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› SV3C C13 Outdoor PTZ WiFi IP Camera User Manual

SV3C C13

SV3C C13 Outdoor PTZ WiFi IP Camera User Manual

Model: C13

1. INTRODUCTION

Thank you for choosing the SV3C C13 Outdoor PTZ WiFi IP Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your surveillance camera. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x SV3C C13 WiFi Camera
- 1 x AC Power Adapter
- 1 x WiFi Antenna
- 1 x Set of Mounting Screws
- 1 x User Manual (this document)



Image: SV3C C13 Camera and its included accessories, including the camera unit, power adapter, WiFi antenna, mounting screws, and user manual.

3. PRODUCT OVERVIEW

The SV3C C13 is an outdoor PTZ (Pan-Tilt-Zoom) WiFi IP camera designed for comprehensive surveillance. It features 1080p Full HD resolution, full-color night vision, two-way audio, and advanced motion detection with humanoid recognition and automatic tracking.

Key Features:

- **PTZ Functionality:** 350° horizontal pan and 90° vertical tilt for wide area coverage.
- **1080p Full HD:** High-resolution video capture for clear images.
- **Full-Color Night Vision:** Enhanced visibility in low-light conditions.
- **Two-Way Audio:** Built-in microphone and speaker for communication.
- **Humanoid Detection & Auto Tracking:** Intelligent motion detection to reduce false alarms and follow detected subjects.
- **IP65 Weatherproof:** Durable design for outdoor use in various weather conditions.

- **SD Card Storage:** Supports up to 128GB Micro SD card for local recording.
- **App Control:** Remote monitoring and control via CamHi/CamHipro app.

4. SETUP

4.1 Physical Installation

Choose a suitable outdoor location for mounting the camera, ensuring good Wi-Fi signal strength and a clear view of the area you wish to monitor. The camera is designed for wall mounting.

1. Mark the drilling points on the wall using the camera's base as a template.
2. Drill holes and insert the provided wall plugs.
3. Secure the camera to the wall using the mounting screws.
4. Attach the WiFi antenna to the designated port on the camera.
5. Connect the AC power adapter to the camera and plug it into a power outlet.



Image: An SV3C C13 camera mounted on an outdoor wall, demonstrating its weatherproof design and typical installation scenario.

4.2 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 (refer to the product diagram if available).
2. Gently insert the Micro SD card into the slot until it clicks into place.
3. Ensure the camera is powered on and format the SD card via the mobile app for optimal performance.



Image: A close-up view showing a Micro SD card being inserted into the camera's designated slot.

4.3 App Installation and Network Connection

The SV3C C13 camera can be controlled and monitored using the CamHi or CamHipro mobile application.

1. Download the **CamHi** or **CamHipro** app from your smartphone's app store (iOS App Store or Google Play Store).
2. Register an account and log in.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or connecting to the camera's temporary Wi-Fi hotspot to configure its connection to your home Wi-Fi network.
4. Ensure your camera is connected to a 2.4GHz Wi-Fi network.

5. OPERATION

5.1 Live View and PTZ Control

Once connected, you can access the live video feed through the app.

- In the app, select your camera to view the live feed.
- Use the on-screen controls to pan (350° horizontally) and tilt (90° vertically) the camera lens to adjust the viewing angle.
- The camera also supports 5x digital zoom.

Remote Control Via App

Pan 350°Tilt 90° Wide Angle



Image: A smartphone screen displaying the live feed from the SV3C C13 camera, with on-screen controls for pan and tilt movements indicated by arrows.

5.2 Two-Way Audio

The camera is equipped with a microphone and speaker, enabling two-way communication.

- Tap the microphone icon in the app to speak through the camera's speaker.
- The camera's microphone will capture audio from its surroundings.

