

SV3C B08RRLTJF5

SV3C Wireless Outdoor WiFi Security Camera Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your SV3C Wireless Outdoor WiFi Security Camera. Please read this manual thoroughly before use to ensure proper functionality and safety. Keep this manual for future reference.

PRODUCT OVERVIEW

Key Features

- **Night Vision Modes:** Supports color night vision, infrared black and white, and smart night vision for clear monitoring in various lighting conditions.
- **Two-Way Audio:** Equipped with a built-in microphone and speaker, enabling real-time communication.
- **Flexible Connectivity:** Supports both wired LAN (RJ45 Ethernet) and wireless Wi-Fi (IEEE 802.11 b/g/n, 2.4GHz only) connections.
- **Local Storage:** Compatible with SD cards up to 128GB for local recording (SD card not included).
- **Remote Access:** View live footage and recordings from multiple devices including PCs, smartphones, and tablets via web browser or the dedicated Camhi/CamhiPro app. Up to 6 smartphones can be registered simultaneously.
- **Motion & Human Detection:** Advanced detection capabilities trigger automatic push notifications and recording upon detecting movement or human figures.
- **Pan/Tilt Functionality:** Remotely adjust the camera's horizontal (Pan) and vertical (Tilt) viewing angles.
- **Durable Design:** IP67 waterproof rating ensures reliable operation in outdoor environments.
- **ONVIF Support:** Compatible with ONVIF 2.4 for integration with other surveillance systems.

Product Diagram and Components

The following images illustrate the camera's design and various features.



Figure 1: SV3C Wireless Outdoor WiFi Security Camera. This image shows the overall design of the camera unit.



二つの設置スタイル：壁取付 & 天井取付



Figure 2: Installation styles (wall mount, ceiling mount) and weather resistance (rain, sun, wind, snow) of the SV3C camera.



Figure 3: Demonstrates the 1080p Full HD resolution and the pan (360°) and tilt (90°) control via a smartphone interface.

3パターンで夜間撮影可能



Figure 4: Three night vision modes: Infrared (black and white), Color mode, and Smart Color mode, showing their effectiveness in low light.

双方向音声対応

マイクとスピーカー内蔵



Figure 5: Illustrates the two-way audio feature, allowing communication through the camera's built-in microphone and speaker.



人体検知 & モーション検知対応

人体検知機能追加、誤検知を減らす
検知すると、自動的にプッシュ通知を送り、録画する

-  アプリプッシュ
-  動体検知録画
-  24/7 録画

Figure 6: Shows the human detection and motion detection capabilities, including automatic push notifications and 24/7 recording.



Figure 7: Highlights ONVIF compatibility and support for various platforms like NVR, ZoneMinder, and mobile apps.

Package Contents

Please check that all items are present in the package:

- SV3C Wireless Outdoor WiFi Security Camera Unit
- Power Adapter
- Mounting Bracket
- Mounting Screws and Wall Plugs
- Waterproof Kit for Ethernet Cable
- Quick Start Guide
- Antennas (if detachable)

SETUP

1. Mounting Options

The camera supports both wall and ceiling mounting. Choose a location that provides optimal viewing coverage and a stable surface for installation.

- **Wall Mounting:** Secure the mounting bracket to a wall using the provided screws.
- **Ceiling Mounting:** Attach the mounting bracket to a ceiling or overhang.



Figure 8: Example of wall mounting the camera.



Figure 9: Example of hanging (ceiling) mounting the camera.

2. Power Connection

Connect the provided power adapter to the camera's power input and then plug it into a power outlet. Ensure the connection is secure.

3. Network Connection

The camera supports both wired and wireless connections.

- **Wired Connection:** Connect an Ethernet cable from your router to the camera's RJ45 port. Use the waterproof kit for outdoor installations.
- **Wireless Connection:** Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi.

4. App Installation and Initial Configuration

Download and install the 'Camhi' or 'CamhiPro' app on your smartphone or tablet. Follow the in-app instructions to add your camera to the network and complete the initial setup. For detailed video instructions on wireless connection via CamhiPro, refer to the URL provided on the back of the instruction manual.

OPERATING INSTRUCTIONS

1. Live View and Playback

Access the live feed from your camera via the Camhi/CamhiPro app or a web browser on your PC. You can also review recorded footage stored on the SD card.

2. Pan and Tilt Control

Use the controls within the app to remotely adjust the camera's viewing angle. The camera can pan 360 degrees horizontally and tilt 90 degrees vertically.



Figure 10: Screenshot showing the pan and tilt control interface within the mobile application.

3. Two-Way Audio Communication

Press and hold the microphone button in the app to speak through the camera's speaker. You can hear audio from the camera's microphone at all times.

4. Night Vision Modes

The camera offers three night vision modes:

- **Infrared (Black & White) Mode:** Standard night vision using infrared LEDs.
- **Color Mode:** Uses built-in LEDs to provide full-color night vision.
- **Smart Color Mode:** Automatically switches to color night vision and activates LEDs when human motion is detected, acting as a deterrent.

5. Motion and Human Detection

Configure detection sensitivity and areas within the app. When motion or a human figure is detected, the camera will send push notifications to your device and initiate recording.

