

## SV3C B06W-5MP-HX

# SV3C B06W-5MP-HX Outdoor Security Camera User Manual

Model: B06W-5MP-HX

Brand: SV3C

## 1. PRODUCT OVERVIEW

The SV3C B06W-5MP-HX is a high-performance outdoor security camera designed for reliable surveillance. It features 5-megapixel resolution for clear imaging, H.265 video compression for efficient storage, and robust IP66 waterproofing for outdoor durability. This camera supports two-way audio, motion detection with alerts, and night vision, making it suitable for various home and business security needs.



Image: SV3C B06W-5MP-HX Outdoor Security Camera with antenna and IR LEDs.



Image: Overview of SV3C camera features including Wi-Fi, two-way audio, 5MP, human detection, and IP66 waterproof, shown with various monitoring scenarios like gardens, entrances, and parking lots.

## 2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x SV3C B06W-5MP-HX Outdoor Security Camera
- 1 x US Power Adapter (9.8ft cable)
- 1 x Cat5 Ethernet Cable
- 1 x Mounting Bracket and Screws
- 1 x Waterproof Cover for Ethernet connection
- 1 x User Manual (Simplified Japanese version included, full version available online)



Image: Visual representation of the camera and its included accessories: power adapter, LAN cable, mounting screws, waterproof cap, and user manual.

## 3. SETUP GUIDE

### 3.1 Initial Connection

1. **Power On:** Connect the camera to the included power adapter and plug it into an electrical outlet.
2. **Network Connection:** For initial setup, it is recommended to connect the camera to your router using the provided Cat5 Ethernet cable. This ensures a stable connection for configuration.
3. **App Download:** Download the 'Camhi' or 'Camhipro' app from your smartphone's app store (iOS/Android).
4. **Add Device:** Open the app, register an account if necessary, and follow the in-app instructions to add your camera. Typically, this involves scanning a QR code on the camera or searching for devices on your local network.
5. **Wi-Fi Configuration:** Once connected via Ethernet, you can configure the camera to connect to your 2.4GHz Wi-Fi network through the app settings. (Note: This camera does not support 5GHz Wi-Fi).

### 3.2 Mounting the Camera

The camera is designed for wall mounting. Choose a location that provides the desired viewing angle and is within range of your Wi-Fi network and a power source.

1. **Mark Drilling Points:** Use the mounting bracket as a template to mark the screw holes on the desired surface.
2. **Drill Holes:** Drill pilot holes at the marked points.
3. **Secure Bracket:** Attach the mounting bracket to the surface using the provided screws.
4. **Attach Camera:** Secure the camera to the mounting bracket. Adjust the camera angle as needed (0-90 degrees rotation is possible).
5. **Waterproof Connection:** For outdoor installations, ensure the waterproof cover is properly installed over the Ethernet cable connection to protect it from moisture.



Image: Illustrations showing various installation angles for the camera and its wired/wireless connection options.

## 4. OPERATING INSTRUCTIONS

### 4.1 Live View and Recording

Access the live video feed from your camera via the Camhi/Camhipro app on your smartphone or compatible PC software. You can initiate manual recordings or set up continuous recording to a MicroSD card (not included, supports up to 128GB) or network storage.



## 500万画素超高画質・H.265動画圧縮

Image: A comparison demonstrating the superior clarity and detail of 5-megapixel resolution compared to 1080P, highlighting the effectiveness of H.265 video compression.

### 4.2 Two-Way Audio

The camera is equipped with a built-in speaker and microphone, allowing for two-way audio communication. Use the app to speak through the camera and hear audio from the camera's location.

