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> SOVMIKU WiFi Camera for Home Security, Pan Tilt, Plug in Camera 2.4G WiFi, Auto Tracking, 2.5K, 4MP, Spotlight Alarm, Color Night Vision, Human Detection, 2-Way Audio, Waterproof User Manual

SOVMIKU SFWHD313

SOVMIKU WiFi Security Camera User Manual

Model: SFWHD313

Brand: SOVMIKU

INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your SOVMIKU WiFi Security Camera. Please read this manual thoroughly before using the product to ensure proper function and safety. This camera is designed for home security, offering features such as pan/tilt control, auto-tracking, 2.5K 4MP resolution, color night vision, human detection, two-way audio, and waterproof capabilities.

KEY FEATURES

- **2.5K 4MP HD Image:** Provides clear and detailed video resolution (2560x1440).
- **Pan & Tilt 360° View:** Vertical 90° and horizontal 320° rotation for comprehensive coverage.
- **Full Color Night Vision:** Bright built-in floodlights extend night vision up to 65 feet, displaying clear color images in dark environments.
- **Human Detection & Auto Tracking:** Detects human movement, sends real-time alerts, and automatically tracks intruders.
- **Two-Way Audio:** Built-in microphone and speaker for communication via the mobile app.
- **IP66 Waterproof:** Designed to withstand various weather conditions for outdoor use.
- **2.4G WiFi Connectivity:** Supports 2.4GHz WiFi for stable wireless connection. (Does not support 5GHz WiFi).
- **SD/Cloud Storage:** Supports Micro SD card storage (up to 128GB, not included) and cloud storage options.
- **App Compatibility:** Compatible with "iCSee" and "Alexa" apps for mobile control and viewing.

PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present:

- SOVMIKU WiFi Security Camera
- Power Adapter

- Mounting Screws and Anchors
- User Manual (this document)
- Waterproof Kit for Network Port (if applicable)

SETUP GUIDE

1. Physical Installation

The camera is designed for outdoor use and can be wall-mounted. Ensure the installation location has a stable 2.4GHz WiFi signal and a power outlet nearby. The camera requires continuous power supply.





Image: Front view of the SOVMIKU WiFi Security Camera, showing its dome shape and dual antennas.

