Softeam NVR1104HS-W-S2-CE-IMOU_1

Softeam Imou 4-Channel Wi-Fi NVR User Manual

Model: NVR1104HS-W-S2-CE-IMOU_1

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Softeam Imou 4-Channel Wi-Fi Network Video Recorder (NVR). Please read this manual thoroughly before using the product to ensure proper setup and optimal performance. Keep this manual for future reference.



Image 1.1: Front view of the Softeam Imou 4-Channel Wi-Fi NVR unit.

2. Product Overview

2.1. Package Contents

Verify that all items are present in your package:

- 1x Imou 4-Channel Wireless Recorder (NVR1104HS-W-S2-CE-4-channel Red-Videorecorder)
- Power Adapter
- USB Mouse
- Quick Start Guide
- Screws for HDD installation

2.2. Key Features

- **Full HD 1080P Video Recording:** Supports high-definition video input for clear surveillance.
- **Camera Repeater Function:** Extends Wi-Fi range for connected cameras.
- **Dual Antennas (2x2 MIMO):** Enhances wireless signal stability and range up to 100m in open fields.
- **Automatic Association:** Simplifies camera pairing with the NVR.
- **Flexible Camera Placement:** Wi-Fi connectivity allows cameras to be placed without network cable limitations.
- **Video Input/Output:** 4-channel video input, 1 HDMI output, 1 VGA output.
- **H.265 Video Compression:** Efficiently saves storage space while maintaining video quality.
- **HDD Support:** Predisposition for up to 8 TB internal HDD for continuous recording.

2.3. NVR Ports and Indicators

Familiarize yourself with the NVR's front and rear panels:



Image 2.1: Front and rear panel connections of the NVR.

- **Front Panel:** Power indicator, HDD indicator, Network indicator, USB port (for mouse/USB drive).
- **Rear Panel:** DC 12V Power Input, Ethernet Port (RJ45), VGA Output, HDMI Output, Audio Input (RCA), Audio Output (RCA), USB Ports.

3. Setup

3.1. Hard Drive (HDD) Installation

The NVR supports an internal 3.5-inch SATA HDD up to 8 TB for video storage. If an HDD is not pre-installed, follow these steps:

1. Unscrew and remove the top cover of the NVR.
2. Connect the SATA data and power cables from the NVR to the HDD.
3. Secure the HDD to the NVR chassis using the provided screws.
4. Replace the top cover and secure it with screws.

3.2. Initial Connection

Follow these steps to connect your NVR:

