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> SV3C 5MP POE IP Security Camera Instruction Manual

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Model: 5MP POE IP Camera

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SV3C 5MP POE IP Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. The SV3C 5MP POE IP Camera offers high-resolution video, two-way audio, humanoid detection, and IP66 weather resistance, making it suitable for various outdoor surveillance applications. It supports Power Over Ethernet (POE) for simplified installation and local storage via an SD card.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- SV3C 5MP POE IP Camera
- Mounting Screws and Wall Plugs
- Waterproof Lid for Ethernet Cable
- Quick Start Guide
- Power Adapter (for initial setup, if not using POE)

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your SV3C 5MP POE IP Camera.



Image: Detailed diagram of the SV3C 5MP POE IP Camera, highlighting its components including the black cover, IP66 metal housing, microphone, 3.6mm HD lens, 36 LEDs, daylight sensor, SD card slot, speaker, LAN cable port, and power port.

- **Black Cover:** Protects internal components.
- **IP66 Metal Housing:** Provides robust protection against dust and water.
- **Microphone:** Captures audio for two-way communication and recording.
- **3.6mm HD Lens:** High-definition lens for clear image capture.
- **36 LEDs:** Infrared LEDs for night vision capabilities.
- **Daylight Sensor:** Automatically detects ambient light to switch between day and night modes.
- **SD Card Slot:** For local storage of video recordings (supports up to 128GB).
- **Speaker:** Enables two-way audio communication.
- **LAN Cable Port:** Ethernet port for Power Over Ethernet (POE) and network connection.
- **Power Port:** For connecting the optional power adapter during initial setup or if POE is not used.

4. SETUP AND INSTALLATION

4.1 Power Over Ethernet (POE) Connection

The SV3C 5MP POE IP Camera is designed for Power Over Ethernet (POE) connectivity, which simplifies installation by providing both power and data through a single Ethernet cable. A POE injector or POE-enabled router/NVR is required (not included).

1. Connect one end of an Ethernet cable to the camera's LAN cable port.
2. Connect the other end of the Ethernet cable to a POE injector or a POE-enabled port on your router/NVR.
3. Ensure the POE injector/router/NVR is powered on. The camera will power up automatically.



Image: An illustration demonstrating the Power Over Ethernet (POE) setup. A single Ethernet cable runs from a POE injector (connected to a router) to the POE camera, providing both power and network connectivity.

4.2 Initial Setup (Non-POE or Configuration)

If you are not using POE or need to configure the camera initially, you can use the provided power adapter.

1. Connect the power adapter to the camera's power port.
2. Plug the power adapter into a standard electrical outlet.
3. Connect an Ethernet cable from the camera's LAN port to your router or network switch.

4.3 Micro SD Card Installation

The camera supports a Micro SD card up to 128GB for local video storage.

1. Locate the SD card slot on the camera body (refer to Product Overview diagram).
2. Carefully insert the Micro SD card into the slot until it clicks into place.
3. To remove, gently push the card until it springs out.

5. OPERATION

5.1 Mobile App Access (CamHi/CamHipro)

The camera can be accessed and controlled via the CamHi or CamHipro mobile application.

1. Download the "CamHi" or "CamHipro" app from your device's app store.
2. Register an account or log in.
3. Add the camera by scanning the QR code on the camera or manually entering its ID.
4. Follow the in-app instructions to complete the setup.

Note: If the camera is added to an NVR, remote viewing via CamHi/CamHipro app may not be available.

5.2 Browser View (HiP2P PC Client / IE/Edge)

Access the camera directly through a web browser or the HiP2P PC Client.

1. Ensure your computer is on the same network as the camera.
2. Use the HiP2P PC Client software or open a web browser (IE/Edge/Firefox/Chrome).
3. Enter the camera's IP address in the browser's address bar.
4. Log in using the default credentials (refer to Quick Start Guide for details).
5. The camera supports HTML5, allowing direct viewing without Flash or ActiveX plugins on modern browsers.

5.3 Two-Way Audio

The camera features a built-in microphone and speaker for two-way audio communication.