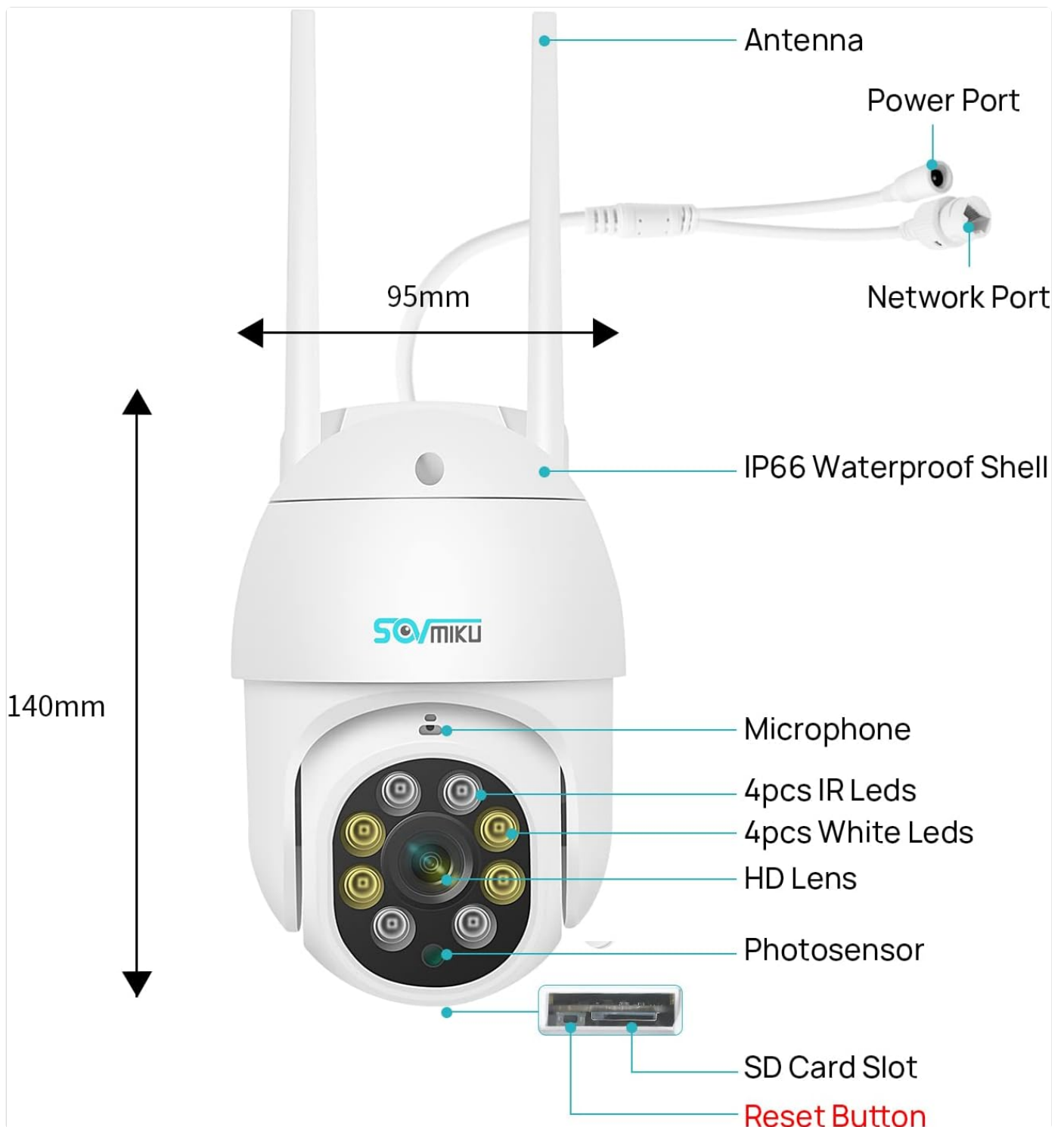


Image: Diagram showing the camera's dimensions, antennas, power port, network port, microphone, IR LEDs, white LEDs, HD lens, photosensor, SD card slot, and reset button.

1. Choose a suitable mounting location, preferably under an overhang to provide some protection from direct elements, though the camera is IP66 rated.
2. Use the provided mounting template (if included) or mark the drill holes based on the camera's base.
3. Drill holes and insert wall anchors if mounting on masonry or drywall.
4. Secure the camera base to the wall using the provided screws.
5. Connect the power adapter to the camera's power port. Ensure the connection is secure and protected from moisture.
6. If using a wired connection, connect an Ethernet cable to the network port.

2. App Installation and Initial Setup

The camera primarily uses the "iCSee" app for setup and control. It also supports Alexa integration.

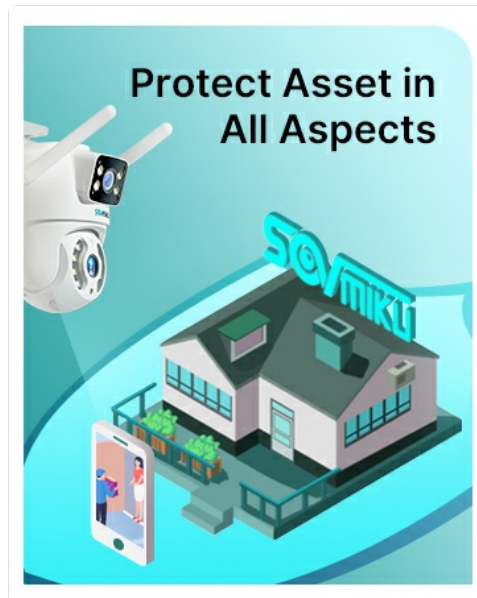


Image: A smartphone screen showing the iCSee app icon, indicating where to download the application.