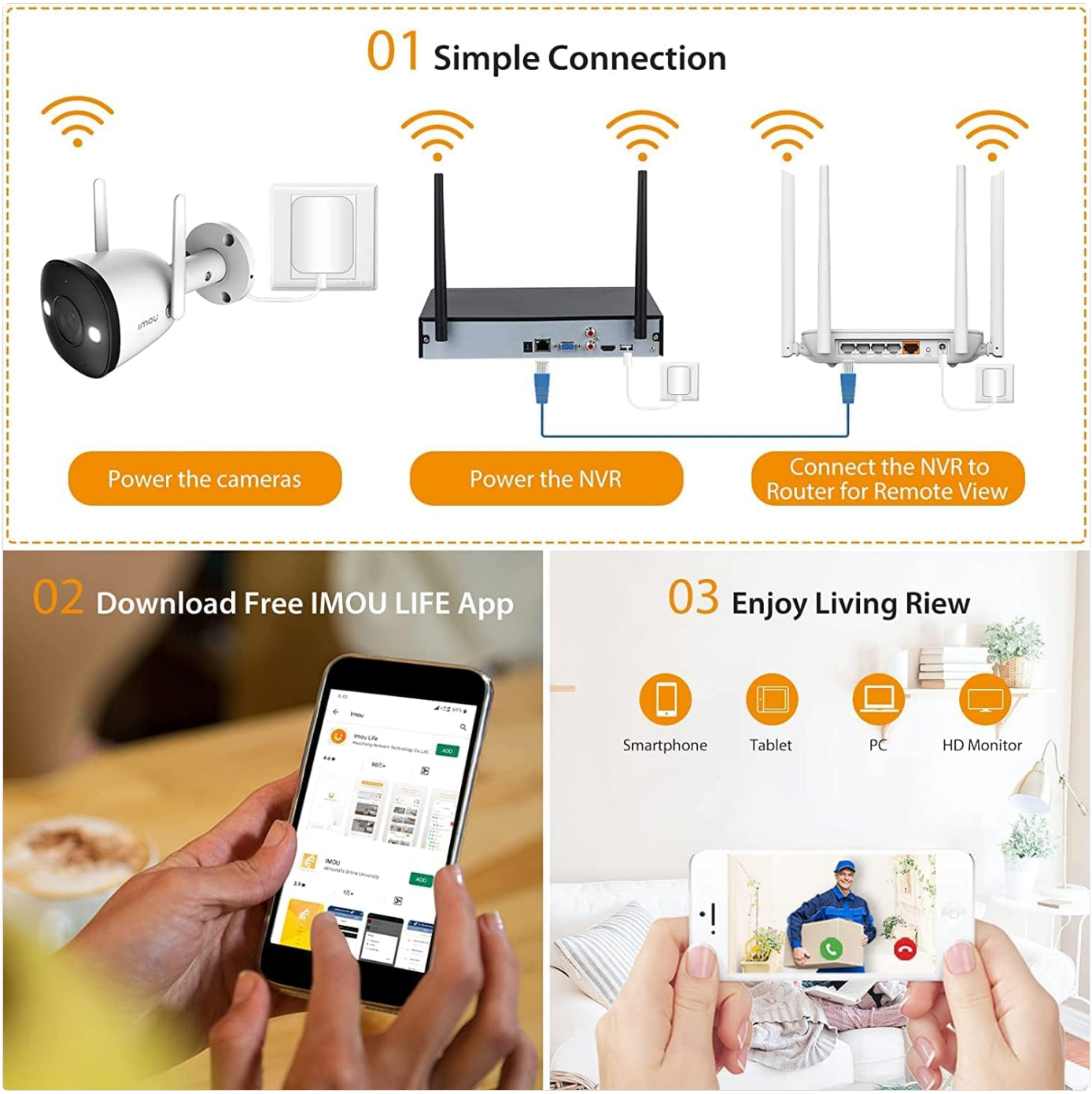


Image 3.1: Simple connection steps and remote viewing options.

1. **Power Cameras:** Ensure your Imou Wi-Fi cameras are powered on and within range of the NVR.
2. **Power NVR:** Connect the provided power adapter to the NVR's DC 12V input and plug it into a power outlet.
3. **Connect to Router:** Connect the NVR's Ethernet port to your internet router using an Ethernet cable. This is necessary for remote viewing and initial setup.
4. **Connect Monitor:** Connect a monitor to the NVR via the HDMI or VGA port.

5. **Connect Mouse:** Plug the USB mouse into one of the NVR's USB ports.

3.3. Network and Camera Pairing

1. Upon first boot, the NVR will guide you through initial setup, including network configuration.
2. The NVR will automatically search for and pair with compatible Imou Wi-Fi cameras within its range. Follow the on-screen prompts to confirm camera additions.
3. If an HDD was installed, navigate to the storage settings to format it before recording can begin.

4. Operating Instructions

4.1. Recording

The NVR supports continuous recording from all connected cameras. The H.265 video compression standard is utilized to optimize storage efficiency.



Image 4.1: H.265 compression offers significant storage savings compared to H.264.

- **Continuous Recording:** Once configured, the NVR will record 24/7, overwriting the oldest footage when the HDD is full.
- **Motion Detection Recording:** Configure specific cameras to record only when motion is detected to save storage space and review time.
- **Scheduled Recording:** Set specific times for recording based on your needs.

4.2. Viewing Footage

You can view live or recorded footage through various methods:

- **Local Monitor:** Connect an HDMI or VGA monitor directly to the NVR for real-time viewing and playback.
- **Imou Life App:** Download the free Imou Life app on your smartphone or tablet for remote viewing.
- **PC/Tablet:** Access the NVR via a web browser or dedicated client software on your computer.



Image 4.2: Example of 1080P Full HD image quality during day and night.

4.3. 24/7 Surveillance

The Imou NVR system is designed for continuous, round-the-clock surveillance, providing security monitoring at all times.



Image 4.3: The NVR supports 24/7 recording for comprehensive security.

5. Maintenance

- **HDD Management:** Regularly check the HDD status in the NVR settings. Format the HDD periodically if needed, or replace it if errors occur.
- **Firmware Updates:** Check for and install firmware updates through the NVR's system settings or the Imou Life app to ensure optimal performance and security.
- **Cleaning:** Keep the NVR unit clean and free from dust. Use a soft, dry cloth. Do not use liquid cleaners. Ensure ventilation openings are not blocked.
- **Power Cycle:** If the NVR experiences issues, try power cycling by disconnecting the power adapter, waiting 30 seconds, and reconnecting it.

6. Troubleshooting

This section addresses common issues you might encounter:

- **No Video Output:** Ensure the monitor is correctly connected to the HDMI/VGA port and powered on. Check the video input source on your monitor.
- **Cameras Not Connecting:** Verify cameras are powered on and within Wi-Fi range. Ensure the NVR's Wi-Fi antennas are properly installed. Try re-pairing cameras through the NVR's interface.
- **No Recording:** Check if an HDD is installed and properly formatted. Verify recording schedules and motion detection settings. Ensure the HDD is not full.
- **Remote Viewing Issues:** Confirm the NVR is connected to the internet via Ethernet. Check your router's internet connection. Ensure the Imou Life app is updated and correctly configured.
- **System Freezing/Lagging:** Restart the NVR. Ensure adequate ventilation to prevent overheating.

7. Specifications

Feature	Specification
Brand	Softeam (Imou)
Model Number	NVR1104HS-W-S2-CE-IMOU_1
Video Input	4 Channels
Video Output	1x HDMI, 1x VGA
Video Compression	H.265
HDD Capacity	Up to 8 TB (3.5" SATA)
Connectivity	Wi-Fi (2x2 MIMO), Ethernet
Wi-Fi Range	Up to 100m (open field)
Compatible Devices	Imou Cameras
Product Dimensions	37.2 x 11.7 x 30.8 cm
Product Weight	1.57 kg

8. Warranty and Support

For warranty information, please refer to the warranty card included with your product or contact your point of purchase. For technical support, product inquiries, or service requests, please visit the official Softeam or Imou website for contact details and support resources.
Always ensure you are using official channels for support to receive accurate and timely assistance.

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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