SOVMIKU SFWK-10V-4HD313-1T

SOVMIKU WiFi Security Camera System User Manual

Model: SFWK-10V-4HD313-1T

Brand: SOVMIKU

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your SOVMIKU WiFi Security Camera System. This comprehensive system includes a 10-inch LCD monitor, an 8-channel Network Video Recorder (NVR), and four 3MP Pan-Tilt (PT) outdoor dome cameras. Designed for robust surveillance, it features AI human detection, color night vision, two-way audio communication, and continuous 24/7 recording with a pre-installed 1TB hard drive. Please read this manual thoroughly before setup and operation to ensure optimal performance and security.

2. What's in the Box?

Verify that all components listed below are included in your package:

- 1 x 10-inch LCD NVR Monitor
- 4 x Dome Security Cameras
- 1 x HDMI Cable
- 4 x Power Cords for Security Cameras
- 1 x Mouse
- 1 x Ethernet Cable
- 2 x Warning Stickers
- Screws for installation
- 1 x User Manual (this document)
- 1 x 1TB HDD (Pre-installed in NVR)



Image: Complete SOVMIKU WiFi Security Camera System package contents.

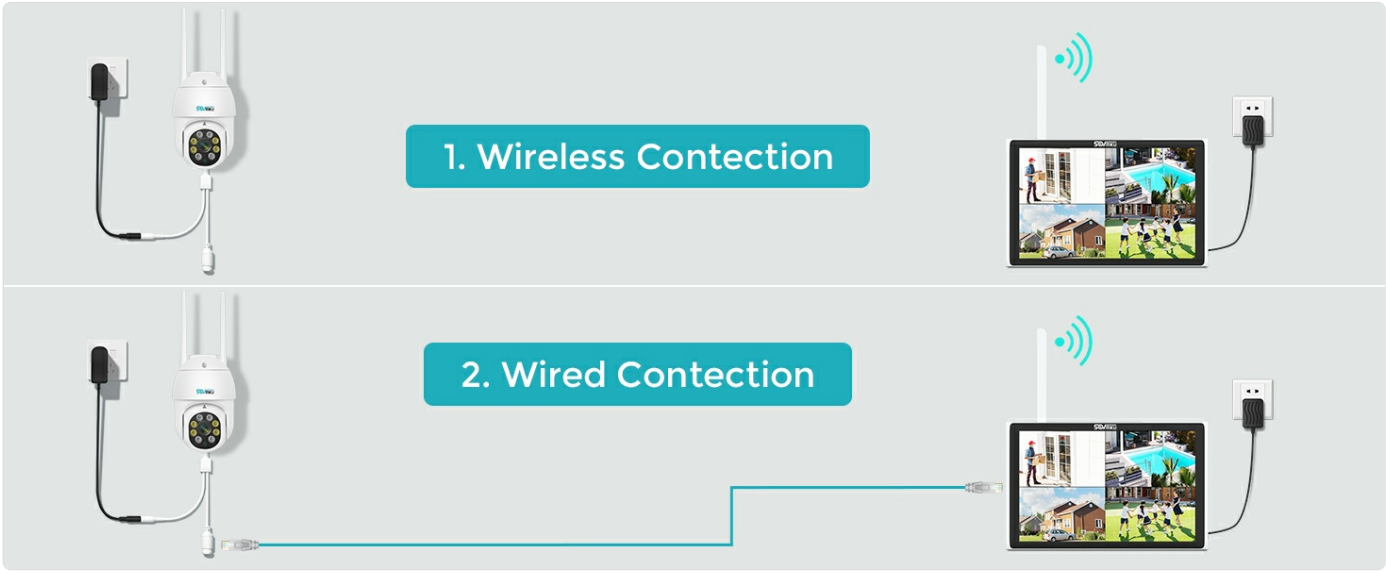


Image: Visual representation of all items included in the package.