1. Download the "iCSee" app from Google Play Store (for Android) or Apple App Store (for iOS).
2. Register for an account or log in if you already have one.
3. Power on the camera. Wait for the camera to initialize (it may emit a voice prompt).
4. In the iCSee app, tap the "+" icon to add a new device.
5. Follow the on-screen instructions to connect the camera to your 2.4GHz WiFi network. This usually involves scanning a QR code displayed on your phone with the camera or entering WiFi credentials.
6. Once connected, you can name your camera and begin live viewing.

For PC/Laptop viewing, VMS Software is available for Windows/MAC systems. Contact SOVMIKU support for details.



Image: An illustration explaining why the camera only supports 2.4GHz WiFi, highlighting its larger coverage area compared to 5GHz WiFi.

Note on WiFi: This camera only supports 2.4GHz WiFi. 2.4GHz WiFi offers a larger coverage area, which is generally more suitable for security cameras that might be installed further from the router.

OPERATING INSTRUCTIONS

1. Pan and Tilt Control

Use the iCSee app to remotely control the camera's pan (horizontal) and tilt (vertical) movements to monitor different areas.



Image: A visual representation of the camera's 355° horizontal pan and 90° vertical tilt capabilities, controlled via a mobile app interface.

- Open the iCSee app and select your camera.
- Use the directional controls within the app to move the camera lens.
- The camera offers 320° horizontal rotation and 90° vertical rotation.



Image: An outdoor scene with a house and driveway, illustrating how to set "Home Point" and "Preset" locations for quick camera navigation.

You can set preset points in the app for quick navigation to frequently monitored areas.

2. Motion Detection and Auto Tracking

The camera can detect motion and human shapes, sending alerts and automatically tracking subjects.



Image: A sequence showing a person walking, with the camera's spotlight activating and the mobile app receiving a push notification for motion detection and auto-tracking.

- In the iCSee app settings, navigate to "Alarm Settings" or "Detection Settings".
- Enable "Motion Detection" and "Humanoid Detection".
- Adjust sensitivity levels (low/medium/high) as needed.
- Enable "Auto Track" to have the camera follow detected human movement.
- Customize alarm sounds and push notification settings.

Your browser does not support the video tag.

Video: Demonstration of the camera's auto-tracking feature, showing it following a person's movement.

3. Night Vision Modes

The camera offers different night vision modes for optimal visibility in low-light conditions.



Full Color Night Vision

Still clear at night

50ft full color night vision distance

4pcs infrared Leds
4pcs white lamps



Infrared Night Vision



Full Color Night Vision

Image: Comparison of infrared night vision (black and white) and full-color night vision, highlighting the camera's ability to provide clear color images at night using its built-in lights.





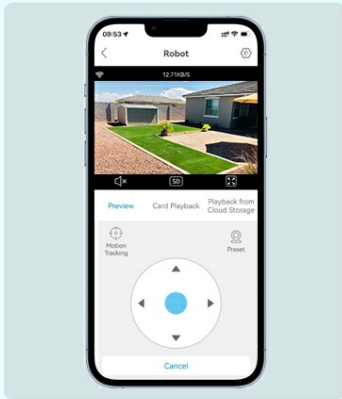


Image: Visual representation of three night vision modes: Infrared Mode (monochrome), Color Mode (full color with floodlights), and Double Light Alert (flashing lights upon detection).

- **Infrared Mode:** Standard black and white night vision using IR LEDs.
- **Color Mode:** Activates built-in floodlights to provide full-color video even in complete darkness.
- **Double Light Alert:** Combines IR and white light, often flashing the white lights upon detection to deter intruders.
- Switch between modes in the app's video settings.

4. Two-Way Audio

Communicate with visitors or deter intruders using the camera's built-in microphone and speaker.