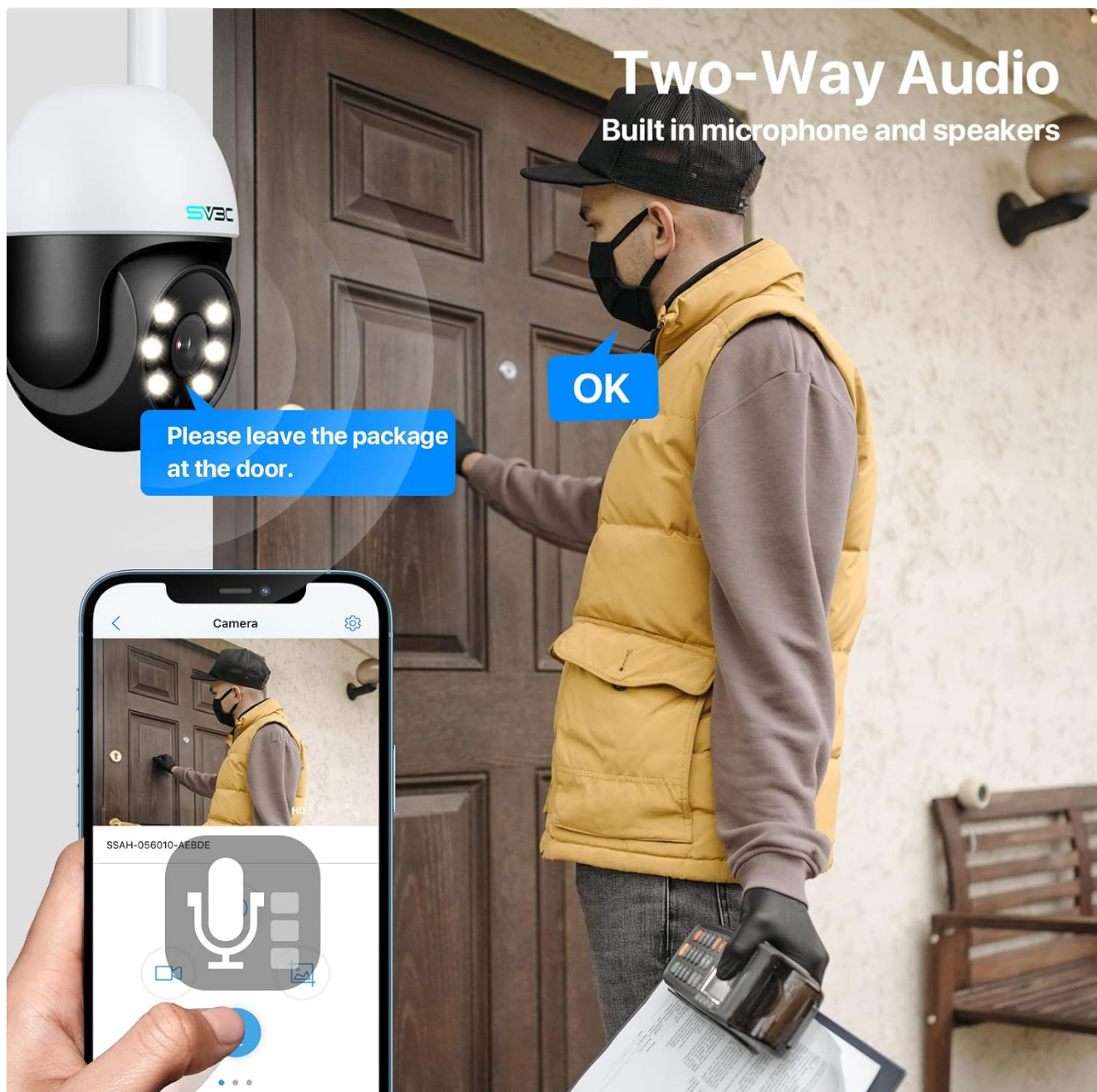


Image: A person at a door interacting with someone through the camera's two-way audio feature, with a smartphone displaying the audio control interface.

5.3 Night Vision Modes

The camera offers three night vision modes for optimal visibility in darkness:

- **Black & White:** Standard infrared night vision.
- **Automatic (Smart):** The camera intelligently switches between modes based on ambient light.
- **Full Color:** Utilizes built-in white lights to provide color images even in extreme darkness.



Image: A demonstration of the camera's full-color night vision, showing a clear, illuminated view of a house at night on a smartphone screen.

5.4 Motion Detection and Alarms

The camera features advanced motion detection capabilities:

- **Humanoid Recognition:** The camera can distinguish human shapes from other moving objects, reducing false alarms.
- **Automatic Tracking:** When a human is detected, the camera can automatically pan and tilt to follow their movement.
- **Alarm Notifications:** Upon detection, the Camhipro app can send text notifications, email snapshots, and record footage to the SD card.
- **Customization:** You can set detection zones, detection times, and sensitivity levels within the app.

Humanoid Detection & Alarm



Image: A scene at night showing the camera detecting human figures, with a smartphone displaying a motion alarm notification from the Camhipro app.

5.5 Recording and Playback

The camera supports continuous 24-hour recording to a Micro SD card.

- Recorded footage can be accessed and played back directly through the CamHi/CamHipro app.
- The video capture format is MP4.

5.6 Third-Party Software Compatibility

The SV3C C13 camera supports ONVIF protocol, allowing integration with various third-party monitoring systems and NVRs.

- Compatible with software such as Blue Iris and iSpy.
- Can be connected to ONVIF-compatible NVRs for centralized recording and management.
- A P2P client software is also available from the SV3C website for desktop viewing.



Image: A diagram illustrating the SV3C C13 camera's compatibility with various software and systems, including CamHi, CamHipro, ONVIF, Blue Iris, iSpy, P2P Client, and ONVIF NVR.

6. MAINTENANCE

6.1 Cleaning

Regular cleaning helps maintain optimal image quality.

- Ensure the camera is powered off before cleaning.
- Wipe the camera lens and body with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.

6.2 Firmware Updates

Periodically check the SV3C website or the CamHi/CamHipro app for available firmware updates. Keeping your camera's firmware updated ensures the latest features and security enhancements.

7. TROUBLESHOOTING

If you encounter issues with your SV3C C13 camera, refer to the following common problems and solutions:

Problem	Possible Solution
Camera not connecting to Wi-Fi	Ensure your Wi-Fi is 2.4GHz. Check Wi-Fi password. Move camera closer to router. Restart camera and router.
No live video feed	Check network connection. Ensure camera is powered on. Restart the app.
Motion detection not working	Verify motion detection settings in the app. Adjust sensitivity and detection zones. Ensure SD card is inserted and formatted.
Two-way audio issues	Check volume settings on your phone and in the app. Ensure microphone and speaker permissions are granted to the app.
Poor night vision quality	Ensure the camera lens is clean. Check night vision mode settings in the app.

8. SPECIFICATIONS

Feature	Detail
Model Name	C13
Video Resolution	1080p Full HD (1920x1080 pixels)
Pan/Tilt Range	Pan 350°, Tilt 90°
Digital Zoom	5x
Night Vision	Full Color Night Vision, Black & White, Automatic (Smart)
Audio	Two-Way Audio (Built-in Microphone & Speaker)
Motion Detection	Humanoid Recognition, Automatic Tracking
Connectivity	Wireless (2.4GHz Wi-Fi)
Storage	Micro SD Card (up to 128GB), NVR (ONVIF compatible)
Weatherproof Rating	IP65
Power Input	12V DC, 12W
Control Method	Mobile App (CamHi/CamHipro), P2P Client
Dimensions	10.2 x 10.2 x 16.7 cm
Material	Metal

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SV3C website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: SV3C Technology