3. Specifications

Feature	Detail
Brand	SOVMIKU
Model Name	SFWK-10V-4HD313-1T
Compatible Devices	Personal Computers, Laptop, Tablet, Smartphone
Power Source	Corded Electric
Connectivity Protocol	Wi-Fi
Controller Type	Amazon Alexa
Mounting Type	Wall Mount
Video Capture Resolution	3MP (1536p, 1520p)
Number of Channels	8
Wireless Communication Technology	2.4G Wi-Fi Only
Viewing Angle	120 Degrees
Night Vision Range	65 Feet (with Starlight Sensor)
Item Dimensions L x W x H	9.45 x 7.87 x 6.3 inches
Item Weight	7.24 pounds
International Protection Rating	IP66 (Waterproof)
Control Method	App
Video Compression	H.265+
Storage	1TB Hard Drive (Pre-installed)

4. Setup Guide

4.1 Initial System Connection

1. Unpack all components from the box.
2. Connect the power adapters to each of the four dome cameras and plug them into power outlets.
3. Connect the NVR monitor to its power adapter and plug it into a power outlet.
4. The cameras and NVR are auto-paired from the factory, meaning they should connect wirelessly upon powering on.
5. For initial setup and control, connect the included mouse to the NVR's USB port.



Image: Auto-Pair & Plug-Play setup for the system.

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Video: An overview of the Sovmiku Wireless PTZ Security Camera System, demonstrating its components and basic functionality.

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Video: An unboxing video of the PTZ camera system, showing the contents and initial setup steps.

4.2 Network Connection & Mobile App Setup

1. Connect the NVR box to your WiFi router using the provided Ethernet cable. This is essential for remote viewing and app functionality.
2. On the NVR monitor, navigate to the Main Menu -> Network. Ensure "DHCP Enable" is checked and apply settings.
3. To get the device's QR code for app setup, move the mouse to the middle top of the real-time preview interface on the NVR monitor.
4. Download the "Tris Home" app from your mobile device's app store (available for Android & iOS). You can also scan the QR code on the NVR monitor or visit https://d.xmeye.net/Czeye.

5. Register and log in to the app using your mobile number or email.
6. Click the "+" sign in the upper right corner of the main page, then select "NVR KIT".
7. Follow the on-screen instructions. Aim the scanning frame at the QR code displayed on the NVR monitor. If the QR code disappears, use the mouse to move it directly above the NVR again.
8. Once successfully added, click "Add device" and then click the camera page to enter and live view the video.
9. **Important:** If you've set a password on your NVR system, you must update this password on the app to view. Log out of the NVR system first (Right click on mouse -> Log out -> Log out again). Then, when prompted on the app, enter the username (default is admin) and password (no password by default initially).

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Video: Guide on setting up remote viewing via the "Tris Home" app, including QR code scanning and login.



Image: Auto WiFi Relay feature for extended signal range.

