

SOVMIKU SFPK-10V-2HB905-1T

Sovmiku 5MP PoE Wired Security Camera System User Manual

Model: SFPK-10V-2HB905-1T

Brand: SOVMIKU

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Sovmiku 5MP PoE Wired Security Camera System. Please read this manual thoroughly before using the product to ensure proper and safe operation. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1. System Components

The Sovmiku 5MP PoE Wired Security Camera System includes the following main components:

- 10-inch NVR (Network Video Recorder) Unit with integrated monitor and 1TB HDD
- 5MP PoE Wired Cameras (2 units)
- Power Adapter for NVR
- LAN Cables (for camera connection)
- HDMI Cable
- USB Mouse
- Mounting Screws and Wall Plugs
- User Manual

パッケージ同梱物



モニター付きNVR本体
(1TB HDD 内蔵)



500万IP66防水カメラ



PSE規格DVR本体用電源



ランケーブル (カメラ接続用)



HDMIケーブル



マウス



ランケーブル (1メートル)



日本語取扱説明書



カメラ固定用部品+ステッカー

Figure 2.1: Package Contents

2.2. Key Features

- **5MP High-Resolution Cameras:** Provides clear and detailed video footage.
- **10-inch NVR with Integrated Monitor:** Allows for real-time viewing and playback directly on the unit.
- **1TB Pre-installed HDD:** Supports up to 45 days of continuous recording with two cameras.
- **PoE (Power over Ethernet) Connectivity:** Cameras receive power and transmit data via a single LAN cable, simplifying installation. Supports up to 80m cable length.
- **IP66 Weatherproof Cameras:** Suitable for both indoor and outdoor use, resistant to dust and water.
- **Human Detection & Smart Light Warning:** Automatically detects human motion and can trigger a strong light warning at night to deter intruders.
- **Two-Way Audio:** Built-in microphone and speaker on cameras allow for remote communication via the mobile app.
- **H.265 Compression Technology:** Efficiently compresses video files to maximize storage space.
- **Multiple Recording Modes:** Supports continuous recording, motion detection recording, and scheduled recording.
- **Local Viewing Capability:** The NVR can operate and display video without an internet connection.

- **Remote Monitoring:** Access live view and playback from anywhere via smartphone app or PC (requires internet connection).



