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› Swann Home Security Add-On Bullet NVR Camera (SWNHD-1200BE-US) Instruction Manual

Swann SWNHD-1200BE-US

Swann Home Security Add-On Bullet NVR Camera Instruction Manual

Model: SWNHD-1200BE-US | Brand: Swann

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Swann Home Security Add-On Bullet NVR Camera, model SWNHD-1200BE-US. This 12MP Mega HD PoE wired camera is designed for both indoor and outdoor surveillance, offering advanced features such as color night vision, heat and motion detection, and two-way audio.



Figure 1: Swann 12MP Add-On Bullet NVR Camera (SWNHD-1200BE-US)

2. SETUP

2.1 Initial System Requirements

- A high-definition TV capable of displaying at least 1080p, or up to 4K video.
- A broadband internet connection.
- An Android or iOS mobile device to download the Swann Security app.

It is recommended to set up and verify the system's functionality before performing a complete permanent installation to ensure no damage occurred during shipping.

2.2 Hardware Quickstart Guide

The following video provides a quick guide to connecting the hardware components of your Swann NVR system.

Video 1: Swann 12MP System - Hardware Quickstart Guide. This video demonstrates the physical connections required for your NVR system, including cameras, display, mouse, and power.

2.2.1 Connecting Cameras to NVR

Connect one end of an Ethernet cable to the camera, then connect the other end to an available camera port on the NVR. Repeat this step for all cameras.

2.2.2 Connecting NVR to Network

Connect the supplied Ethernet cable to the WAN port on your NVR. Then connect the other end to a spare port on your router or Wi-Fi access point. Ensure this connection is established before proceeding.

2.2.3 Connecting NVR to Display

Plug one end of an HDMI cable into the HDMI port on the back of the NVR and the other end into an HDMI port on your display (TV or monitor).

2.2.4 Connecting Mouse

Connect the mouse by plugging it into a USB port on the rear of the NVR.

2.2.5 Powering On

Connect the power adapter to the NVR, then connect the power cable to the power adapter. Finally, connect the power adapter to an electrical outlet. The system should power on, and you should see the setup wizard on your display.

2.3 App Setup

Download the Swann Security app from the Google Play Store (for Android) or the Apple App Store (for iOS). Follow the in-app instructions to connect your NVR system and access live view.