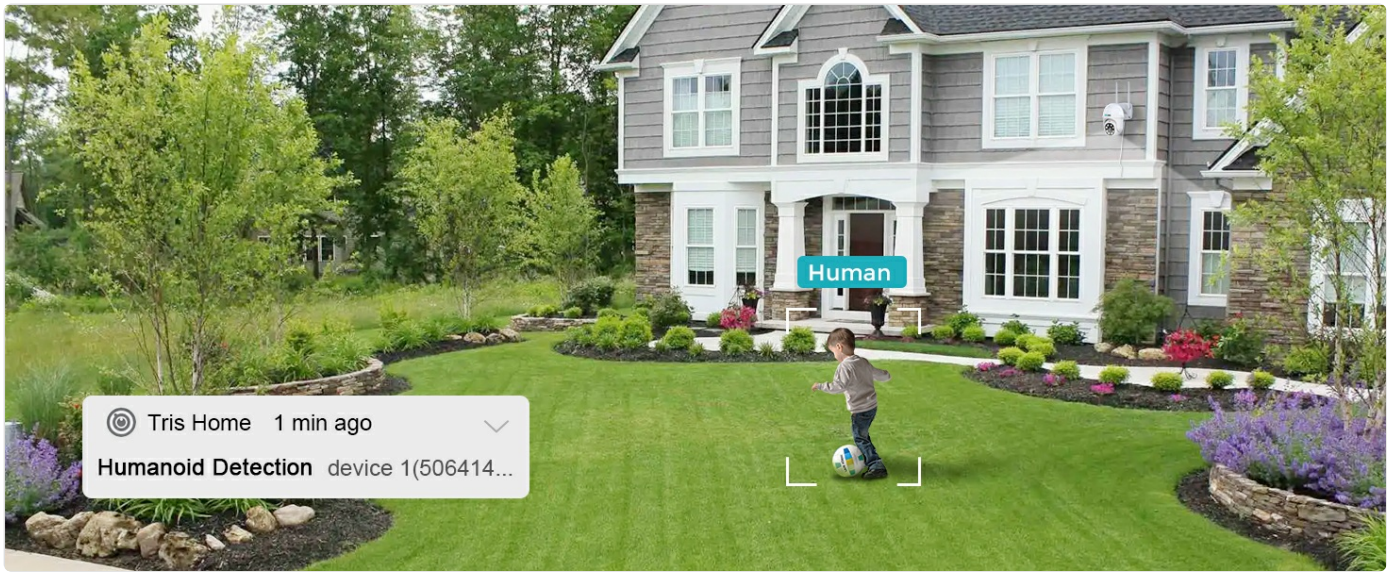


Image: Explanation of 2.4GHz WiFi for long-range coverage.



Image: Wireless vs. Wired connection options.

5. Operating Instructions

5.1 PTZ Control & Auto Tracking

The PTZ (Pan-Tilt-Zoom) cameras offer extensive coverage with 355° pan and 90° tilt capabilities. You can control camera movement directly from the NVR monitor using the mouse or remotely via the "Tris Home" app.

- **Manual Control:** Use the PTZ control interface on the NVR or app to manually adjust the camera's viewing angle.
- **AI Human Detection & Auto Tracking:** Enable humanoid detection to minimize false alerts from animals or shadows. When a person is detected, the camera will automatically track their movement, sound an alarm, and activate floodlights.
- **Customized Detection Area:** Define specific areas for motion detection to focus surveillance on critical zones.
- **Daemon Position:** Set a default "daemon position" for the camera. After tracking a person, the camera will return to this preset position after a specified time (e.g., 10 seconds).



Image: PTZ camera with 355° Pan and 90° Tilt.

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Video: Demonstration of the camera's pan and tilt functionality, showing how it can be controlled to cover a wide area.

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Video: Shows the auto-tracking feature where the camera follows detected human movement.



Image: Humanoid & Motion Detection with Light Alarm.



Image: Customized Detection Area.

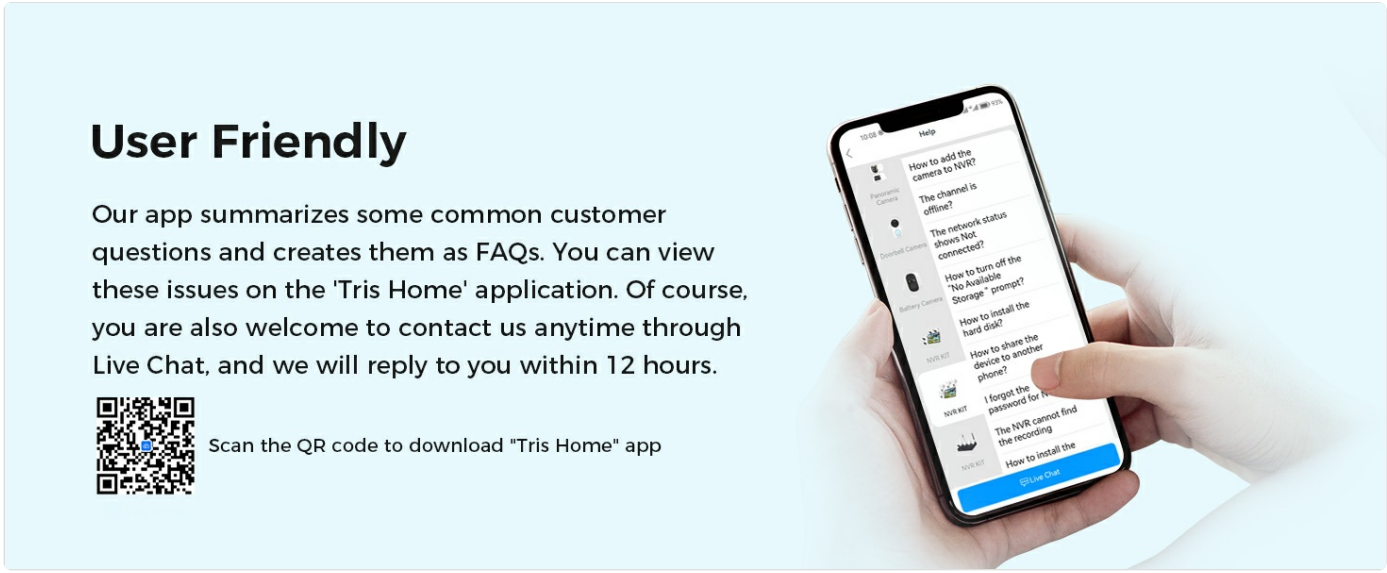


Image: Humanoid Detection and app notification.