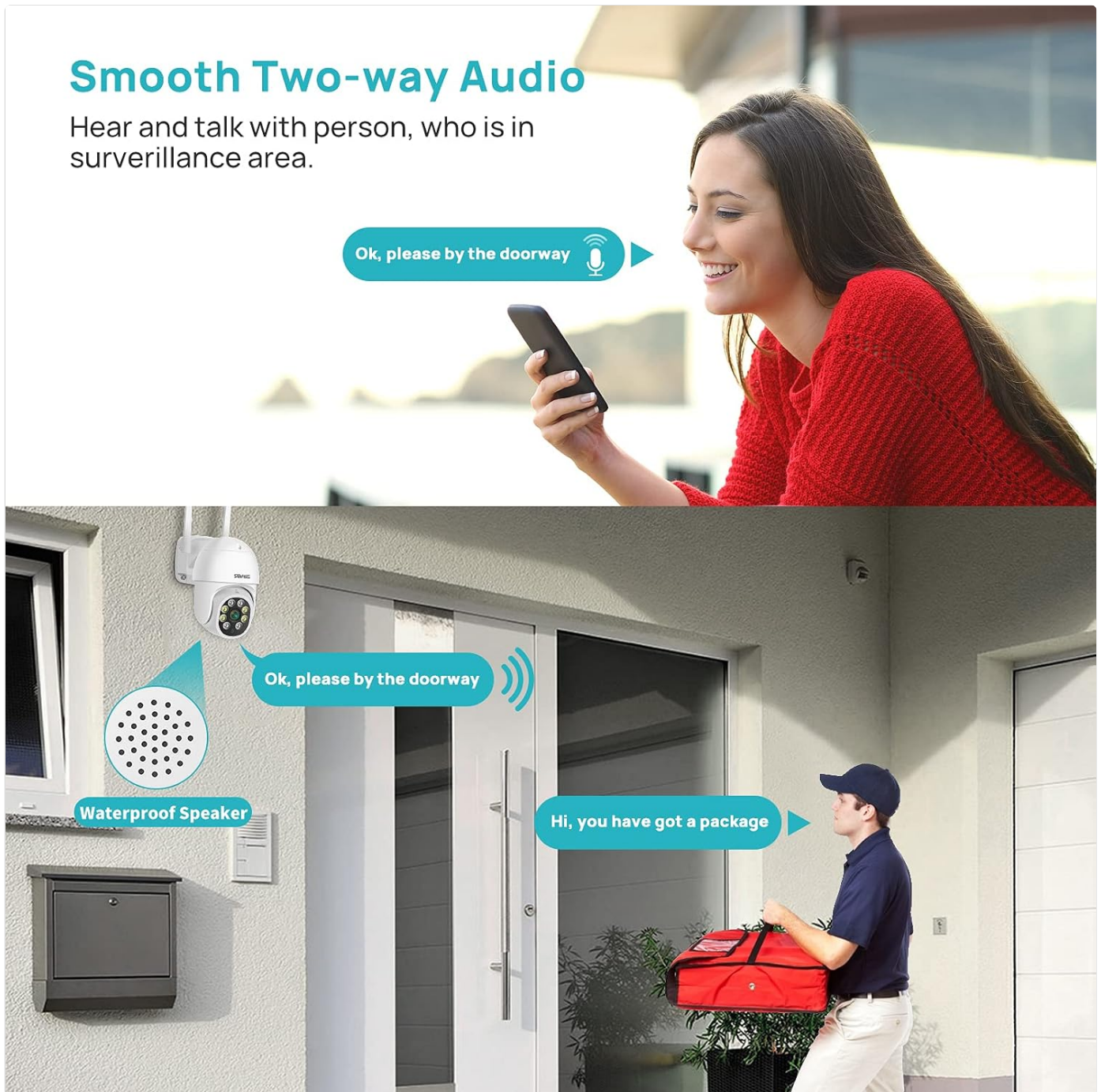


Image: A depiction of the two-way audio function, showing a person speaking into their phone and a delivery person hearing the message through the camera's speaker.

- While viewing live feed in the iCSee app, tap the microphone icon to speak.
- Ensure your phone's microphone is enabled for the app.

- The camera's speaker will broadcast your voice.