2-Way Audio



Image: A visual representation of the two-way audio function. A person at the door speaks to someone viewing the camera feed on a smartphone, with speech bubbles indicating communication in both directions.

- To use, enable the microphone and speaker functions within the mobile app or browser interface.
- This allows you to listen to the camera's environment and speak through the camera's speaker.

5.4 Humanoid Detection and Alarms

The camera can detect human movement and trigger alarms, reducing false alerts from other motion sources.



Image: An illustration depicting smart motion alerts. A person is shown within the camera's view, highlighted by red detection boxes. A smartphone screen displays notifications, indicating alerts can be sent via email, saved to SD card, sent to an app, or uploaded via FTP.

- Configure humanoid detection settings in the app or web interface.
- Alarm actions include:
 - Text notifications via CamHi/CamHipro app.
 - Sound alarm from the camera.
 - Email with 3 snapshots.
 - Video recording to SD card.

5.5 Night Vision

The camera provides clear night vision through its infrared LEDs and daylight sensor, automatically switching between day and night modes.

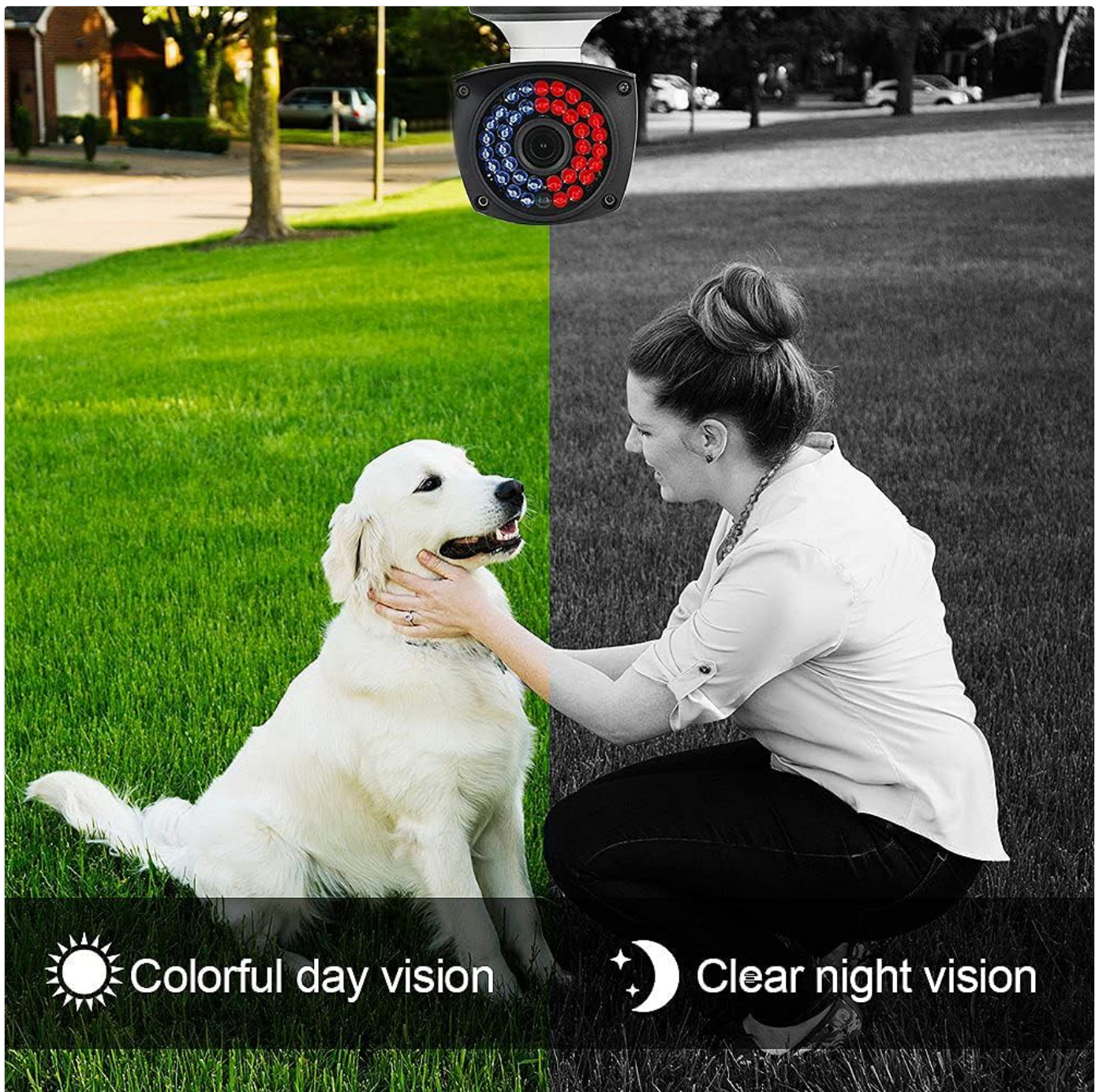


Image: A split image demonstrating the camera's capabilities. The left side shows a colorful day vision scene with a person and a dog. The right side shows a clear night vision scene in monochrome, indicating effective low-light performance.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the SV3C official website for the latest firmware updates to ensure optimal performance and security.
- **SD Card Management:** Periodically review and format the SD card to prevent storage issues and ensure continuous recording.
- **Cable Inspection:** Inspect all cables for wear or damage, especially in outdoor installations, to maintain reliable connectivity and power.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on.	No power from POE or power adapter.	Check POE injector/NVR power. Ensure power adapter is correctly connected and outlet is functional.
Cannot connect to camera via app/browser.	Incorrect network settings, camera not connected to network, firewall issues.	Verify Ethernet cable connection. Ensure camera and device are on the same network. Check router settings and firewall. Try resetting the camera.
No image when added to NVR.	Video coding incompatibility, resolution too high.	Change video coding to H.264. If issue persists, change sub-stream resolution to 640x480.