5.2 Night Vision Modes

The cameras offer versatile night vision options:

- **Color Night Vision:** Utilizes 4 white LEDs to provide full-color video even in low-light conditions, allowing for clearer identification.
- **Infrared Night Vision:** Uses 4 infrared LEDs for clear black-and-white video up to 65 feet in complete darkness.

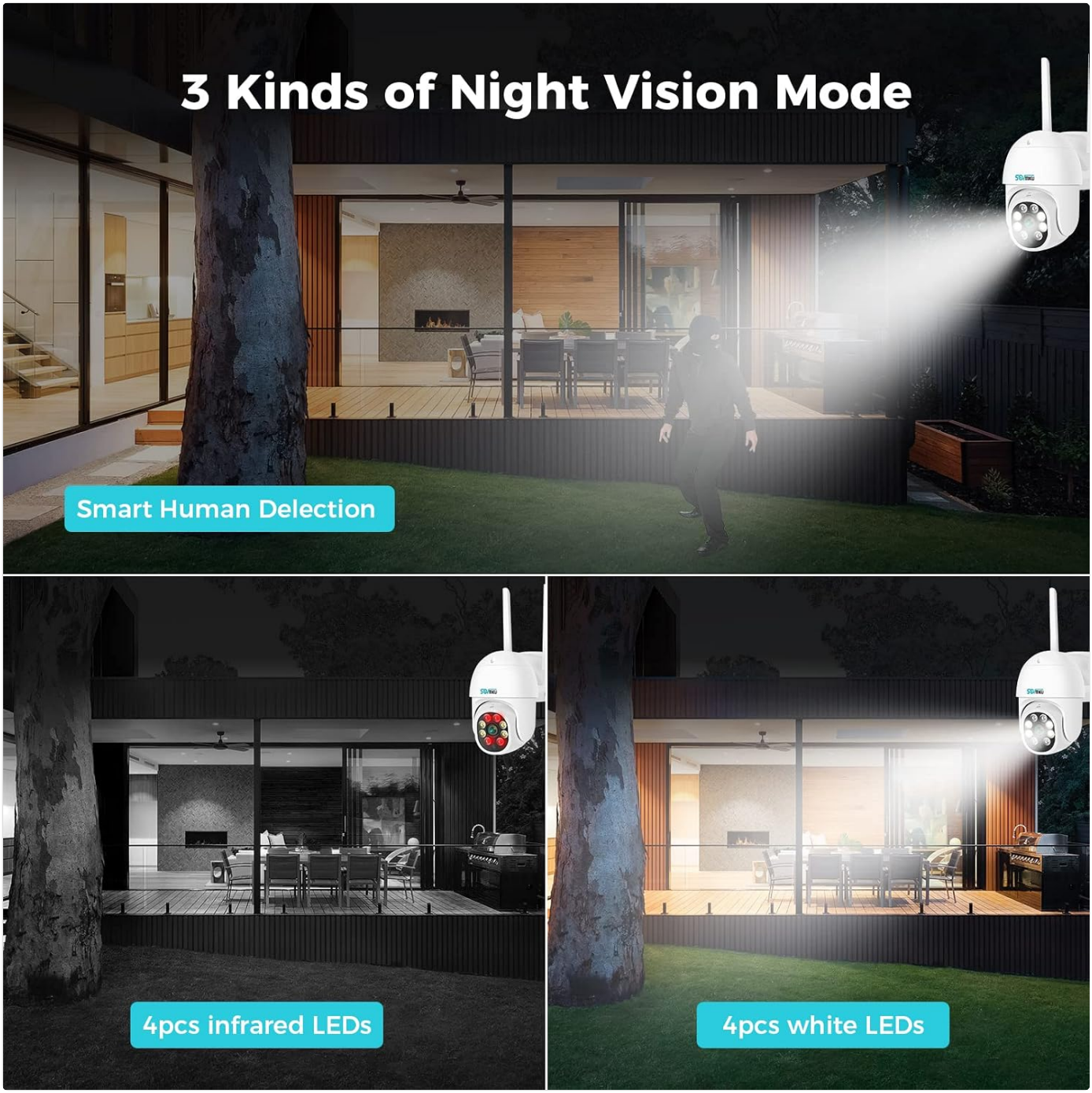


Image: Three kinds of night vision modes.

