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## SV3C SD10W-5MP-HX

# SV3C 5MP PTZ WiFi Outdoor Security Camera

Model: SD10W-5MP-HX

## INTRODUCTION

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



Image: Overview of the SV3C 5MP PTZ WiFi Outdoor Security Camera highlighting its features.

## PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- SV3C PTZ Camera
- Mounting Bracket
- Power Adapter
- Ethernet Cable (for initial setup)
- Waterproof Connectors
- WiFi Antenna
- User Manual
- SD Card Tweezers
- Screws and Wall Plugs



## 5 Megapixels Super HD

355°Pan, 120°Tilt, 5X Optical Zoom  
Rotation Directions to Cover Larger Area



Image: The SV3C PTZ camera with its included accessories, such as the power adapter, antenna, and mounting hardware.

### Unboxing Video

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Video: An unboxing demonstration of the SV3C 5MP PTZ WiFi Outdoor Security Camera, showing all components included in the package.

### SETUP

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## 1. Physical Installation

1. **Choose a Mounting Location:** Select a suitable outdoor location that provides the desired viewing angle and is within range of your Wi-Fi network or Ethernet connection. Ensure the surface is sturdy enough to support the camera's weight.
2. **Mount the Bracket:** Use the provided mounting bracket, screws, and wall plugs to securely attach the camera to the chosen surface.
3. **Attach the WiFi Antenna:** Screw the included WiFi antenna onto the designated port on the camera.
4. **Connect Power:** Connect the power adapter to the camera's power input. For Power over Ethernet (PoE) functionality, connect an Ethernet cable from a PoE-enabled switch or injector to the camera's Ethernet port. Use the waterproof connectors to protect the Ethernet cable connection if exposed to the elements.

## 2. App Installation & Network Connection

1. **Download the App:** Search for "Camhi" or "Camhipro" in your smartphone's app store (available for iOS and Android). Install the application.
2. **Initial Connection (LAN):** For the first-time setup, it is recommended to connect the camera to your router via the provided Ethernet cable. Ensure your smartphone is connected to the same network.
3. **Add Device in App:** Open the app, select to add a new device, and follow the on-screen instructions to search for and add your camera.
4. **Configure Wi-Fi:** Once the camera is added via LAN, navigate to the camera settings within the app to configure your 2.4GHz Wi-Fi network credentials. After successful Wi-Fi configuration, you can disconnect the Ethernet cable.

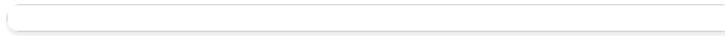


Image: Illustrates the dual connectivity options: WiFi wireless and Ethernet cable connection for the camera.

## OPERATING THE CAMERA

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### 1. Live View & PTZ Control

Access the live feed of your camera through the app. You can remotely control the camera's pan (355°), tilt (120°), and 5X optical zoom to cover a larger area and focus on specific details.



## Remote Access and Two Way Audio

### Multi-Users Viewing



Image: Demonstrates remote access and two-way audio functionality, allowing multiple users to view the camera feed.



Image: Shows how to control the camera's rotation directly from your smartphone app.

## 2. Night Vision Modes

The camera supports three night vision modes:

- **Normal Mode:** Black and white night vision using infrared light.
- **Color Mode:** Provides vivid color images even in complete darkness.

- **Smart Mode:** Activates color night vision only when motion is detected, otherwise it remains in black and white.



Image: Comparison of night vision with spotlight on (color) and off (black & white).

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Video: Demonstrates the camera's night vision capabilities, showcasing both color and infrared modes.

### 3. Motion Detection & Tracking

The camera features intelligent humanoid motion detection and automatic tracking. You can define detection areas, set monitoring times, and adjust sensitivity to minimize false alarms. When motion is detected, the camera can automatically track the moving object, send alerts to your phone/email/FTP server, and record alarm videos to an SD card or FTP server.



