SOVMIKU SKWK-4HB913

SOVMIKU SKWK-4HB913 WiFi Security Camera System User Manual

Model: SKWK-4HB913

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SOVMIKU SKWK-4HB913 WiFi Security Camera System. This system includes an 8-channel Network Video Recorder (NVR) and 3MP wireless cameras designed for comprehensive surveillance. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 8-Channel NVR (Network Video Recorder) with pre-installed 500GB Hard Drive
- 4 x 3MP Wireless IP Cameras
- Power Adapters for NVR and Cameras
- USB Mouse
- Ethernet Cable
- Mounting Screw Kits
- User Manual
- Warning Stickers

3. PRODUCT OVERVIEW

The SOVMIKU SKWK-4HB913 system offers advanced surveillance features:

- **3MP HD Cameras:** Provides clear 2K/3MP (2288x1288) resolution video for detailed monitoring.
- **8-Channel NVR:** Supports up to 8 cameras, allowing expansion beyond the initial 4 included cameras.
- **Two-Way Audio:** Built-in microphone and speaker on cameras enable real-time communication.
- **Face Detection:** Smart AI technology detects faces in the video feed.

- **IP66 Waterproof:** Cameras are designed for outdoor use, resistant to dust and water.
- **Night Vision:** Automatic infrared night vision for clear monitoring in low-light conditions.
- **H.265+ Video Compression:** Efficiently saves storage space and bandwidth while maintaining video quality.
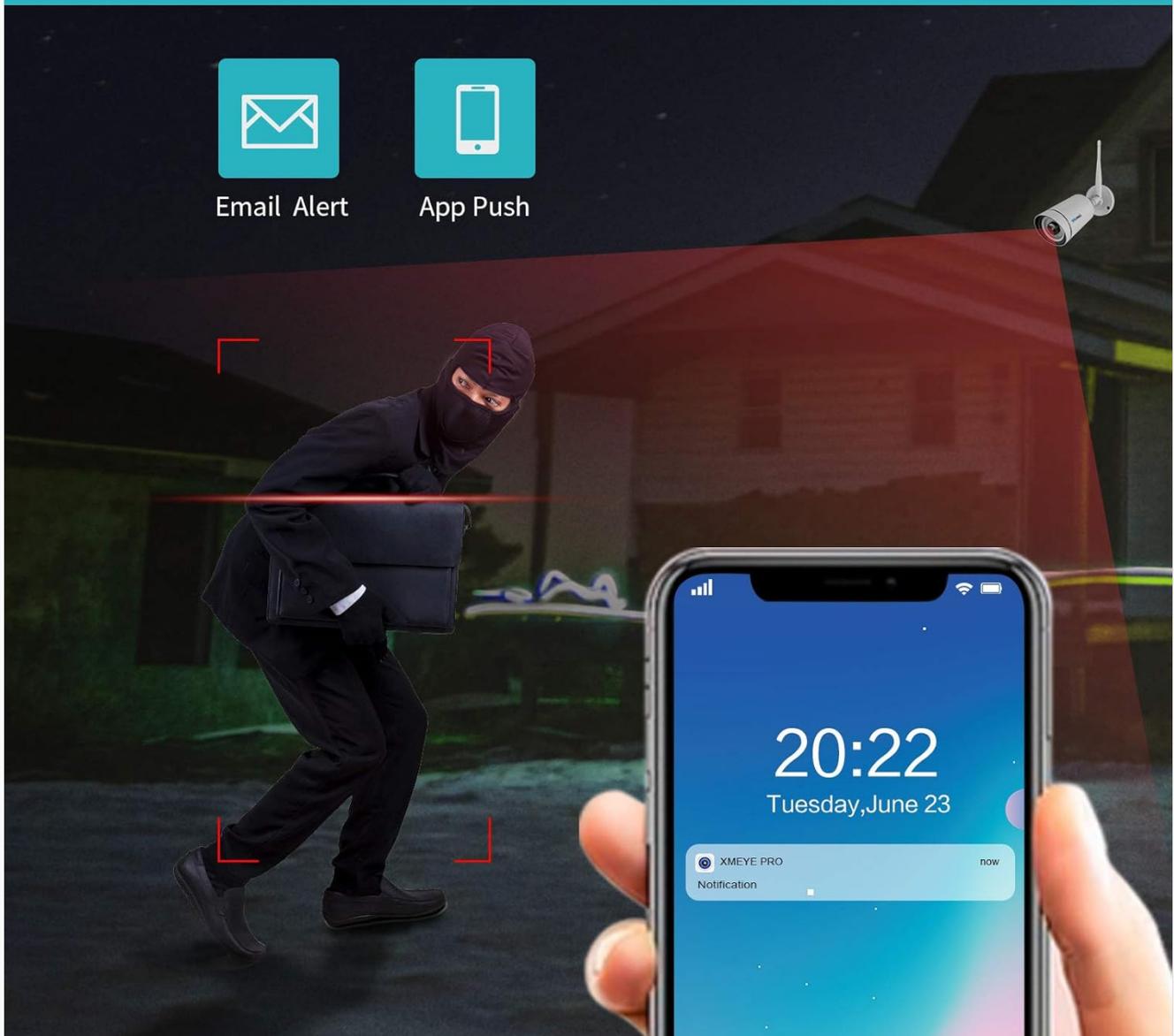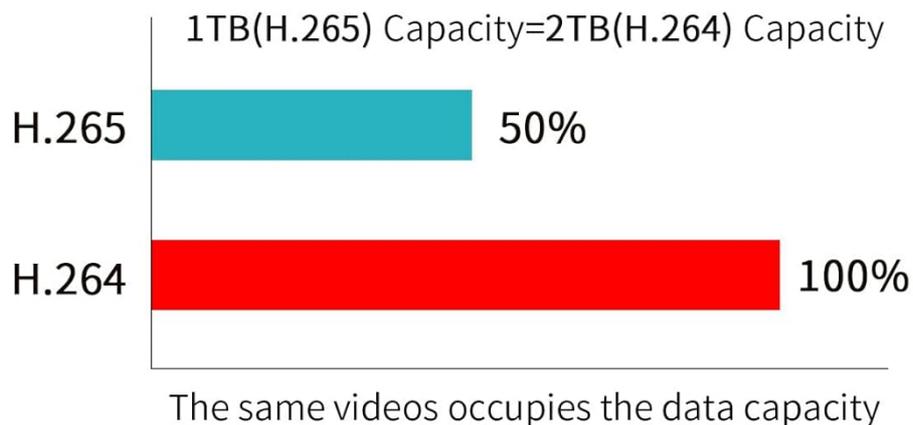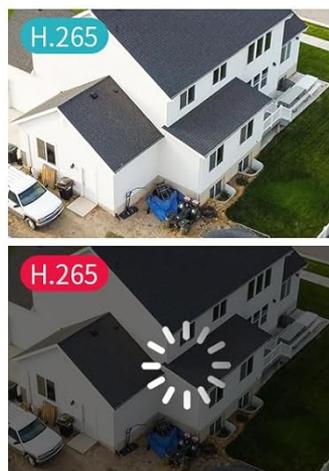- **500GB Hard Drive:** Pre-installed for continuous recording. Expandable up to 6TB.