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Video: Demonstrates the ability to switch between color night vision and black and white night vision modes.

5.3 Two-Way Audio

The integrated two-way audio function allows you to communicate with individuals within the camera's monitoring range. This is useful for interacting with delivery personnel or deterring intruders.



Image: Two-Way Audio communication.

5.4 Recording & Storage

The NVR comes with a pre-installed 1TB hard drive, supporting 24/7 continuous loop recording for over 45 days. The system utilizes H.265+ video compression technology, which doubles the data compression ratio compared to H.264, saving up to 50% of storage space while maintaining high video quality.

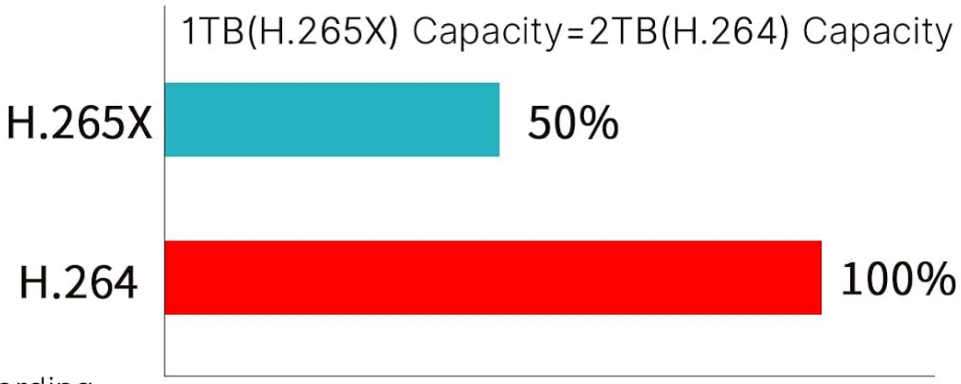


Image: Pre-installed 1TB Hard Drive for 24/7 Recording.

H.265X compression technology, video storage



30 days 4 cameras recording



The same videos occupies the data capacity

Support Multi-devices

Android iOS Windows



Image: H.265X Compression Technology for Video Storage.



Image: H.265+ Video Compression with 1TB Hard Drive.

5.5 Remote Viewing & Sharing

Access live video and playback recordings remotely from anywhere using your smartphone, tablet, or computer. The system supports Android, iOS, Windows, and MAC OS. You can also share access to the security cameras with family members.

- **Mobile App:** Download the "Tris Home" app for remote viewing on Android and iOS devices.
- **PC Software:** Download VMS software for remote viewing on Windows and MAC OS computers.
- **Family Sharing:** Easily share camera access with trusted family members.
- **Alexa Compatibility:** The "Tris Home" app is compatible with Amazon Alexa, allowing voice control for viewing camera feeds.



Image: Support for Multi-devices.