## 双方向音声対応

音声付き録画は可能

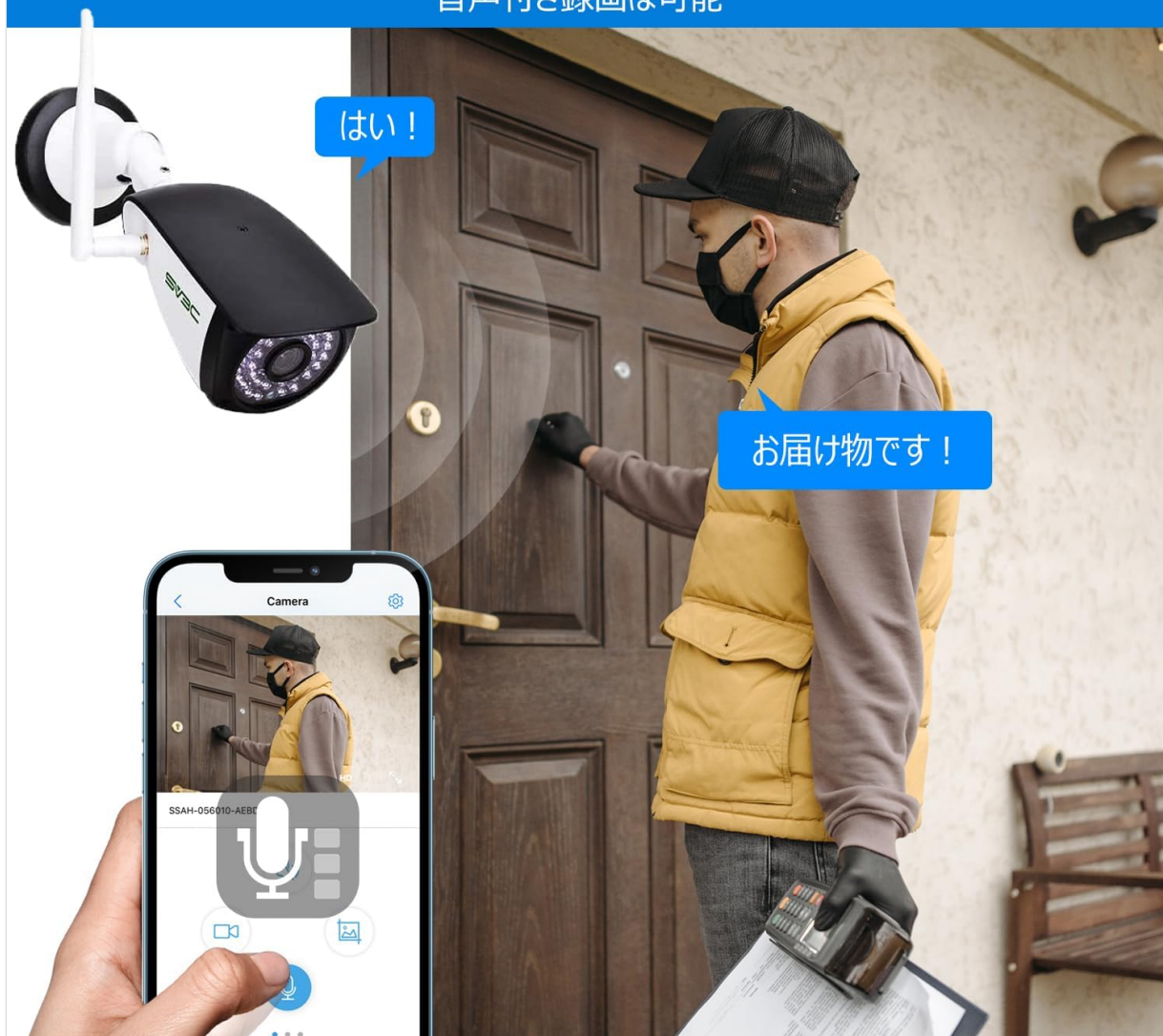


Image: A person using a smartphone app to communicate through the camera with someone at the door, demonstrating the two-way audio feature.

### 4.3 Motion Detection and Alerts

Configure motion detection zones and sensitivity settings within the app. When motion is detected, the camera can automatically send push notifications to your smartphone and/or email alerts. It can also trigger recording.



Image: A visual representation of the motion detection system, showing a detected intruder and the various notification methods (app notification, email, FTP) sent to a smartphone.



Image: A smartphone screen displaying a motion detection alert from the camera, indicating an event has occurred.

#### 4.4 Night Vision

The camera is equipped with 36 infrared (IR) LEDs, providing clear black-and-white night vision up to approximately 20 meters (65 feet) in low-light or no-light conditions.



Image: A split image showing the camera's view during the day (color) and at night (black and white IR night vision).

## 5. MAINTENANCE

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

- **Lens Cleaning:** Periodically clean the camera lens with a soft, dry cloth to remove dust and smudges that may affect image clarity.
- **Housing Inspection:** Check the camera housing for any signs of damage or wear, especially if installed outdoors.
- **Cable Connections:** Ensure all cable connections (power, Ethernet) are secure and free from corrosion.
- **Software Updates:** Check the Camhi/Camhipro app regularly for firmware updates for your camera. Keeping the firmware updated can improve performance and security.
- **Power Cycle:** If the camera becomes unresponsive, try power cycling it by unplugging and re-plugging the power adapter.

## 6. TROUBLESHOOTING

If you encounter issues with your SV3C B06W-5MP-HX camera, refer to the following common solutions:

Problem	Possible Cause	Solution
Camera offline/Cannot connect to app	No power, Wi-Fi signal too weak, incorrect Wi-Fi password, router issues.	Check power connection. Ensure camera is within 2.4GHz Wi-Fi range. Verify Wi-Fi password in app. Restart router and camera. Try initial setup with Ethernet cable.
Poor image quality	Dirty lens, low light conditions, network bandwidth issues.	Clean the camera lens. Ensure adequate lighting or verify night vision is active. Check network speed.
Motion detection not working	Incorrect sensitivity settings, detection zone not configured, app notifications disabled.	Adjust motion detection sensitivity and zones in the app. Enable push notifications for the app on your smartphone.

Problem	Possible Cause	Solution
Two-way audio issues	Microphone/speaker muted in app, network latency.	Ensure microphone and speaker icons are enabled in the app. Check network stability.
MicroSD card not recording	Card full, not formatted, faulty card, recording settings incorrect.	Check card capacity. Format the MicroSD card via the app. Replace card if faulty. Verify recording schedule/settings.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	B06W-5MP-HX
Video Resolution	5 Megapixels (2560x1920)
Video Compression	H.265
Connectivity	Wired (Ethernet), Wireless (2.4GHz Wi-Fi only)
Audio	Two-Way Audio (Built-in Speaker and Microphone)
Night Vision	36 IR LEDs, up to 20m (65ft) range
Motion Detection	Supported, with app notifications and email alerts
Storage	MicroSD Card (up to 128GB, not included)
Waterproof Rating	IP66
Compatible Devices	iOS, Android, Windows (Not compatible with Mac)
Power Source	Corded Electric
Product Dimensions	20 x 7 x 6.5 cm
Weight	600 g



Image: Icons representing key features: Easy Setup, 2.4GHz Wi-Fi, 5MP HD, Two-Way Audio, Motion Detection, Day/Night Mode, Auto Alarm, Email Notification, and IP66 Waterproof.



Image: The camera shown under water spray, with icons indicating resistance to lightning and an operating temperature range of -20°C to 60°C, demonstrating its IP66 waterproof and weather-resistant design.

## 8. WARRANTY AND SUPPORT

SV3C offers a **12-month warranty** for this product. If you encounter any issues, defects, or require after-sales service, please do not hesitate to contact SV3C customer support.

For the full user manual (HX series) and additional resources, please visit the official SV3C website:

[www.sv3c.com/cd](http://www.sv3c.com/cd)