5. Video Storage

The camera supports local storage via Micro SD card and cloud storage options.



Image: Icons representing Micro SD storage and Cloud storage, indicating the camera's recording options.

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera. The camera supports 24/7 continuous recording or event-triggered recording.
- **Cloud Storage:** Access cloud storage options through the iCSee app. A free 30-day trial (3-day cycle) may be available.
- Review recorded footage via the "Playback" section in the app.

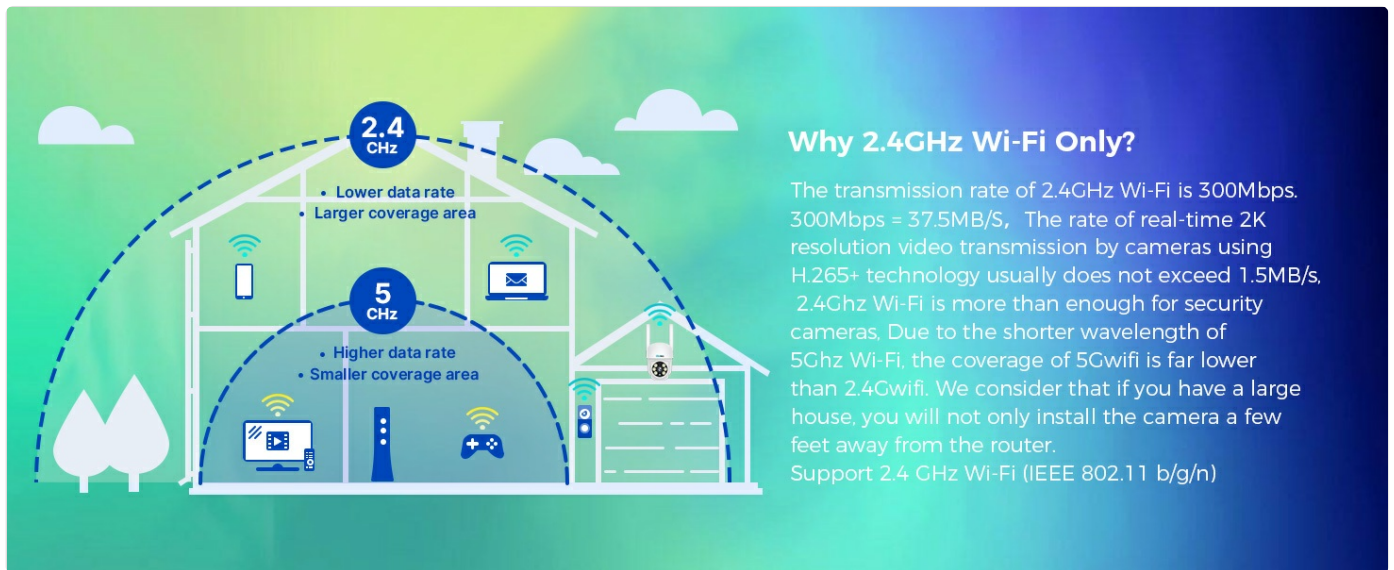


Image: A comparison chart showing H.265X video compression occupying 45% storage compared to H.264 occupying 90% storage, indicating efficient video encoding.

The camera utilizes H.265X video compression technology, which significantly reduces storage space requirements compared to older H.264 compression, allowing for more recorded footage.

6. Remote Viewing and Alexa Integration

Access your camera feed from anywhere and integrate with smart home systems.



Image: Various devices (Echo Show, tablet, laptop, smartphone) displaying the camera's live feed, demonstrating remote viewing capabilities.

- **Remote View:** Once connected to WiFi, you can view the live feed and control the camera from your mobile phone anywhere with an internet connection.
- **Alexa Integration:** Enable the "iCSee" skill in your Alexa app. Link your iCSee account. You can then use voice commands like "Alexa, show me the front yard" to view the camera feed on compatible Alexa devices (e.g., Echo Show).