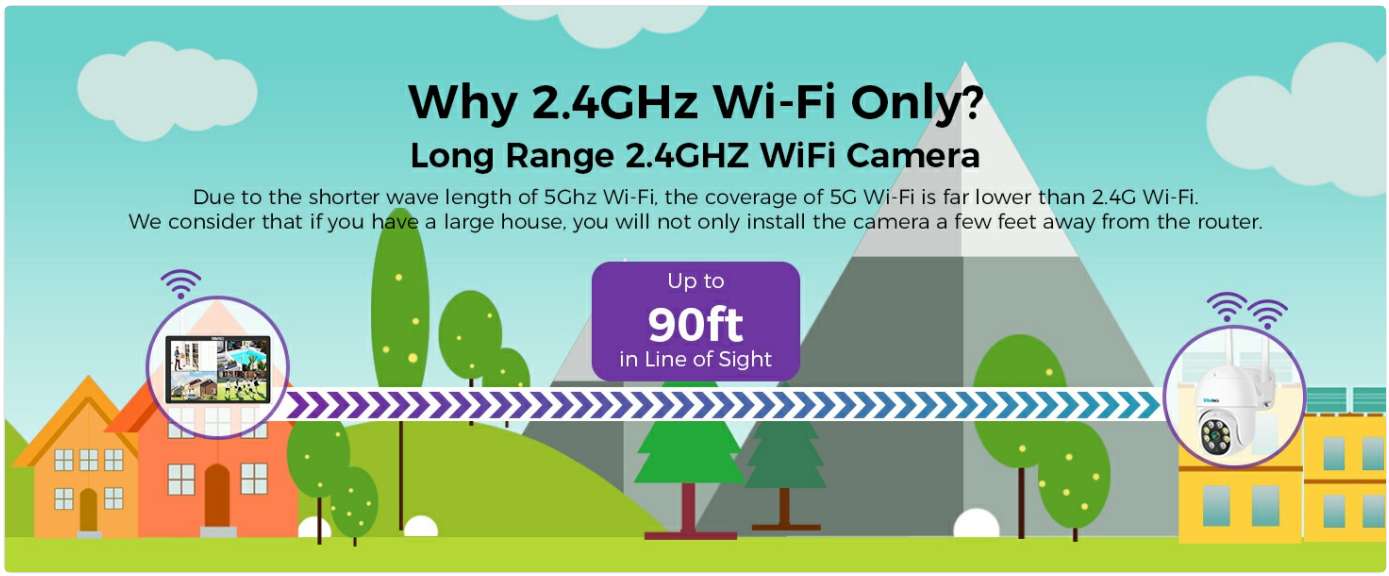


Image: Share Happy Moments with Your Family.

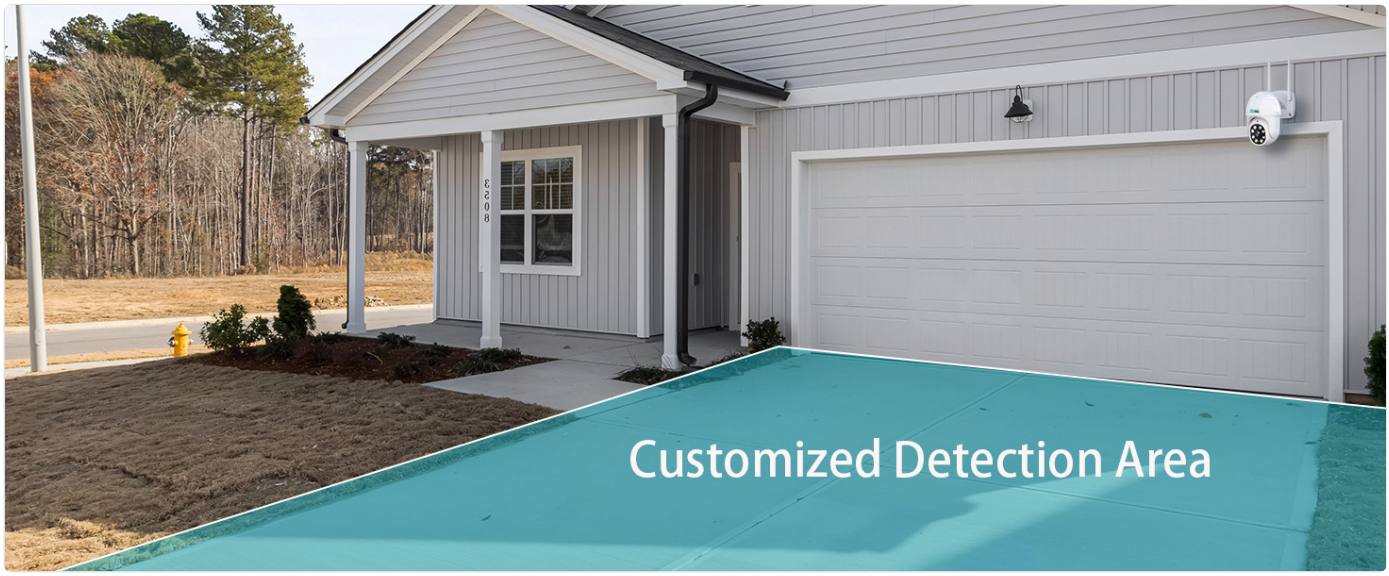


Image: Alexa Integration for voice control.