6. Recording to SD Card

Insert a compatible SD card (up to 128GB) into the camera's SD card slot. The camera will automatically record footage based on your settings (e.g., continuous, motion-triggered).



Figure 11: Illustration of the SD card recording feature, showing the card slot and recording icon.

7. Multi-Device Access

The camera supports viewing from multiple devices. You can access the camera via a web browser on a PC or through the Camhi/CamhiPro app on up to 6 smartphones simultaneously. For expanding your system, up to 64 SV3C HX series cameras can be added.

MAINTENANCE

1. Cleaning the Camera

Periodically clean the camera lens and housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the camera.

2. Firmware Updates

Check the official SV3C website or the Camhi/CamhiPro app regularly for firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.

TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Q1: I don't understand the setup and installation methods.

A: A simplified Japanese manual is included with the product. For other settings, please refer to the official website for the full manual (HX Series). You can also contact SV3C support via Amazon by following these steps: ① Access your order history from Account Services ② Click on the seller's shop link ③ Click "Ask a question" ④ Select the type and content of your inquiry ⑤ Click "Enter message" ⑥ After entering, click "Send email". Alternatively, email customer support at jp01-am@sv3c.com as listed in the manual.

Q2: The camera is not detected when searching for LAN cameras, even when connected via LAN cable.

A: Ensure both the camera and your smartphone/PC are connected to the same network when searching for LAN cameras. If it's still not recognized, please try connecting wirelessly by referring to sections 2.2.1 to 2.2.3 of the manual.

Q3: I cannot connect via Wi-Fi.

A: If you are unable to connect via Wi-Fi, please check the following:

1. The Wi-Fi network name (SSID) and password must not contain spaces or special characters such as '-', '#', or '@'. Please verify.
2. Confirm that you are using a 2.4GHz Wi-Fi band. The camera only supports 2.4GHz Wi-Fi and is not compatible with 5GHz.
3. Ensure the camera and your smartphone are connected to the same network.

Q4: The wireless LAN connection suddenly dropped while viewing on my smartphone. What could be the cause?

A: The wireless connection may occasionally drop due to radio wave environment conditions. If the connection does not recover after a few minutes, try turning off the camera's power, waiting a few seconds, and then turning it back on to restart. If the issue persists, please contact customer support.

Q5: I downloaded an H.264 recording file, but I cannot play it on my PC.

A: H.264 format recordings saved on an SD card can be played online using the Camhi app or HiP2P Client. To play downloaded recordings on a PC, you need to download and install HiPlayer. HiPlayer can be downloaded from the official website (HX Wireless Series - PC Software - 4 - HiPlayer_Setup_v1.2.zip).

Q6: The camera's direction changed unexpectedly. Is it a malfunction?

A: To prevent excessive load on the CPU and memory during long periods of operation, the camera is set by default to automatically restart every Friday at 3 AM. During a restart, the camera will rotate once in all directions (up, down, left, right). This rotation might give the impression that the surveillance direction has changed. This is normal operation. To disable scheduled restarts: Log in via browser (IE) ⇒ Settings ⇒ Advanced ⇒ Restart time (off).

Q7: Since January 1, 2025, alarm saving from the IP camera to the FTP server has stopped working.

A: As of January 1, 2025, the encryption method for FTP has changed. Files can no longer be saved to previous folders and can only be saved to the root directory. For detailed explanations and solutions, please check the official website (HX Series - FTP Manual Folder Creation Method).

SPECIFICATIONS

Brand	SV3C
Model Number (ASIN)	B08RRLTJF5
Recommended Use	Outdoor/Indoor Security
Connectivity Technology	Wired, Wireless (Wi-Fi)
Special Features	Motion Sensor, Night Vision
Indoor/Outdoor Use	Outdoor
Compatible Devices	Smartphone (Android, iOS), Windows PC

Power Source	Corded Electric
Connection Protocol	Wired (RJ45 Ethernet), Wireless (IEEE 802.11 b/g/n), ONVIF 2.4 (backward compatible), TCP/IP, HTTP, DHCP, DDNS, RTP, RTSP, PPPOE, SMTP, NTP, UPNP
Video Capture Resolution	1080p
Effective Still Resolution	2 MP
Waterproof Rating	IP67
Video Capture Format	H.264 & H.265
Focus Function	Auto Focus
Product Dimensions	12 x 16 x 19 cm
Form Factor	Dome
Mounting Type	Hanging, Wall Mount

WARRANTY AND SUPPORT

1. Warranty Information

Your SV3C Wireless Outdoor WiFi Security Camera comes with a 1-year warranty. This warranty covers product defects and malfunctions under normal use. It does not cover damage caused by customer misuse or incorrect settings.

2. Technical Support

Free technical support is provided. If you encounter any issues with your camera's setup or operation, or if the product is found to be defective, please contact us for assistance. We offer product exchange or refund for defective units.

For inquiries, please include your order number and contact us at: jp01-am@sv3c.com. Our customer service team is dedicated to providing prompt and courteous support.

For additional resources, including manuals and software downloads, please visit the official SV3C website.