Two-way audio not working on NVR.	NVR does not support two-way audio, microphone/speaker disabled.	Verify NVR supports two-way audio. Ensure microphone and speaker settings are enabled on both the camera and NVR.
False alarms from motion detection.	Standard motion detection triggered by non-human movement.	Enable and configure Humanoid Detection in the camera settings to filter out irrelevant motion. Adjust sensitivity.

8. SPECIFICATIONS

Feature	Detail
Model	5MP POE IP Camera
Resolution	5 Megapixels (2560 x 1920)
Connectivity	Power Over Ethernet (POE), Ethernet
Audio	2-Way Audio (Built-in Microphone & Speaker)
Detection	Humanoid Detection, Motion Detection
Weather Resistance	IP66 Waterproof Metal Housing
Storage	Supports Max 128GB Micro SD Card
Viewing Options	CamHi/CamHipro App, HiP2P PC Client, Browser View (HTML5 compatible)
Night Vision	Infrared LEDs, Automatic Day/Night Switch
Dimensions	7.87 x 3.35 x 2.56 inches

9. WARRANTY AND SUPPORT

SV3C Technology provides lifetime technical support for this product. For any questions or assistance, please contact SV3C via your Amazon order or send an email to the after-sales email account. Responses are typically provided within 24 hours.

For further information and resources, visit the official SV3C website: [SV3C Store on Amazon](#)

10. ADDITIONAL RESOURCES

Below are relevant videos that may assist with the setup and operation of your camera.

Video: SV3C 5MP POE IP Camera Live View

Your browser does not support the video tag.

Description: This video demonstrates the live view functionality of the SV3C 5MP POE IP Camera, showing real-time footage from the camera. It provides a visual example of the camera's image quality and field of view during daytime operation. This video is provided by a customer.

Video: SV3C 5MP POE IP Camera Night Vision

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Description: This video showcases the night vision capabilities of the SV3C 5MP POE IP Camera, demonstrating its performance in low-light conditions. It captures an animal moving on a wooden deck at night, illustrating the clarity and range of the infrared illumination. This video is provided by a customer.

Video: SV3C 5MP POE IP Camera Network Setup

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Description: This video provides a demonstration of the network setup and installation process for the SV3C 5MP POE IP Camera. It highlights the ease of connecting the camera to a network and accessing its features. This video is provided by a customer.