6. Maintenance

6.1 Weather Resistance

The outdoor cameras are rated IP66 waterproof, ensuring reliable operation in various weather conditions, including sun, rain, cold, and dust. They are designed to withstand temperatures from -25°C to 50°C (-13°F to 122°F).



Image: IP66 Waterproof rating.

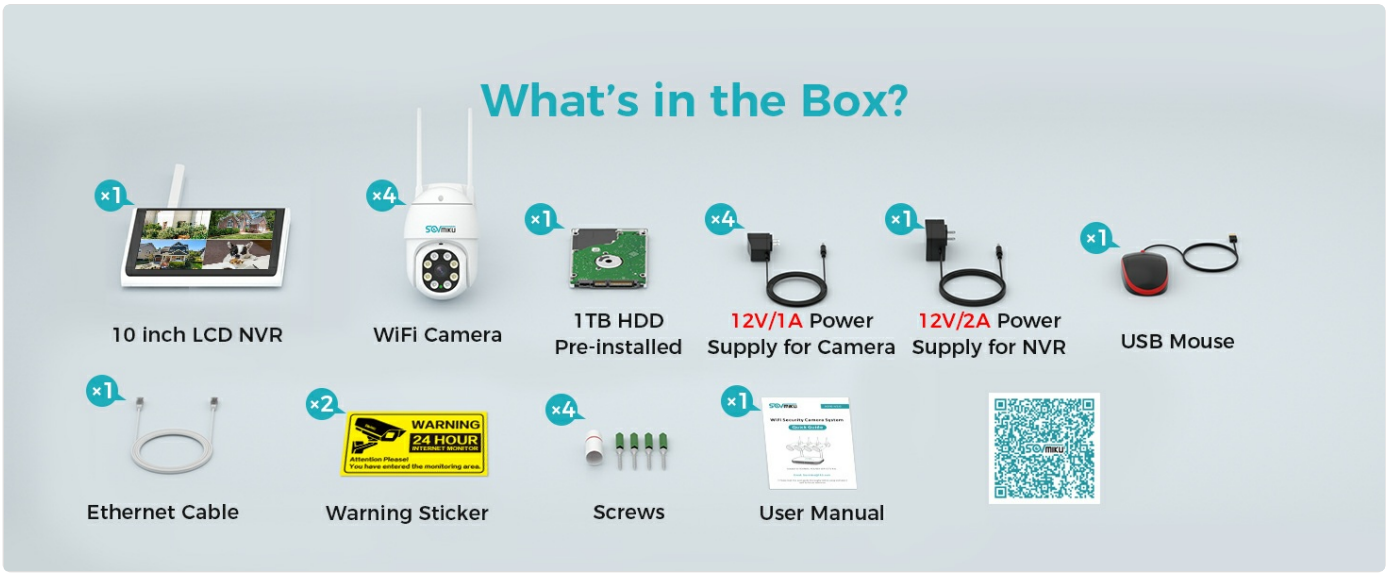


Image: Operating temperature range.

6.2 Hard Drive Management

The 1TB hard drive is pre-installed and supports continuous recording. For video playback and backup, you can remotely view playback through the mobile app or easily download recording files for USB backup.

7. Troubleshooting

If you encounter any issues with your SOVMIKU WiFi Security Camera System, please refer to the following resources:

- **"Tris Home" App FAQ:** The app summarizes common customer questions and provides solutions in its FAQ section.
- **Live Chat Support:** You can contact SOVMIKU support anytime through the Live Chat feature within the "Tris Home" application. Responses are typically provided within 24 hours.



Image: User-friendly app with FAQ and Live Chat.

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Video: A short video addressing a common question about needing a password to add the system camera to the phone app.

8. Warranty and Support

SOVMIKU provides a 1-year limited maintenance warranty and lifetime technical support for your WiFi Camera System. For any questions or assistance during use, please do not hesitate to contact us. We commit to replying to all emails and messages within 24 hours. Unconditional returns and exchanges are agreed upon within 3 months of purchase.

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