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› Swann PRO-1080MSB Security Camera System User Manual

Swann SRPRO-1080MSBWB4

Swann PRO-1080MSB Security Camera System User Manual

Model: SRPRO-1080MSBWB4

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Swann PRO-1080MSB Thermal Sensor Outdoor Wide Angle Security Cameras. These 1080p Full HD CCTV cameras are designed to provide robust surveillance with IR Night Vision and PIR Motion Detection capabilities.

The PRO-1080MSB cameras are engineered for 24/7 protection in various weather conditions, offering a 90-degree viewing angle and night vision up to 100ft in total darkness and 130ft with ambient light. They are compatible with Swann DVR series such as DVR-4580, DVR-4980, and DVR-5580.

PACKAGE CONTENTS

Your Swann SRPRO-1080MSBWB4 package includes:

- 4 x Swann PRO-1080MSB Security Cameras
- Mounting Screws and Plugs
- Power Adapters (for each camera)
- Operating Instructions (this manual)
- Theft Deterrent Stickers



This image displays the four Swann PRO-1080MSB security cameras included in the package. Each camera features a durable white casing and a black front panel housing the lens and motion sensor, designed for outdoor use.

SETUP GUIDE

1. Planning Your Installation

Before mounting, plan the optimal locations for your cameras. Consider the following:

- **Viewing Angle:** The cameras offer a 90-degree viewing angle. Position them to cover critical areas without blind spots.
- **Power Access:** Ensure there is a power outlet nearby or plan for cable routing to a power source.
- **Wi-Fi Signal:** For optimal performance, ensure a strong Wi-Fi signal at each camera's location.
- **DVR Compatibility:** Connect cameras to a compatible Swann DVR (e.g., DVR-4580, DVR-4980, DVR-5580 series).

2. Mounting the Cameras

The PRO-1080MSB cameras are designed for wall mounting and outdoor use (IP66 rated).

1. Choose a sturdy surface for mounting.
2. Use the provided mounting template (if applicable, or mark holes using the camera base) to drill pilot holes.
3. Insert the wall plugs into the drilled holes.
4. Secure the camera base to the wall using the provided screws.
5. Adjust the camera's angle to achieve the desired viewing area.

3. Connecting to Your DVR and Network

1. Connect each camera to its respective power adapter and plug into a power outlet.
2. Connect the cameras to your compatible Swann DVR system. Refer to your DVR's manual for specific camera input connections.
3. Ensure your DVR is connected to your home network via Wi-Fi or Ethernet for remote viewing capabilities.
4. Download the Swann Security app on your smartphone (compatible devices include smartphones).
5. Follow the in-app instructions to add your DVR system and cameras for remote monitoring and control.

OPERATING YOUR CAMERAS

Live View and Recording

Once connected to your DVR and the Swann Security app, you can view live footage from your cameras. The DVR will manage recording based on its settings (continuous, motion-triggered, scheduled).

Motion Detection (PIR)

The PRO-1080MSB cameras feature Passive Infrared (PIR) motion detection, which detects heat signatures to reduce false alarms from moving objects like trees or rain. When motion is detected, the system can:

- Begin recording on the DVR.
- Send push notifications to your smartphone via the app.
- Trigger other alerts configured on your DVR.

Adjust motion detection sensitivity and areas through your DVR settings or the Swann Security app.

Night Vision (IR)

The cameras automatically switch to infrared (IR) night vision in low-light conditions, providing clear black and white footage up to 100ft in total darkness and 130ft with ambient light.

MAINTENANCE

Cleaning the Cameras

Periodically clean the camera lenses and casings to ensure optimal image quality and proper functioning of the motion sensor. Use a soft, damp cloth. Avoid abrasive cleaners or solvents.

Firmware Updates

Regularly check for firmware updates for your DVR and cameras through the Swann Security app or Swann's official website. Updates can improve performance, add features, and enhance security.

Environmental Considerations

The cameras are rated IP66 for weather resistance, meaning they are protected against dust and powerful water jets.

While designed for outdoor use, avoid directing high-pressure water directly at the camera.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video from camera	No power; loose connection; incompatible DVR; camera fault.	Check power adapter and connections. Ensure DVR compatibility. Try connecting to a different port or DVR if available.
Poor image quality	Dirty lens; low light; network interference; camera out of focus (unlikely for fixed lens).	Clean the camera lens. Ensure adequate lighting or check night vision functionality. Reduce Wi-Fi interference.
Motion detection not working or too many false alarms	Incorrect sensitivity settings; PIR blocked; environmental factors.	Adjust PIR sensitivity in DVR/app settings. Ensure no obstructions in front of the PIR sensor. Avoid placing cameras where foliage or direct sunlight can cause frequent changes.
Cannot connect to app remotely	DVR not connected to internet; incorrect network settings; app issues.	Verify DVR internet connection. Check network settings on DVR and router. Restart DVR and router. Reinstall Swann Security app.

SPECIFICATIONS

Feature	Detail
Model Number	SRPRO-1080MSBWB4 (PRO-1080MSB)
Video Capture Resolution	1080p Full HD
Viewing Angle	90 degrees
Night Vision Range	Up to 100ft (30m) in total darkness, 130ft (40m) with ambient light
Motion Detection	PIR (Passive Infrared) Thermal Sensor
Indoor/Outdoor Usage	Outdoor
International Protection Rating	IP66 (Weatherproof)
Connectivity Protocol	Wi-Fi
Compatible Devices	Smartphone (via Swann Security App), Swann DVRs (e.g., DVR-4580, DVR-4980, DVR-5580 series)
Power Consumption	8 watts
Manufacturer	Swann Security
Item Weight (per camera)	Approx. 1.5 lbs (total package 6.09 pounds / 4 cameras)

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and additional resources, please visit the official Swann Security website or contact their customer service. Keep your proof of purchase for warranty claims.

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