

Swann SWPRO-1080MSB

Swann SWPRO-1080MSB-US 1080p Bullet Security Camera Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Swann SWPRO-1080MSB-US 1080p Bullet Security Camera. This camera is designed for both indoor and outdoor surveillance, featuring 1080p Full HD video, PIR thermal sensing for accurate motion detection, and powerful infrared night vision. It connects to a compatible Digital Video Recorder (DVR) via a BNC cable for continuous monitoring and recording.

2. PACKAGE CONTENTS

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

- PRO-1080MSB Camera
- BNC Cable (60ft / 18m)
- Power Adapter
- Mounting Screws & Plugs
- Operating Instructions (this manual)
- Theft Deterrent Stickers



Image 2.1: Swann SWPRO-1080MSB-US 1080p Bullet Security Camera with included BNC cable and mounting accessories.

3. SETUP AND INSTALLATION

3.1 Planning Your Installation

Before mounting, plan the camera's location. Consider the following:

- **Viewing Angle:** Ensure the camera covers the desired area (90-degree field of view).
- **Power Access:** The camera requires a power outlet for the included adapter.
- **Cable Routing:** Plan how to route the 60ft BNC cable to your DVR, minimizing exposure to potential damage.
- **Environmental Factors:** The camera is weatherproof (IP66 rated) for outdoor use, but avoid direct exposure to extreme weather conditions if possible.

3.2 Mounting the Camera

Use the provided mounting screws and plugs to secure the camera to a wall or ceiling. The camera's adjustable bracket allows for flexible positioning.



Image 3.1: Camera mounted under an eave.



Image 3.2: Camera mounted on an exterior wall.



Image 3.3: Camera mounted on an exterior corner.

3.3 Wiring Connections

1. Connect one end of the BNC cable to the camera's BNC port.
2. Connect the other end of the BNC cable to an available video input channel on your compatible Swann DVR.
3. Connect the camera's power input to the provided power adapter, then plug the adapter into a power outlet.

Ensure all connections are secure to prevent signal loss or power interruptions.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Initial View

Once the camera is properly wired and powered, and your DVR is operational, the camera feed should appear on the connected monitor. Refer to your DVR's manual for specific instructions on viewing live feeds.

4.2 Motion Detection (True Detect PIR)

The camera utilizes Swann's True Detect PIR thermal sensing technology to detect heat-generating moving objects such as people and cars. When motion is detected, the camera, in conjunction with your DVR, can trigger recording and send push notifications to your mobile device via the Swann Security app. Adjust sensitivity settings on your DVR to optimize detection and minimize false alerts.

4.3 Infrared Night Vision

The camera automatically activates its infrared night vision in low-light conditions, providing clear black and white video footage up to 100ft (30m) in total darkness and 130ft (40m) with ambient light. Ensure the camera lens is unobstructed for optimal night vision performance.

4.4 Audio Monitoring

The built-in microphone allows for audio monitoring. Audio can be accessed through your connected DVR and the Swann Security app. Check your DVR settings to ensure audio recording and playback are enabled for the camera's channel.

4.5 Remote Access and Voice Control

For remote viewing and notifications, download and configure the Swann Security app on your mobile device. The camera also supports voice control via Amazon Alexa and Google Assistant when connected to a compatible DVR, allowing you to view camera feeds on devices like Echo Show or Chromecast.

5. MAINTENANCE

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

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners that could scratch the lens.
- **Cable Inspection:** Inspect all cables and connections for signs of wear, corrosion, or damage, especially for outdoor installations. Replace damaged cables promptly.
- **Firmware Updates:** Check the Swann Security app or the official Swann website for any available firmware updates for your camera or DVR. Keeping software updated can improve performance and security.

6. TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common troubleshooting steps:

Problem	Possible Solution
No video signal	Check if the camera's power adapter is securely plugged in and receiving power. Ensure the BNC cable is firmly connected to both the camera and the DVR. Verify that the correct video input channel is selected on your DVR.

Problem	Possible Solution
Poor image quality	Clean the camera lens with a soft cloth. Ensure there is adequate lighting in the area, or that night vision is activating correctly. Check the video resolution settings on your DVR.
False motion alerts	Adjust the PIR sensitivity settings on your DVR to reduce triggers from non-human/vehicle sources. Ensure the camera is not pointed at moving foliage or reflective surfaces that could cause false triggers.
Night vision not working	Verify the camera is receiving sufficient power. Ensure there are no obstructions directly in front of the infrared LEDs. Check DVR settings related to night vision or IR cut filter.
No audio	Confirm that the camera's microphone is enabled in your DVR settings. Check audio output settings on your DVR and connected monitor/speakers.

For further assistance, please visit the official Swann Support website or contact customer service.

7. SPECIFICATIONS

Feature	Detail
Model Number	SWPRO-1080MSB-US
Video Capture Resolution	1080p (Full HD)
Effective Still Resolution	2.1 MP
Indoor/Outdoor Usage	Indoor, Outdoor
Night Vision Range	Up to 100 feet (30m) in total darkness, 130 feet (40m) with ambient light
Viewing Angle	90 Degrees
Motion Sensor	True Detect PIR Thermal Sensing
Connectivity Technology	Wired (BNC)
Power Source	Corded Electric (12 Volts, 6 Watts)
Material	Polycarbonate (PC)
International Protection Rating	IP66 (Weatherproof)
Dimensions (L x W x H)	4.4 x 4.4 x 3.2 inches
Item Weight	14.1 ounces
Compatible Devices	DVR (e.g., DVR-4580, DVR-4980, DVR-5580)
Control Method	Voice (Amazon Alexa, Google Assistant via DVR)

8. WARRANTY AND SUPPORT

Swann provides lifetime help and support for its products. For technical assistance, warranty information, or to access additional resources, please visit the official Swann Support website. Ensure you have your product model number (SWPRO-1080MSB-US) available when contacting support.

Online Support: www.swann.com/us/support

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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

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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