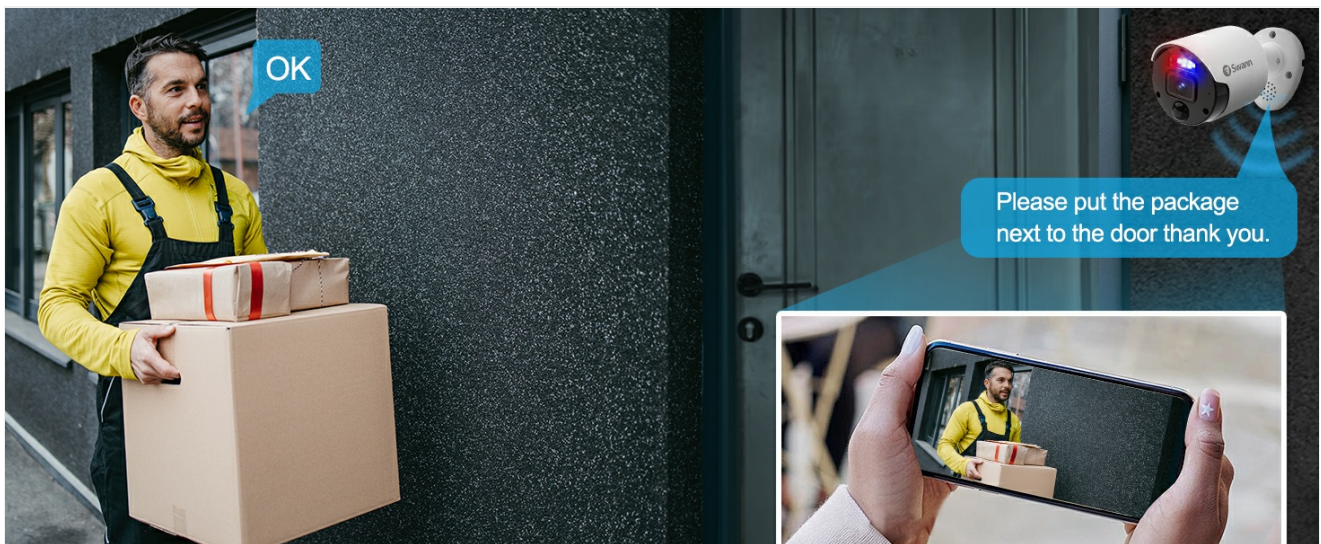


Figure 2: Simplified 3-Step Connection Process

3. OPERATING YOUR CAMERA SYSTEM

Your Swann NVR camera system offers a range of features designed for comprehensive surveillance and crime prevention.

Video 2: Swann 12MP Red & Blue Flashing Lights System - Overview. This video highlights the key operational features of the system, including image quality, night vision, and active deterrence.

3.1 12MP Mega HD Video

The camera provides 12-megapixel digital image sensing, offering a new level of clarity. This high resolution allows for sharper, clearer images, making it easier to discern important details such as faces or license plates, even when compared to 4K UHD.



Figure 3: 12MP Mega HD Video Clarity

3.2 Color Night Vision (Night2Day)

The Night2Day feature enables the camera to capture color video at night up to 32 feet (10 meters) and black and white video up to 130 feet (40 meters) in total darkness, ensuring continuous monitoring.

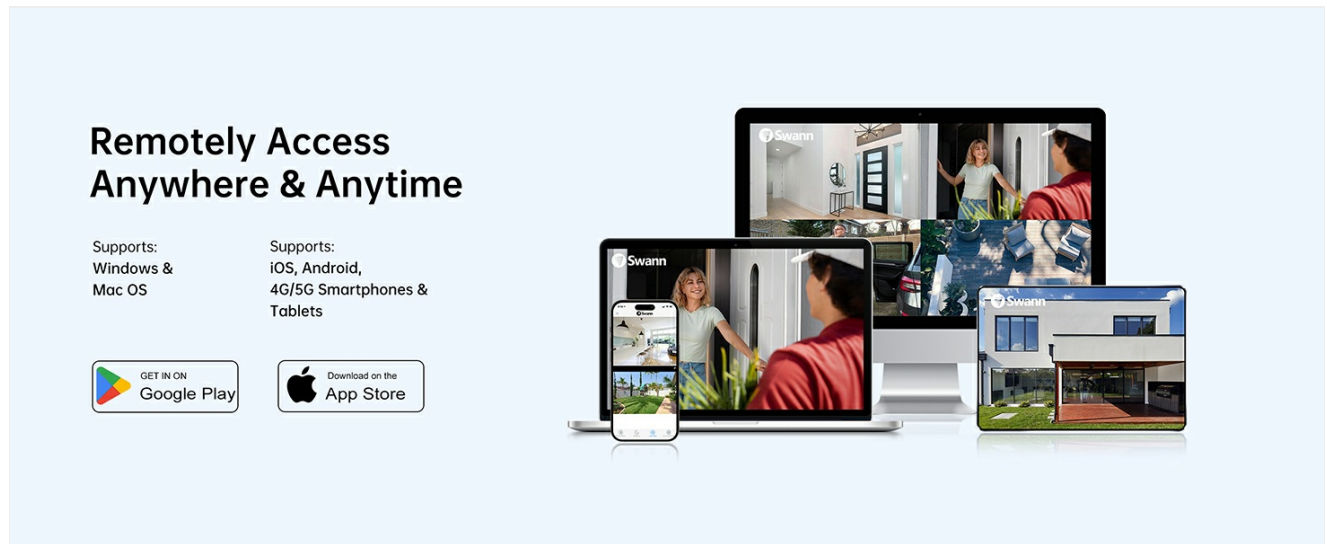


Figure 4: Color Night Vision vs. Standard Night Vision

3.3 Two-Way Audio

The camera includes two-way audio functionality, allowing you to listen to sounds around the camera and speak through it. This feature can be used to communicate with visitors or deter unwanted individuals.