Figure 2.2: 5MP Resolution Clarity



IP66防水
-25°から50°までの温度に対応可能

			
晴れ	雨	雪	曇り

どんな天気でも対応可能

Figure 2.3: IP66 Weather Resistance

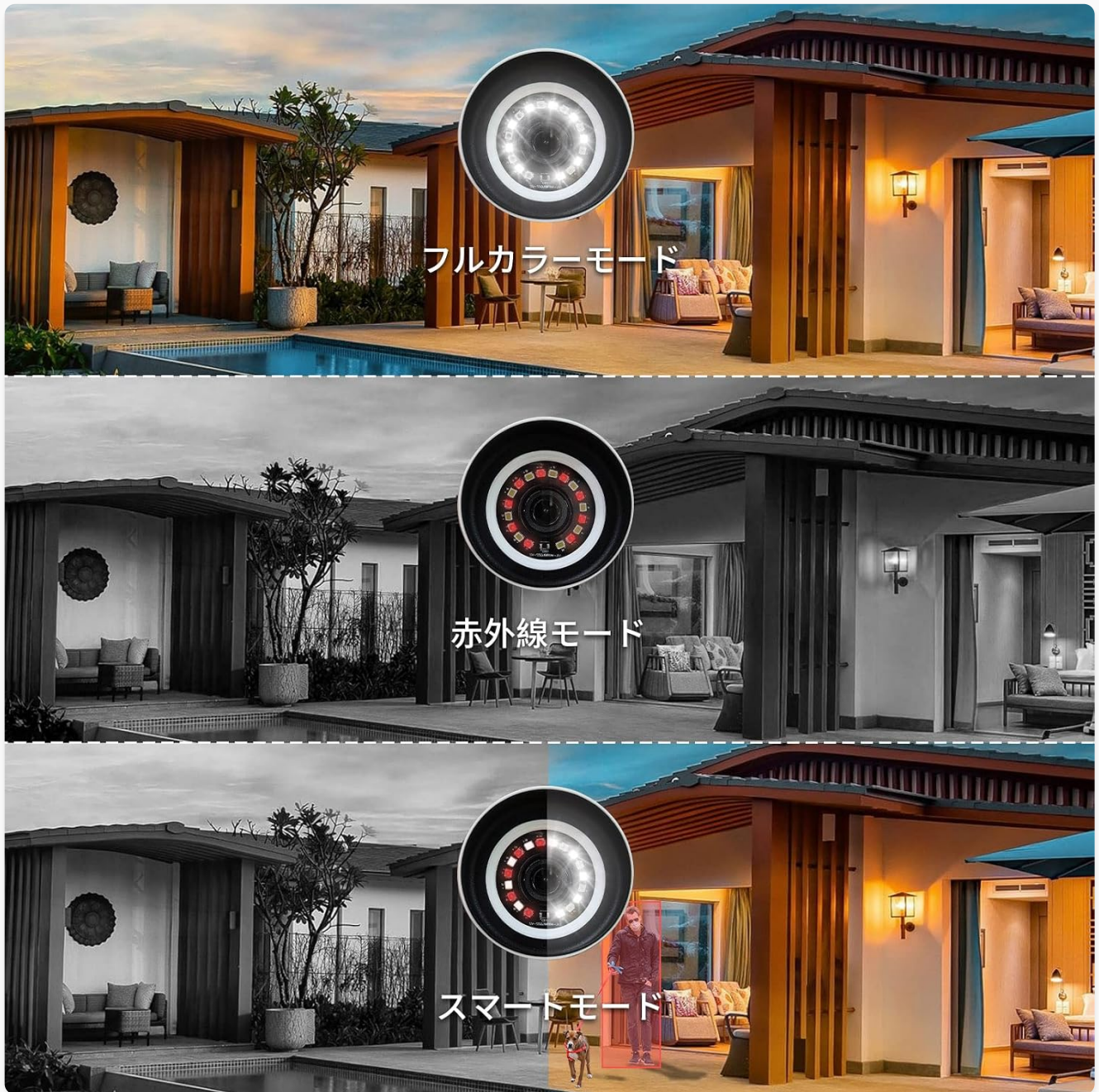


Figure 2.4: Night Vision Modes

3. SETUP GUIDE

3.1. Unpacking and Initial Inspection

Carefully unpack all components and verify that all items listed in Section 2.1 are present and undamaged. If any items are missing or damaged, please contact customer support immediately.

3.2. NVR Setup

1. Place the NVR unit on a stable, flat surface in a well-ventilated area, away from direct sunlight, heat sources, and moisture.
2. Connect the included power adapter to the NVR's power input and then to a power outlet.
3. Connect the USB mouse to one of the USB ports on the NVR.
4. If you wish to view the footage on a larger display, connect an HDMI cable from the NVR's HDMI output to your TV or external monitor's HDMI input.

3.3. Camera Installation

1. Choose suitable locations for your cameras. Consider areas that provide a clear view of the desired monitoring area and are within reach of the LAN cables. The cameras are IP66 weatherproof, suitable for outdoor installation.
2. Mount the cameras securely using the provided screws and wall plugs. Ensure the mounting surface is strong enough to support the camera's weight.
3. Connect one end of the LAN cable to the camera's PoE port and the other end to an available PoE port on the NVR unit. The camera will power on automatically.
4. Adjust the camera's angle to cover the desired area.



Figure 3.1: System Connection Diagram

3.4. Network Connection (Optional for Remote Viewing)

While the NVR can operate without an internet connection for local viewing, an internet connection is required for remote monitoring via the mobile app or PC software.

