

[Manuals.plus](#) /

› [Swann](#) /

› Swann Wired PIR Bullet Security Camera, 4K Ultra HD Surveillance Cam with Color Night Vision, Indoor/Outdoor, Thermal, Heat & Motion Sensing, Audio Monitoring, Add to NVR with PoE, SWNHD-885MSB 1 Count (Pack of 1) Instruction Manual

Swann SWNHD-885MSB-US

Swann Wired PIR Bullet Security Camera Instruction Manual

Model: SWNHD-885MSB-US

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Swann Wired PIR Bullet Security Camera (Model: SWNHD-885MSB-US). This 4K Ultra HD camera is designed to enhance your security system with advanced thermal sensing technology, high-resolution video, and smart analytics.



Figure 1.1: Swann Wired PIR Bullet Security Camera (SWNHD-885MSB-US)

2. WHAT'S IN THE BOX

Please ensure all the following components are included in your package:

- NHD-885MSB Camera
- Cat5e Ethernet Cable (60ft / 18m)
- Power Adapter
- Mounting Screws & Plugs
- Operating Instructions (this manual)
- Theft Deterrent Stickers



Figure 2.1: Package Contents including camera, cable, and mounting hardware.

3. SETUP AND INSTALLATION

3.1 Power over Ethernet (PoE) Connection

This camera utilizes Power over Ethernet (PoE) for simplified installation, requiring only a single Ethernet cable for both power and video transmission. Connect the provided Cat5e Ethernet cable from the camera directly to a compatible Swann NVR (Network Video Recorder) unit. The NVR unit is sold separately.

3.2 Mounting the Camera

The camera is designed for both indoor and outdoor use, featuring an IP66 weatherproof rating and a durable aluminum construction. It can be wall-mounted or installed under eaves using the provided screws and plugs.





Figure 3.1: Examples of camera mounting on a wall and under eaves.

Video 3.1: Official product video demonstrating features including installation and operation. (Source: Swann Communications USA)

4. OPERATING FEATURES

4.1 4K Ultra HD Video Quality

The camera captures video in stunning 4K Ultra HD resolution, providing exceptional detail. This high resolution allows for clear identification of faces, license plates, and other critical details, which can be crucial for evidence.

4.2 True Detect™ PIR Thermal Sensing

Swann's True Detect PIR Thermal Sensing technology accurately detects motion by identifying heat signatures from large objects like people and cars. This advanced sensing minimizes false triggers often caused by wind, rain, or small animals, ensuring you receive relevant alerts.

4.3 Audio Monitoring

A built-in microphone allows for audio recording, adding an extra layer of valuable evidence to your surveillance system. This feature can help identify voices or other sounds associated with detected events.

4.4 Night Vision

The camera offers powerful night vision capabilities:

- **Color Night Vision:** Provides color video in low-light conditions.
- **Infrared Night Vision:** Allows you to see in total darkness up to 150ft (45m) and up to 200ft in ambient light.

4.5 Mobile Access and Notifications

When connected to a compatible NVR, you can live stream and receive push notifications directly on your mobile device via the latest Swann Security app. This allows you to monitor your property remotely and respond quickly to detected activity.

4.6 Smart Software Analytics (Exclusive to 4K)

The 4K camera includes advanced software analytics to enhance security and monitoring:

- **Face Detection:** Identifies and records faces.
- **Line Crossing Detection:** Triggers alerts when an object crosses a predefined virtual line.
- **Perimeter Intrusion Detection:** Detects entry into a specified area.
- **Static Object Detection:** Alerts if an object is removed or left in a designated area.
- **Pedestrian Detection:** Specifically identifies human movement.
- **Crossing Counter:** Counts objects or people crossing a specific line.

5. MAINTENANCE

To ensure optimal performance and longevity of your security camera, regular maintenance is recommended:

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners.
- **Cable Inspection:** Check the Ethernet cable for any signs of wear, damage, or loose connections, especially in outdoor installations.
- **Firmware Updates:** Regularly check the Swann website or your NVR's settings for available firmware updates to ensure your camera has the latest features and security enhancements.

6. TROUBLESHOOTING

If you encounter issues with your Swann security camera, consider the following common troubleshooting steps:

- **No Video/Offline:** Ensure the Ethernet cable is securely connected at both the camera and NVR ends. Verify the NVR is powered on and functioning correctly.
- **Poor Image Quality:** Check the camera lens for dirt or obstructions. Ensure the camera is properly focused (if adjustable) and that there is adequate lighting for optimal performance.
- **False Motion Alerts:** Adjust the sensitivity settings for True Detect PIR thermal sensing in your NVR's configuration. Ensure the camera is not pointed at areas with constant movement (e.g., busy roads, swaying trees) if not desired.
- **Night Vision Issues:** Ensure the area is within the camera's night vision range. Check for any reflective surfaces close to the camera that might interfere with infrared illumination.

For more detailed troubleshooting or technical support, please refer to the official Swann support resources online or contact their customer service.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	SWNHD-885MSB-US
Video Capture Resolution	4K (3840 x 2160)
Connectivity Technology	Wired (Ethernet/PoE)
Indoor/Outdoor Usage	Indoor/Outdoor (IP66 Weatherproof)
Night Vision Range	Up to 150 ft (45m) in total darkness, 200 ft in ambient light
Viewing Angle	93 Degrees
Special Features	Night Vision, Motion Sensor (PIR Thermal Sensing), Audio Monitoring
Material	Aluminum
Operating Temperature	-22°F ~ 131°F (-30°C ~ 55°C)
Dimensions (L x W x H)	2.76 x 2.76 x 5.94 inches
Item Weight	12.8 ounces

8. WARRANTY AND SUPPORT

Your Swann Wired PIR Bullet Security Camera (SWNHD-885MSB-US) is backed by a **12-month warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For product support, technical assistance, or to register your product, please visit the official Swann website or contact their customer service department. You can find contact information and FAQs on their support pages.

Online Resources:

- Swann Support Website: www.swann.com/us/support
- Product Registration: www.swann.com/us/product-registration

ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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