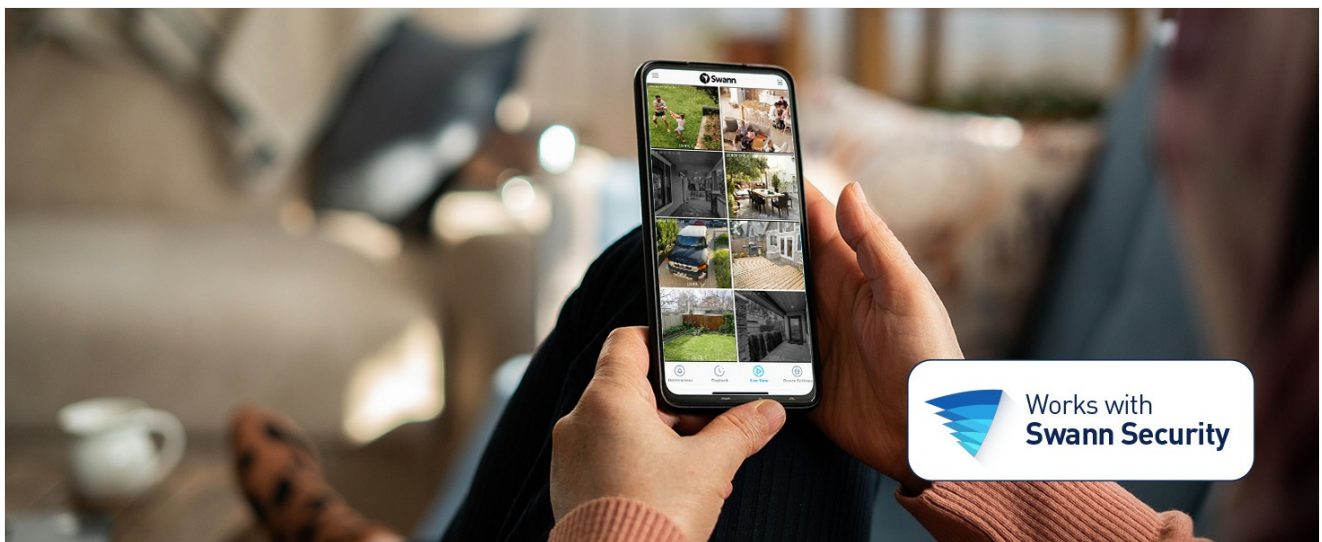


Figure 5: Two-Way Audio in Use

3.4 True Detect Heat & Motion Detection

True Detect technology combines heat and motion detection to minimize false alarms. The system alerts you to activity from people and large vehicles, reducing notifications from irrelevant movements like swaying branches.