1. Connect a LAN cable from your router to the NVR's LAN port.

2. Ensure your router has an active internet connection.

4. OPERATING INSTRUCTIONS

4.1. Initial Power-On and System Access

After connecting all components, power on the NVR. The system will boot up, and live camera feeds should appear on the integrated monitor or connected external display. The system is pre-configured for continuous recording, so it will start recording immediately.

4.2. Basic NVR Operations

Use the USB mouse to navigate the NVR interface:

- **Live View:** Displays real-time video from all connected cameras.
- **Playback:** Access recorded footage. Select the date and time to review past events.
- **Recording Settings:** Configure recording modes (continuous, motion detection, scheduled) and video quality.
- **System Settings:** Adjust date/time, network settings, user accounts, and other system parameters.

4.3. Motion Detection and Alarm Notifications

The system features advanced human detection. When human motion is detected, the system can:

- Trigger a strong light warning from the camera at night.
- Send push notifications to your mobile app.
- Activate the NVR's built-in buzzer.

These settings can be configured in the NVR's menu.

移動検知、アラーム警報通知

お宅、工場で使用可能です。



光り警報



アラーム通知



カメラ専用アプリ

監視エリアにご注意ください。



ESEECLOUD

2件の通知

今



Figure 4.1: Motion Detection and Alarm



発光威嚇

NVR本体でスマートモードに設置すれば、移動する物体が検知された途端、自動的に発光威嚇します。

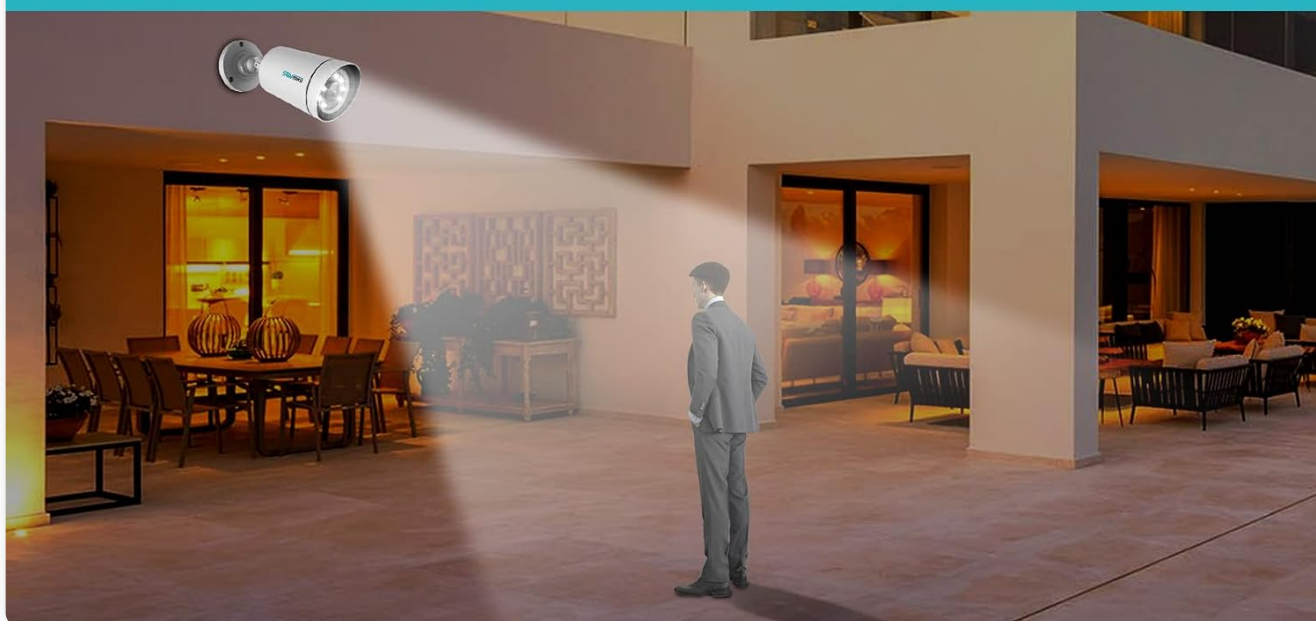


Figure 4.2: Light Warning in Smart Mode

4.4. Two-Way Audio

The cameras are equipped with a microphone and speaker, enabling two-way audio communication. This feature is accessible via the mobile application when connected to the internet.

