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› SV3C 5MP POE IP Camera Outdoor User Manual

SV3C B06POE-5MP-V

SV3C 5MP POE IP Camera Outdoor User Manual

Model: B06POE-5MP-V | Brand: SV3C

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your SV3C 5MP POE IP Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.



Image: Two SV3C 5MP POE IP Cameras, showcasing the product included in the 2-pack.

2. PRODUCT FEATURES

- **5MP Super HD Resolution:** Displays in 2560 x 1920 HD for crystal-clear footage day and night.
- **Two-way Audio:** Built-in microphone and speaker for communication and deterrent alarms.
- **Local Storage:** Supports Micro SD card up to 128GB for continuous or motion-triggered recording. Utilizes advanced storage technology for efficient space usage.
- **Human Motion Detection & Alarms:** Smart motion detection specifically for human movement, sending text notifications via CamHi/CamHipro app, sound alarms, and email with snapshots.
- **Remote View & Onvif Conformity:** View remotely via CamHi or CamHipro app (supports 4 cameras simultaneously). Compatible with Onvif-supporting third-party software like Blue Iris, iSpy, Zoneminder, and NVRs.
- **IP66 Waterproof & Durable:** Metal casing provides IP66 waterproof rating, suitable for harsh weather conditions, ideal for indoor and outdoor use.