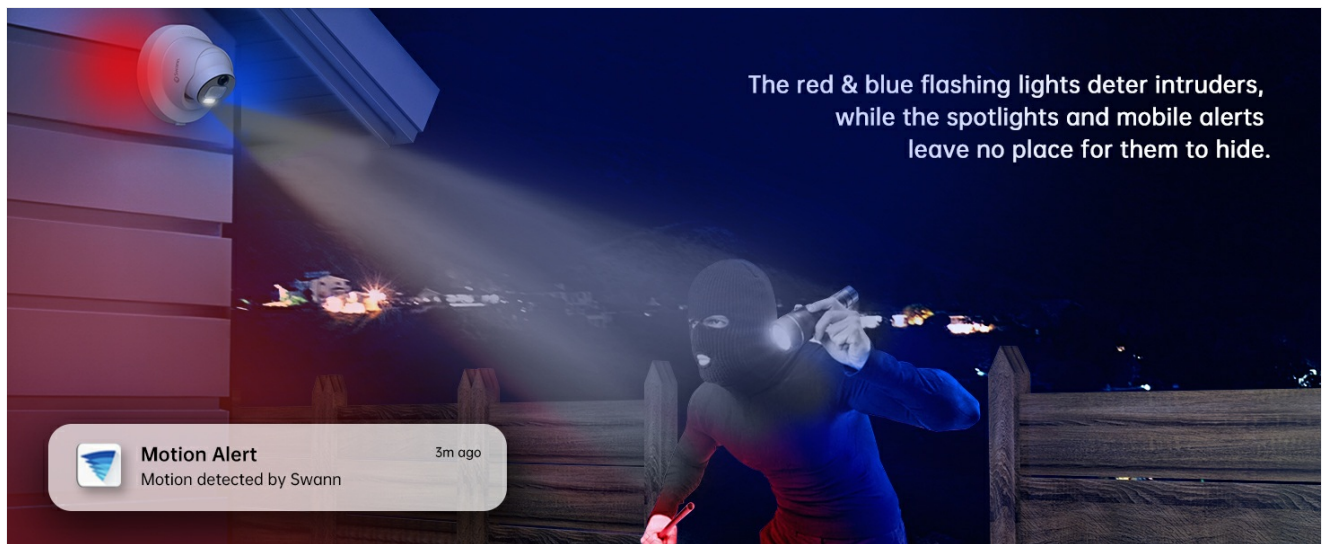


Figure 6: True Detect Motion Alert

3.5 SwannForce Technology (LED Lights & Siren)

The SwannForce technology integrates red and blue flashing lights, sensor spotlights, and sirens to actively deter potential intruders. These features can be activated automatically upon detection or manually via the app.

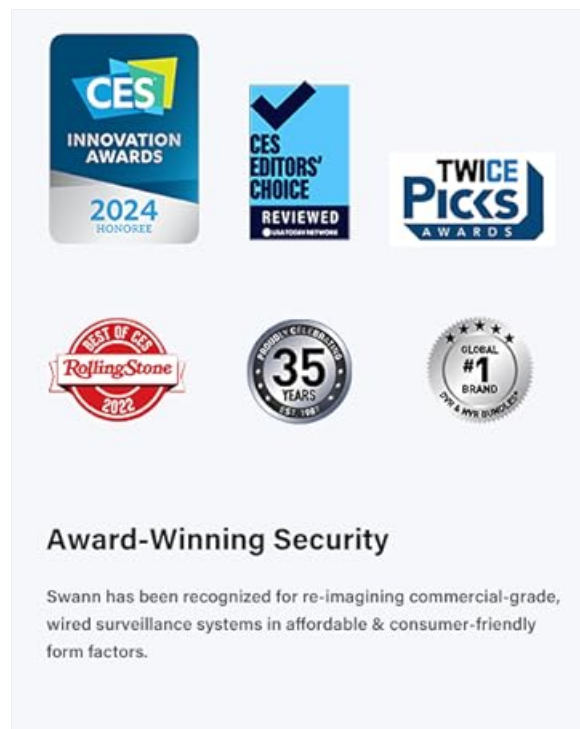


Figure 7: SwannForce Red and Blue Flashing Lights

3.6 Smart Video Analytics

The system includes advanced smart video analytics to enhance security monitoring:

- **Face Recognition:** Identifies and alerts you to known or unknown faces.
- **Person & Vehicle Detection:** Distinguishes between human and vehicle movement.
- **Line Crossing Detection:** Triggers an alert when an object crosses a predefined 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 virtual perimeter.
- **Heat Mapping:** Provides visual data on activity hotspots within the camera's view.



Figure 8: Face Recognition in Action

3.7 Remote Access & Voice Control

Access live or recorded video on your mobile device using the free Swann Security app. The system also supports voice control via Hey Google and Alexa, allowing you to view camera feeds on compatible smart displays.