双方向オーディオをクリア

マイクとスピーカーを内蔵しています。
どれくらい歩いても、ドアホンカメラ
ラで簡単に通話できます。

ドアの前に置いてください



Figure 4.3: Two-Way Audio Communication

4.5. Remote Monitoring via App/PC

To access your security system remotely:

1. Ensure your NVR is connected to the internet (refer to Section 3.4).
2. Download the dedicated mobile application (e.g., EseeCloud) from your smartphone's app store or the PC software from the manufacturer's website.
3. Follow the app's instructions to add your NVR device. This typically involves scanning a QR code on the NVR or entering its device ID.
4. Once connected, you can view live feeds, play back recordings, and configure settings from your smartphone or PC.

Your browser does not support the video tag.

Video 4.1: Demonstration of Sovmiku Security Camera System features, including motion detection and app interface.

5. MAINTENANCE

5.1. Regular Cleaning

- Periodically clean the camera lenses and NVR screen with a soft, dry cloth to ensure clear image quality.
- Do not use harsh chemicals or abrasive cleaners.

5.2. Firmware Updates

Check the manufacturer's website periodically for firmware updates. Keeping your system's firmware up-to-date ensures optimal performance, security, and access to new features.

5.3. Hard Disk Management

The 1TB HDD is pre-installed and configured for continuous recording. The system will automatically overwrite the oldest footage when the disk is full. No manual intervention is typically required for routine operation.

6. TROUBLESHOOTING

6.1. No Image on Screen

- Ensure the NVR is powered on and the power adapter is securely connected.
- If using an external monitor, verify the HDMI cable connection and that the monitor is set to the correct input source.
- Check if cameras are properly connected to the NVR's PoE ports.

6.2. Clicking Sound from NVR

It is possible to hear a clicking sound from the NVR unit after installing the camera set. This is not a malfunction but the sound of the hard disk reading and writing data. Reinstalling the hard disk can sometimes improve this situation. For specific instructions on how to reinstall the hard disk, please contact Sovmiku customer support via LINE or email. They can provide detailed operation procedures and explanatory photos.

6.3. Remote Viewing Not Working

- Verify that the NVR is connected to your router and has an active internet connection.
- Ensure your smartphone or PC also has a stable internet connection.
- Check if the device has been correctly added to the mobile app/PC software.
- Confirm that the app has necessary permissions on your mobile device.

6.4. Poor Image Quality

- Clean the camera lenses.
- Ensure there are no obstructions in the camera's field of view.
- Check the recording resolution settings in the NVR menu.

7. SPECIFICATIONS

Feature	Specification
Brand	SOVMIKU

Feature	Specification
Model Number	SFPK-10V-2HB905-1T
Product Dimensions	38 x 20 x 31 cm
Item Weight	4.64 kg
Color	Two-camera set
Included Components	NVR unit, 2 Cameras
Connectivity Technology	Wired (PoE)
Video Capture Resolution	5MP (approx. 2560x1920)
Special Features	IP66 Waterproof, Human Detection, Two-Way Audio, Night Vision
Memory Storage Capacity	1 TB HDD

8. WARRANTY AND SUPPORT

8.1. Warranty Information

This product comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For any questions, technical assistance, or troubleshooting not covered in this manual, please contact Sovmiku customer support. Our professional staff is dedicated to providing thorough and helpful support.

- **Email:** sovmiku_jp@163.com
- **LINE Service:** Scan the QR code below to easily access Sovmiku's official LINE account for product usage, troubleshooting, expansion, and installation consultations.

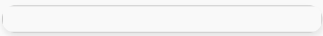


Figure 8.1: Sovmiku LINE Service QR Code

Alternatively, access via this link: https://line.me/ti/p/wsh_rWFDVy

