configuring network settings, and assigning channels.

4. OPERATING INSTRUCTIONS

4.1 High-Resolution Video (12MP Mega HD)

This camera captures video at 12 Megapixels (6K), providing significantly higher clarity and detail compared to standard 4K or

1080p systems. This enhanced resolution allows for clearer identification of faces, license plates, and other critical details.



Image 3: Visual clarity provided by the 12MP Mega HD sensor.

4.2 Color Night Vision (Night2Day) and Infrared Night Vision

The camera features Swann's Night2Day technology, enabling color night vision up to 32ft (10m) in low-light conditions with the integrated sensor light. For complete darkness, traditional black and white infrared night vision extends up to 130ft (40m).

True Detect™ /PIR Heat-Sensing Detection



App Push



Email Alert



Image 4: Day and Night vision capabilities, illustrating color night vision with active spotlights.

4.3 True Detect™ Heat & Motion Sensing

Equipped with True Detect technology, the camera combines heat and motion detection to minimize false alarms. This ensures you receive alerts only for significant activity, such as people or vehicles, rather than environmental changes.



Image 5: True Detect™ in action, showing a person and vehicle detected with app notifications.

4.4 Two-Way Audio

The integrated microphone and speaker enable two-way audio communication. You can listen to sounds around the camera and speak through the camera using the Swann Security app, allowing interaction with visitors or deterring intruders.

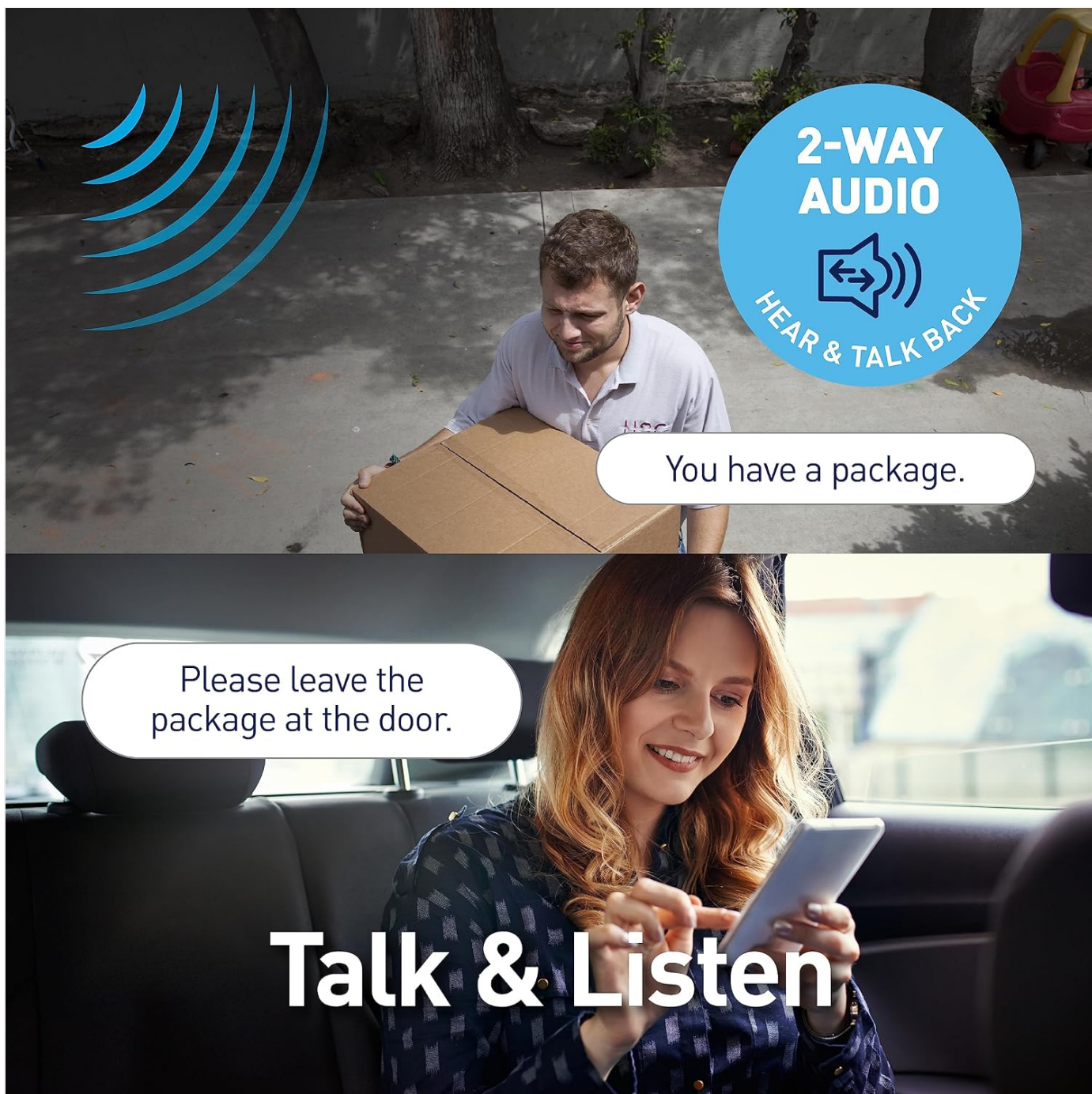


Image 6: Demonstrating the two-way audio feature for communication.