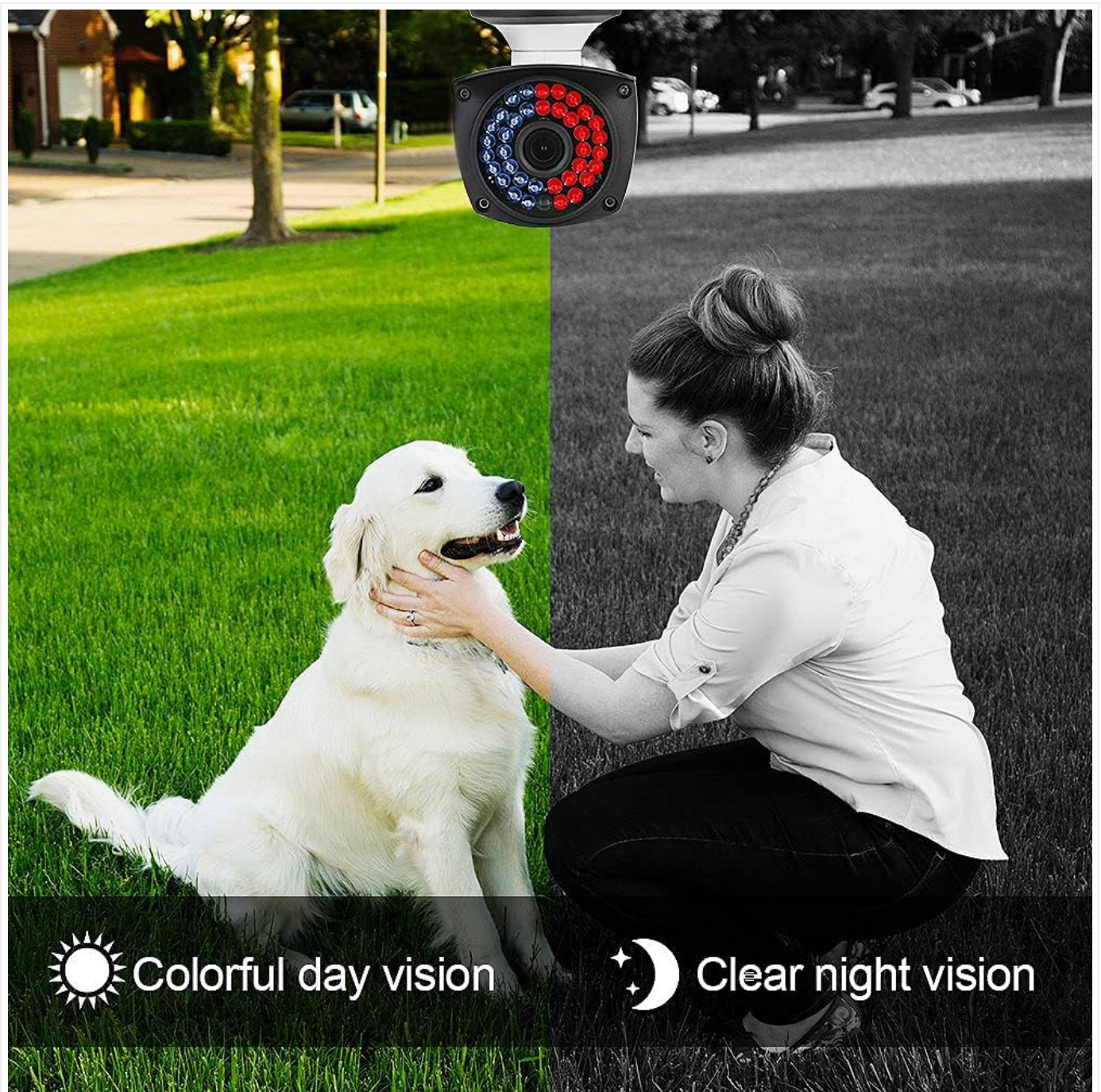


Image: Comparison of colorful day vision and clear night vision capabilities of the camera.

2-Way Audio



Image: Illustration of the two-way audio feature, showing a person at the door communicating with someone viewing via a smartphone.



Image: Demonstrates the camera's IP66 waterproof rating, showing it functioning in various weather conditions like rain, lightning, and snow.

3. PACKAGE CONTENTS

The SV3C 5MP POE IP Camera package typically includes the following items:

- SV3C 5MP POE IP Camera (2 units for 2-pack model)
- Mounting Screws and Anchors
- Waterproof Kit for Ethernet Cable
- Quick Start Guide
- Drill Template



Image: Diagram illustrating the various components of the SV3C camera, including the lens, LEDs, microphone, speaker, LAN port, and power port.

4. SETUP GUIDE

4.1 Power Over Ethernet (POE) Connection

This camera is a POE (Power Over Ethernet) IP camera. It receives both power and data through a single Ethernet cable, simplifying installation.

1. **Connect to Router/NVR:** Connect the camera to your POE-enabled router or NVR (Network Video Recorder) using an Ethernet cable. Ensure the cable is securely connected to the camera's LAN cable port.
2. **Power On:** Once connected to a POE source, the camera will power on automatically.
3. **Waterproof Connection:** Use the provided waterproof kit for the Ethernet connection if installing outdoors to protect against moisture.



Image: Diagram showing a simplified POE connection setup, where a single cable connects the camera to a POE injector or NVR, providing both power and data.

4.2 Mobile App Setup (CamHi/CamHipro)

1. **Download App:** Search for "CamHi" or "CamHipro" in your mobile app store (iOS App Store or Google Play Store) and download the application.
2. **Add Device:** Open the app, register an account if necessary, and follow the in-app instructions to add your camera. This usually involves scanning a QR code on the camera or manually entering its ID.
3. **Live View:** Once added, you can access the live view, configure settings, and receive notifications.

4.3 NVR/Third-Party Software Integration

The camera supports Onvif Conformity, allowing integration with most NVRs and third-party software like Blue Iris, iSpy, and Zoneminder. Note that not all functions may work perfectly with third-party software.

1. **Add Camera:** Refer to your NVR or third-party software's manual for instructions on adding an Onvif-compatible IP camera.
2. **Video Encoding:** If you encounter issues with image display on your NVR, change the camera's video coding to H.264. If the problem persists, change the Sub stream to 640x480.
3. **Two-Way Audio (Blue Iris):** Two-way audio functions with Blue Iris. Ensure microphone and speaker settings are enabled within Blue Iris. It does not work with iSpy.

Compatible with ONVIF



Image: Diagram showing compatibility with various platforms including CamHi, CamHipro, NVR, iSpy, Blue Iris, and ONVIF, along with a P2P client view.

5. OPERATING INSTRUCTIONS

5.1 Remote Viewing

Access your camera feed remotely using the CamHi or CamHipro app on your smartphone. The app allows simultaneous viewing of up to four cameras on the same screen.



Image: Depicts multi-user viewing capability across different devices like smartphones and tablets, showing the same camera feed. You can also view the camera feed directly through web browsers like Firefox, Google Chrome, and Edge using the camera's IP address. The camera supports HTML5, eliminating the need for Flash or ActiveX plugins.

5.2 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This feature allows you to speak to visitors or deter unwanted individuals directly through the camera.