Figure 3.1: SOVMIKU NVR and four wireless cameras.

Figure 3.2: Close-up of a SOVMIKU 3MP wireless camera.

Figure 3.3: H.265+ video compression and multi-device viewing.

4. SETUP INSTRUCTIONS

Follow these steps to set up your SOVMIKU WiFi Security Camera System:

1. **Power On:** Connect the NVR and all cameras to their respective power adapters and plug them into electrical outlets. The cameras and NVR are pre-paired at the factory for convenience.

2. **Connect NVR to Monitor:** Use a VGA or HDMI cable to connect the NVR to a PC monitor or TV. This is necessary for initial setup and local viewing.

3. **Connect NVR to Router:** For remote access via the mobile app or PC software, connect the NVR's WAN port to your internet router's LAN port using the provided Ethernet cable.

4. **Install Cameras:** Mount the cameras in desired locations. Ensure they are within range of the NVR's WiFi signal. The cameras are IP66 waterproof for outdoor installation.

5. **Mobile App Setup:**

   - Download the free "XMeye Pro" app from Google Play Store (Android) or Apple App Store (iOS).

- Register an account and log in.
- Add your NVR system to the app. You may need to scan a QR code on the NVR or manually enter device details.
- If you have set a password on your NVR system, update your password on the app to view.

6. **PC/Laptop Software Setup:** For Windows/MAC systems, use the "Xmeye Software". Contact customer support for software download links.

Figure 4.1: Example of camera installation.

Auto Pair True Plug and Play

2.4GHz WiFi

2.4GHz WiFi Transmission, the Camera
and NVR are Paired before Shipping.