Image: Illustrates the motion-triggered spotlight feature, enhancing visibility and deterrence.

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Video: Shows the smart humanoid motion tracking in action, with the camera following a person and sending alerts.

### 4. Two-Way Audio

Communicate with visitors or deter intruders using the built-in advanced microphone and speaker with anti-noise technology. This allows for smooth and clear voice communication directly through your mobile device.

### 5. Recording & Playback

The camera supports up to 128GB MicroSD card storage (not included). You can record footage continuously or only when motion is detected. Easily playback recorded videos directly from the app or remote client.



Image: Illustrates the video playback interface, showing recorded footage stored on an SD card.

## 6. ONVIF Compatibility

The camera supports the ONVIF protocol, allowing seamless integration with ONVIF NVRs, Blue Iris, and Ispy software. This provides flexibility for advanced surveillance systems.

**RTSP&ONVIF COMPATIBILITY**

This camera can work with ONVIF NVR, softwares support P2P Client, Blue iris or Ispy

A diagram illustrating the camera's compatibility. On the left, a computer monitor displays a multi-camera NVR interface. In the center, a large yellow play button icon is surrounded by concentric circles. On the right is the white SV3C camera. Below the play button, a dashed box contains icons for "p2p client", "Ispy", and "Blue Iris", with a green checkmark at the bottom right. The ONVIF logo is also present at the bottom center.

Image: Shows the camera's compatibility with RTSP and ONVIF, enabling integration with various surveillance platforms.

## MAINTENANCE

## 1. Weather Resistance

The camera features a robust metal housing with an IP66 waterproof rating, ensuring durability and reliable performance in harsh weather conditions such as snow and storms.



### IP66 Waterproof

Durable Metal Shell for Outdoor Using



Sun Protection



Dust Proof



Lightning Protection

Image: The camera shown installed outdoors during rain, highlighting its IP66 waterproof rating and durable metal shell.

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Video: Demonstrates the camera's IP66 waterproof rating, showing it functioning effectively under simulated rain conditions.

## 2. SD Card Installation

To install or replace the MicroSD card, carefully open the access panel on the camera's body. Ensure the card is inserted correctly and the panel is securely closed to maintain the waterproof seal.

## TROUBLESHOOTING

- **Connectivity Issues:** Ensure the camera is within range of your Wi-Fi network or that the Ethernet cable is securely connected. Verify your router's settings and ensure the camera has a stable internet connection.
- **False Motion Alerts:** Adjust the motion detection sensitivity and define specific detection zones within

the app to reduce unwanted alerts from environmental factors like moving plants or shadows.

- **Email/FTP Upload Problems:** Double-check your email and FTP server settings in the app. Ensure the credentials are correct and that your network allows outbound connections to these services.
- **Time Synchronization:** Always set the correct time zone in the camera's settings to avoid discrepancies in recorded footage timestamps.
- **Resetting the Camera:** If you encounter persistent issues, locate the reset button on the camera's cable (often covered by a waterproof cap) and press it for several seconds to restore factory settings.

## SPECIFICATIONS

Feature	Detail
Model	SD10W-5MP-HX
Video Capture Resolution	5 MP
Optical Zoom	5x
Pan/Tilt Rotation	Pan 355°, Tilt 120°
Connectivity Protocol	Wi-Fi, Wired (Ethernet)
Wireless Communication Technology	Wi-Fi (2.4 GHz)
Power Source	Corded Electric
Material	Metal
Water Resistance Level	IP66 (Waterproof)
Night Vision Range	60 Meters
Memory Capacity	128 GB (MicroSD, not included)
Special Features	Night Vision, Humanoid Detection, Auto Tracking, Two-Way Audio, ONVIF
Recommended Uses	Outdoor Security

## WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your SV3C camera, please refer to the contact details provided in the product packaging or visit the official SV3C website. Keep your purchase receipt for warranty claims.