5.3 Motion Detection and Alerts

Configure the camera to detect human movement only, reducing false alarms. Upon detection, the camera can:

- Send text notifications to the CamHi/CamHipro app.
- Trigger a sound alarm from the camera.
- Send an email with three snapshots to your configured email address.



Image: Illustrates the humanoid detection feature, showing a person being detected and various alert options like push notifications, email, FTP, and siren.



Image: Shows a smartphone displaying smart motion alerts, with icons for email, SD card, app notifications, and FTP.

5.4 Video Storage

The camera supports local storage via a Micro SD card (up to 128GB). You can configure recording settings to:

- Record continuously throughout the day.
- Record only when motion is detected.
- Save both continuous and alarm videos simultaneously.

The camera uses advanced storage technology to maximize space and reduce bandwidth for smooth remote viewing.

6. MAINTENANCE

The SV3C 5MP POE IP Camera is designed for durability with its IP66 waterproof metal casing. To ensure optimal performance and longevity:

- **Regular Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth to remove dust, dirt, or water

spots that may obstruct the view. Avoid abrasive cleaners.

- **Cable Inspection:** Regularly inspect the Ethernet cable and connections for any signs of wear, damage, or loose connections, especially for outdoor installations. Ensure the waterproof kit is properly sealed.
- **Firmware Updates:** Check the SV3C official website or app for any available firmware updates. Keeping the firmware updated can improve performance, add new features, and enhance security.
- **SD Card Management:** If using an SD card for storage, periodically check its status and ensure it is functioning correctly. Back up important footage as needed.

7. TROUBLESHOOTING (FREQUENTLY ASKED QUESTIONS)

Q: How can I connect this IP camera?

A: This is a POE (Power Over Ethernet) IP camera. Please connect it with an Ethernet cable to your router or NVR.

Q: Can I add this outdoor security camera on my NVR/DVR?

A: Yes, this 5MP POE camera works with most NVR/DVRs, but not all.

Q: Does the security camera support Audio? If yes, why doesn't the POE camera work on my NVR?

A: Yes, this POE security camera supports 2-way audio. When using two-way audio on your NVR, first check if your NVR supports it. If it does, check the microphone and speaker settings to ensure they are enabled.

Q: Why can't I see an image when adding this POE camera to my NVR?

A: The default setting of this 5MP POE camera may be higher. Please change the video coding to H.264. If it still doesn't work, change the Sub stream to 640x480.

Q: Can I set the POE camera to record on my NVR?

A: Yes, you can set the 5MP POE camera to record all day on your NVR. The 5MP POE IP camera also supports motion detection recording on some NVRs.

Q: Does this POE camera work with Danale app?

A: No, this 5MP POE camera is an SV3C HX series camera. It works with SV3C HiP2P PC software, Browser view, CamHi and CamHipro app, and some other third-party software.

Q: Can I connect this IP camera on Blue Iris, iSpy?

A: Yes, you can add and view the camera on Blue Iris, iSpy.

Q: Can I use the two-way audio of this POE camera on Blue Iris, iSpy?

A: The two-way audio function of this POE IP camera only works on Blue Iris, it does not work on iSpy. You need to turn on the microphone and speaker setting on Blue Iris to make it work.

Q: Can I connect and view the POE security camera on Edge or Firefox?

A: Yes, you can. The new 5MP POE camera supports HTML5, meaning you can view the camera without Flash or Active-X plugin. Just load the camera on browsers like Firefox, Google Chrome, or Edge via the camera's IP address.

8. SPECIFICATIONS

Feature	Detail
Model Number	B06POE-5MP-V
Effective Still Resolution	5 MP (2560 x 1920)
Connectivity Technology	Ethernet (POE)
Power Source	Corded Electric
Special Feature	Waterproof (IP66), Two-way Audio, Humanoid Detection

Indoor/Outdoor Usage	Indoor, Outdoor
Storage Support	Max 128GB SD Card
Material	Aluminum
Item Dimensions (L x W x H)	0.33 x 0.26 x 7.87 inches
Item Weight	2.57 pounds
Compatible Devices	Smartphone, NVR, PC (via browser/software)

9. WARRANTY AND SUPPORT

SV3C Technology provides lifetime technical support for this product. If you have any questions or require assistance with your camera, please contact SV3C via your Amazon order or send an email to the after-sales email account. We aim to reply within 24 hours.

For more information and support, visit the official SV3C Store on Amazon:[SV3C Amazon Store](#).