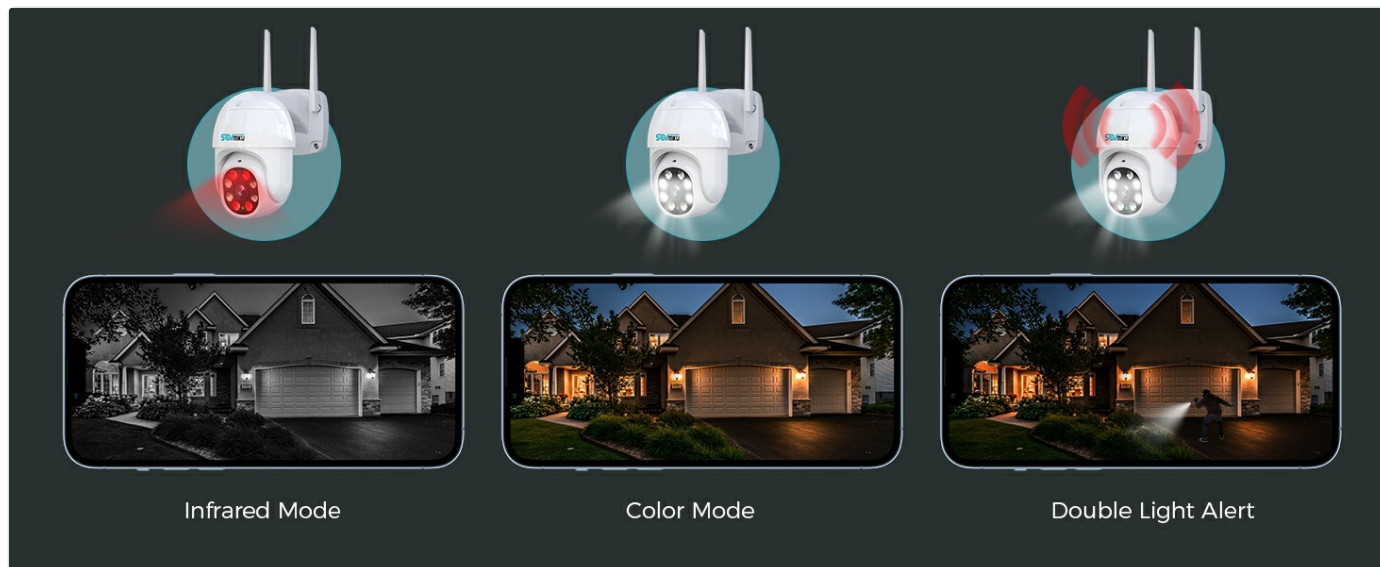


Image: An Echo Show device displaying the camera's live feed of a delivery person, with a speech bubble indicating an Alexa voice command.

MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and body with a soft, damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Check the iCSee app periodically for firmware updates. Keeping the firmware updated ensures optimal performance and security.
- **Power Cycle:** If the camera experiences issues, try power cycling it by unplugging and re-plugging the power adapter.
- **Reset:** If persistent issues occur, locate the reset button (refer to the physical installation diagram) and press and hold it for several seconds until the camera resets. Note that this will revert settings to factory defaults.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline/Cannot connect to WiFi	Incorrect WiFi password; Camera too far from router; 5GHz WiFi network; Network interference.	Verify WiFi password. Move camera closer to router or use a WiFi extender. Ensure you are connecting to a 2.4GHz network. Reduce interference from other devices. Power cycle the camera and router.
Poor image quality	Dirty lens; Low network bandwidth; Insufficient lighting.	Clean the camera lens. Ensure stable and sufficient internet speed. Adjust night vision settings or add external lighting if needed.

Problem	Possible Cause	Solution
Motion detection not working	Detection sensitivity too low; Detection area not set correctly; Obstructions in view.	Increase detection sensitivity in app settings. Verify the detection zone. Clear any obstructions.
Two-way audio not working	Microphone/speaker disabled in app; Volume too low; Network issues.	Check audio settings in the iCSee app. Increase volume. Ensure stable network connection.
SD card not recording	SD card full or corrupted; Incorrect recording settings; SD card not inserted properly.	Format the SD card via the app (this will erase data). Check recording schedule/settings. Reinsert the SD card. Replace if corrupted.