Expand up to 8 Cameras in total

Figure 4.2: Auto-pairing and system expansion.

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Video 4.1: This video demonstrates the unboxing and initial setup of the SOVMIKU security camera system, highlighting the components and ease of installation.

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Video 4.2: This video provides instructions on how to add a system camera to the phone app, including password entry and device login procedures.

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Video 4.3: This video illustrates the true plug-and-play nature of the SOVMIKU wireless camera system, demonstrating its simple setup process.

5. OPERATING INSTRUCTIONS

Once your system is set up, you can utilize its various functions:

- **Live View:** Access real-time video feeds from all connected cameras via the NVR (connected to a monitor), mobile app, or PC software.

- **Remote Viewing:** With the NVR connected to the internet, you can view live feeds and recorded footage from anywhere using the "XMeye Pro" app on your smartphone or tablet.

- **Two-Way Audio:** Use the mobile app to speak through the camera's speaker and listen through its microphone, enabling direct communication with individuals near the camera.

- **Motion Detection & Alerts:** Configure motion detection zones and sensitivity. The system can send email alerts or app push notifications upon detecting movement.

- **Face Detection:** The NVR's smart AI can detect and log faces appearing in the camera's view. Review these events through the NVR interface or app.

- **Video Playback:** Access recorded footage stored on the NVR's hard drive. The system supports sync-playback, allowing you to review multiple camera feeds simultaneously.

- **Night Vision:** Cameras automatically switch to infrared night vision in low-light conditions, providing clear black and white video.

Figure 5.1: Two-way audio system in use.

Face Detect & Located

Figure 5.2: Face detection and location feature.

Figure 5.3: Comparison of 3MP (1536P) and 2MP (1080P) video quality.

6. MAINTENANCE

To ensure optimal performance and longevity of your security system:

- **Regular Cleaning:** Periodically clean camera lenses with a soft, damp cloth to prevent dust and dirt buildup from affecting image quality.
- **Hard Drive Management:** The 500GB hard drive provides ample storage. If more storage is needed, you can upgrade to a SATA hard drive up to 6TB. Refer to the NVR's internal instructions for hard drive replacement.
- **Firmware Updates:** Check the SOVMIKU official website or contact support for any available firmware updates for your NVR and cameras to ensure the latest features and security patches.
- **Power Supply:** Ensure stable power supply to both NVR and cameras. Unstable power can affect system performance.

7. TROUBLESHOOTING

If you encounter issues with your SOVMIKU security camera system, refer to the following common solutions:

Problem	Possible Solution
No video display on monitor	Check HDMI/VGA cable connection. Ensure NVR and monitor are powered on. Select correct input source on monitor.
Cameras not connecting to NVR	Ensure cameras are powered on and within range. Cameras are pre-paired; if issues persist, try re-pairing (refer to NVR menu for pairing options).
Remote access not working	Verify NVR is connected to the internet via Ethernet cable. Check router settings. Ensure correct login credentials in the "XMeye Pro" app.
No audio from cameras	Check audio settings in the NVR menu or mobile app. Ensure camera microphone is not obstructed.
Motion detection alerts not received	Verify motion detection is enabled and configured correctly in NVR settings/app. Check app notification settings on your phone.

For further assistance, please contact SOVMIKU customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	SOVMIKU
Model Number	SKWK-4HB913
Connectivity Technology	Wireless (Cameras to NVR), Wired (NVR to Router)
Video Capture Resolution	3MP (1520p, 1536p)
Special Features	Night Vision, Wireless, Two-Way Audio, Face Detection
Number of Channels	8
Memory Storage Capacity	500 GB (expandable up to 6TB SATA)
Power Source	Corded Electric
Compatible Devices	Cameras, Personal Computers, Smartphones, Tablets
Low Light Technology	Night Vision
Frame Rate	15 fps
Recording Mode	Continuous, Motion Detection
Hardware Interface	802.11 ac/b/g/n (WiFi)
Lens Type	Fixed
Video Input	VGA, HDMI
Item Weight	7.54 pounds

Feature	Specification
Date First Available	December 11, 2020

9. WARRANTY AND SUPPORT

SOVMIKU is committed to providing high-quality products and customer satisfaction. For any technical support, software inquiries, or warranty claims, please contact SOVMIKU customer service. Refer to the product packaging or official website for the most current contact information.
Note: For PC/Laptop software, please email saul for assistance.