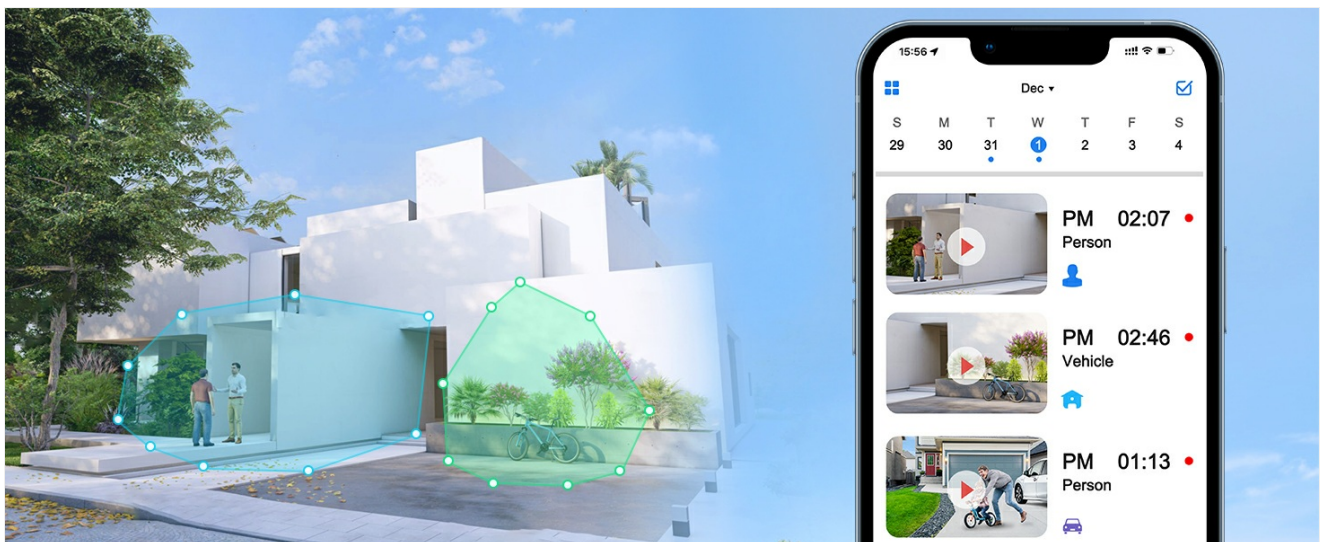


Figure 9: Remote Access Across Multiple Devices

3.8 Recording & Storage

The NVR system provides continuous 24/7 recording onto a massive security-grade hard drive. Incident videos can be easily transferred to your personal Dropbox account in the cloud for secure off-site storage.



Figure 10: 24/7 Recording Capability

4. MAINTENANCE

4.1 Cleaning

Regularly clean the camera lens and housing with a soft, damp cloth to ensure optimal image clarity. Avoid using harsh chemicals or abrasive materials that could damage the camera's finish or lens.

4.2 Firmware Updates

Periodically check for firmware updates through the Swann Security app or the official Swann website. Keeping your device's firmware updated ensures you have the latest features, security patches, and performance improvements.

5. TROUBLESHOOTING

5.1 No Video Display

- Ensure all cables (Ethernet, HDMI, power) are securely connected.
- Verify that the display is set to the correct HDMI input.
- Check if the NVR is powered on (indicator lights should be active).

5.2 False Motion Alerts

- Adjust the sensitivity settings for motion detection in the Swann Security app.
- Configure detection zones to exclude areas with frequent irrelevant movement (e.g., trees, busy roads).
- Ensure the camera lens is clean and free from obstructions.

5.3 Remote Access Issues

- Confirm that your NVR has a stable internet connection.
- Check your mobile device's internet connection.
- Ensure the Swann Security app is updated to the latest version.
- Restart both your NVR and your router.

6. SPECIFICATIONS

Feature	Specification
Model Number	SWNHD-1200BE-US

Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	12MP
Connectivity Technology	Wired (PoE)
Connectivity Protocol	Ethernet
Special Features	Motion Sensor, Night Vision (Color Night Vision)
International Protection Rating	IP66
Two-Way Audio	Yes
SwannForce Technology	LED Lights, Siren
Dimensions (L x W x H)	4.05 x 7.87 x 8.27 inches
Item Weight	2.09 pounds
Power Source	Corded Electric
Wattage	8.4 watts
Operating Temperature	Up to 55 Degrees Celsius
Included Components	Ethernet Cable 60ft/18m, Mounting Screws & Plugs, NHD-1200BE 6K IP Bullet Camera, Operating Instructions, Theft Deterrent Stickers

7. WARRANTY & SUPPORT

7.1 Warranty Information

This Swann product comes with a 1-Year Limited Warranty. Please refer to the official Swann website or your purchase documentation for full warranty terms and conditions.

7.2 Customer Support

For technical assistance, product inquiries, or warranty claims, please visit the official Swann support website or contact their customer service. You can find contact details and FAQs on the [Swann Store on Amazon](#) or the main Swann website.