For further assistance, please refer to the "User Friendly" section below or contact SOVMIKU customer support.

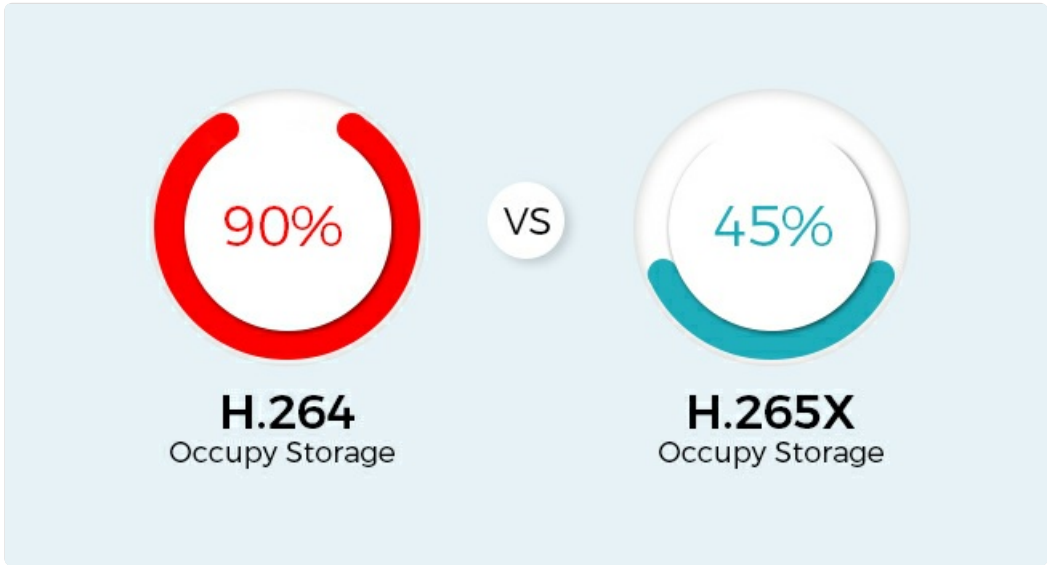


Image: A section titled "User Friendly" showing a QR code to download the "Tris Home" app (which is likely iCSee or a rebranded version) and a list of common FAQs within the app.

Scan the QR code to download the "Tris Home" app (likely iCSee) or visit <https://d.xmeye.net/Czeyeye> for direct download.

SPECIFICATIONS

Feature	Detail
Brand	SOVMIKU
Model Number	SFWHD313
Connectivity Technology	WiFi, Wired
Wireless Communication Technology	Wi-Fi (2.4GHz Only)
Effective Still Resolution	4 MP (2560x1440)
Video Capture Resolution	2.5K (2560x1440)
Pan/Tilt Range	Horizontal 320°, Vertical 90°

Feature	Detail
Night Vision	Full Color Night Vision, Infrared Night Vision
Detection Type	Motion Sensor, Human Detection
Audio	Two-Way Audio
Storage Options	Micro SD Card (up to 128GB), Cloud Storage
International Protection Rating	IP66 (Waterproof)
Power Source	Corded Electric
Item Dimensions (L x W x H)	7 x 5 x 5 inches
Item Weight	1.17 pounds
Indoor/Outdoor Usage	Outdoor

WARRANTY AND SUPPORT

SOVMIKU offers comprehensive support for your product:

- **1-Year Maintenance Period:** Enjoy replacement or repair services within one year of purchase.
- **60-Day Unconditional Returns and Exchanges:** For your peace of mind.
- **24-Hour After-Sales Service Response:** Prompt assistance for any inquiries.
- **Lifetime Tech Support:** Dedicated technical support for the lifespan of your product.

For any questions or support needs, please contact SOVMIKU customer service. Contact information can typically be found on the product packaging or the official SOVMIKU website.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question