4.5 SwannForce Technology (Flashing Lights & Siren)

The camera incorporates SwannForce technology, featuring red and blue flashing lights, sensor spotlights, and a siren. These can be activated automatically upon detection or manually via the app to actively deter potential intruders.

4.6 Smart Video Analytics

Advanced video analytics provide intelligent detection capabilities, including:

- **Face Recognition:** Identifies and alerts based on recognized faces.
- **Person & Vehicle Detection:** Distinguishes between human and vehicle movement.
- **Line Crossing Detection:** Triggers alerts when an object crosses a predefined virtual line.
- **Line Crossing Counter:** Counts objects crossing a virtual line.
- **Object Left/Removed:** Detects if an object has been left behind or removed from a specific area.
- **Perimeter Intrusion Detection:** Alerts when an object enters or exits a defined perimeter.

- **Heat Mapping:** Provides data on areas of high activity.

12MP Mega HD



Image 7: Example of high-resolution capture for detailed analytics.

4.7 Swann Security App Control

Manage your camera and NVR system remotely using the free Swann Security app, available for Android and iOS devices. The app allows you to:

- View live camera feeds.
- Access recorded footage.
- Receive push notifications for detected activity.
- Control camera features like spotlights and sirens.
- Configure detection settings.



Image 8: Swann Security App interface on a smartphone.

4.8 Voice Control Integration

The camera is compatible with Hey Google and Amazon Alexa. You can use voice commands to view live feeds on compatible smart displays.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your security camera.

- **Lens Cleaning:** Periodically clean the camera lens with a soft, damp cloth to remove dust, dirt, or water spots that may obscure the view. Avoid abrasive cleaners.
- **Firmware Updates:** Check the Swann Security app or Swann's official website for available firmware updates to ensure your camera has the latest features and security enhancements.
- **Cable Inspection:** Regularly inspect the Ethernet cable for any signs of wear, damage, or loose connections, especially in outdoor installations.
- **Weather Protection:** While IP66 weatherproof, ensure the camera's mounting is secure and protected from direct, prolonged exposure to extreme weather conditions where possible.

IP66 Weatherproof



-22°F to 122°F / -30°C to 50°C



Image 9: The camera's IP66 weatherproof design ensures durability in various conditions.

6. TROUBLESHOOTING

If you encounter issues with your Swann 6K Add-on NVR Dome Security Camera, refer to the following common troubleshooting steps:

- **No Video/Offline:**

- Check the Ethernet cable connection at both the camera and the NVR.
- Ensure the NVR is powered on and functioning correctly.
- Verify the camera's PoE port on the NVR is active.
- Restart the NVR and the camera (by disconnecting and reconnecting the Ethernet cable).

- **Poor Image Quality:**

- Clean the camera lens.
- Ensure there are no obstructions in the camera's field of view.
- Check the camera's resolution settings on your NVR or app.
- Verify network stability and bandwidth, as poor network performance can affect video quality.

- **False Motion Alerts:**

- Adjust the sensitivity settings for True Detect in the Swann Security app or NVR settings.
- Ensure the camera is not pointed at moving objects like trees or busy roads if not intended.
- Utilize the smart video analytics features to define specific detection zones.

- **Two-Way Audio Issues:**

- 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 mobile device's microphone and speaker are functioning.

For further assistance, consult the full NVR system manual or contact Swann customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	Swann
Model Number	SWNHD-1200DE-US
Connectivity Technology	Wired (PoE)
Video Capture Resolution	12MP (6K)
Special Features	Motion Sensor, Night Vision, 2-Way Audio, Flashing Lights, Spotlights, Siren
Recommended Uses	Indoor, Outdoor Surveillance
Operating System Compatibility	Android, iOS (via Swann Security App)
Low Light Technology	Night Color (Night2Day)
Night Vision Range (Color)	Up to 32 Feet (10m)
Night Vision Range (B&W IR)	Up to 130 Feet (40m)
Recording Mode	Motion Detection, Continuous (via NVR)
Hardware Interface	Ethernet (RJ45)
Viewing Angle	90 Degrees
Weatherproof Rating	IP66

Feature	Specification
Item Weight	2.46 pounds
Product Dimensions (L x W x H)	4.05 x 7.87 x 8.27 inches

8. WARRANTY AND SUPPORT

Your Swann 6K Add-on NVR Dome Security Camera comes with a **1 Year Warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, product registration, and additional resources, please visit the official Swann support website or refer to the contact information provided in your NVR system's documentation.

Online Resources: www.swann.com

9. IMPORTANT SAFETY INFORMATION

- Ensure all electrical connections are made safely and according to local regulations.
- Do not attempt to open or modify the camera housing, as this will void the warranty and may cause damage.
- Keep the camera and cables out of reach of children and pets.
- Avoid pointing the camera directly at strong light sources (e.g., sun, car headlights) for extended periods, as this may affect image quality and sensor longevity.

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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.

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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

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