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Hiseeu WNKIT-12V-4HB312-3T

Hiseeu Wireless Security Camera System User Manual

Model: WNKIT-12V-4HB312-3T

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Hiseeu Wireless Security Camera System. This system features a 12-inch monitor NVR with a pre-installed 3TB HDD, four 5-megapixel outdoor WiFi IP cameras with two-way audio, night vision, and remote viewing capabilities. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

Safety Information

Upon receiving the product, it is recommended to test all components before permanent installation. Ensure all power connections are secure and meet the specified voltage requirements (DC 12V-2000mA). Do not expose the NVR or cameras to extreme conditions outside their specified operating temperature range.

Product Overview and Components

The Hiseeu Wireless Security Camera System includes the following main components:

- 12-inch Monitor NVR (Network Video Recorder) with 3TB Hard Drive pre-installed.
- Four 5-Megapixel Wireless IP Bullet Cameras.
- Power adapters for NVR and cameras.
- USB Mouse for NVR control.
- Ethernet Cable (for wired NVR connection, if preferred).



Figure 1: Overview of the Hiseeu Wireless Security Camera System components.

Setup Guide

1. Initial NVR Setup

1. Connect the NVR to its power supply (12V/2A).
2. Connect the included USB mouse to a USB port on the NVR.
3. The NVR will power on and display the system interface on its integrated 12-inch monitor.
4. Follow the on-screen prompts to configure basic settings such as language, date, and time.



Figure 2: Simple plug-and-play setup for the NVR and cameras.

2. Camera Installation and Connection

The cameras are pre-paired with the NVR for wireless connection. Each camera requires a power supply.

1. Choose suitable locations for your cameras, ensuring they are within range of a power outlet and have a clear line of sight to the area you wish to monitor.
2. Mount the cameras securely using the provided screws and anchors.
3. Connect each camera to its respective power adapter. The cameras will automatically connect to the NVR.
4. Verify the camera feeds appear on the NVR monitor. If a camera does not connect, ensure it is powered on and within wireless range. You can use the repeater technology to extend the WiFi distance if needed.



Figure 3: Wireless connection between cameras and NVR, and system expandability.

3. Network Connection (for Remote Viewing)

To enable remote viewing via smartphone or computer, the NVR must be connected to your home network.

- **Wireless Connection:** On the NVR interface, navigate to Network settings and select your WiFi network. Enter the password to connect.
- **Wired Connection:** Connect one end of the Ethernet cable to the NVR's LAN port and the other end to your router.

Once connected, download the "Eseecloud" app on your smartphone (Android/iPhone) or install the client software on your computer (Windows PC). Register an account and add your NVR using its Cloud ID, typically found at the bottom of the NVR screen or in the system information.

Operating Instructions

1. Live View and Recording

The NVR provides a live view of all connected cameras on its integrated monitor. You can switch between single-camera

view and multi-camera grid view. The pre-installed 3TB HDD supports 24/7 continuous recording or motion-only recording. With H.265+ video compression, the system can store approximately 90 days of continuous footage.

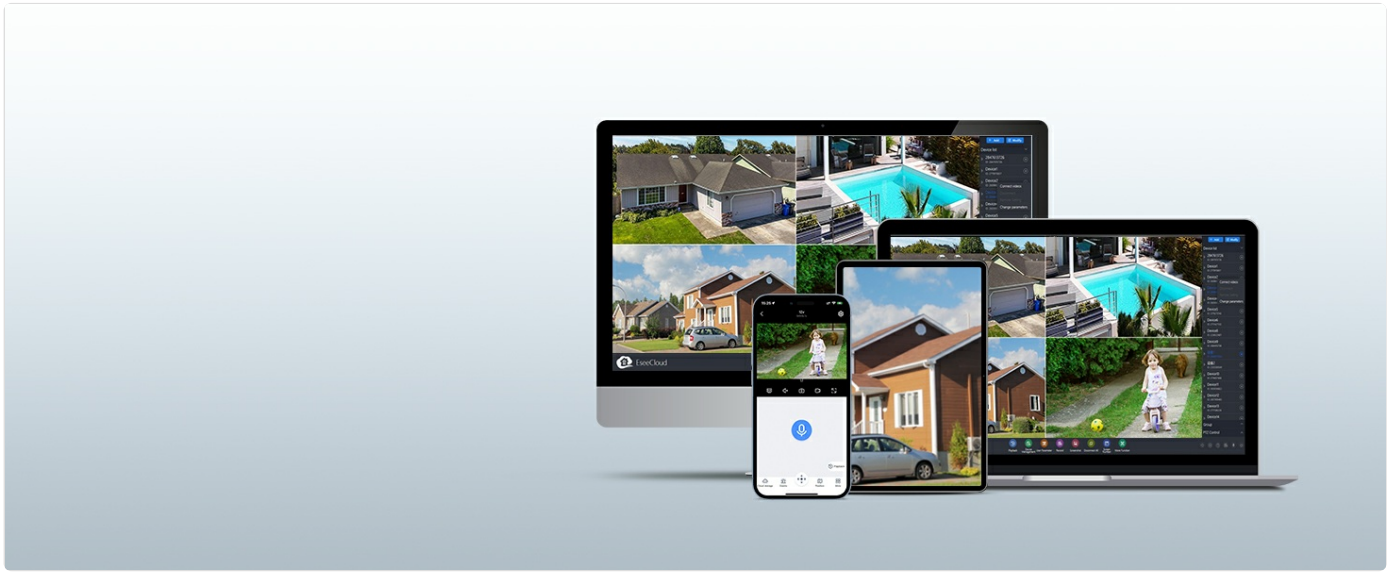


Figure 4: Storage capabilities with H.265+ compression and 3TB HDD.

2. Remote Viewing

Using the "Eseecloud" app or PC software, you can view live feeds, playback recorded footage, and manage settings from anywhere with an internet connection. The app is compatible with Windows PC, Android, and iPhone devices.



Figure 5: Remote viewing across multiple devices.

3. Motion Detection and Alerts

The system features motion detection with the ability to send instant notifications to your smartphone app or email when motion is detected. You can customize motion detection areas and schedules to focus on specific zones and times, reducing false alarms.



Figure 6: Humanoid motion detection and alert system.

Figure 7: Human detection feature for accurate alerts.

You can also set up privacy areas within the camera's view to exclude certain zones from recording or monitoring.



Figure 8: Setting up privacy areas.

4. Two-Way Audio

The cameras are equipped with built-in microphones and speakers, enabling two-way audio communication. This allows you to hear what's happening and speak through the camera from your remote device.



Figure 9: Two-way audio functionality.

5. Night Vision

The cameras provide superior night vision up to 65ft. They feature IR LED lights with auto-switching capabilities, offering clear viewing even in complete darkness. The system supports both infrared night vision and full-color night vision when sufficient ambient light or spotlights are available.

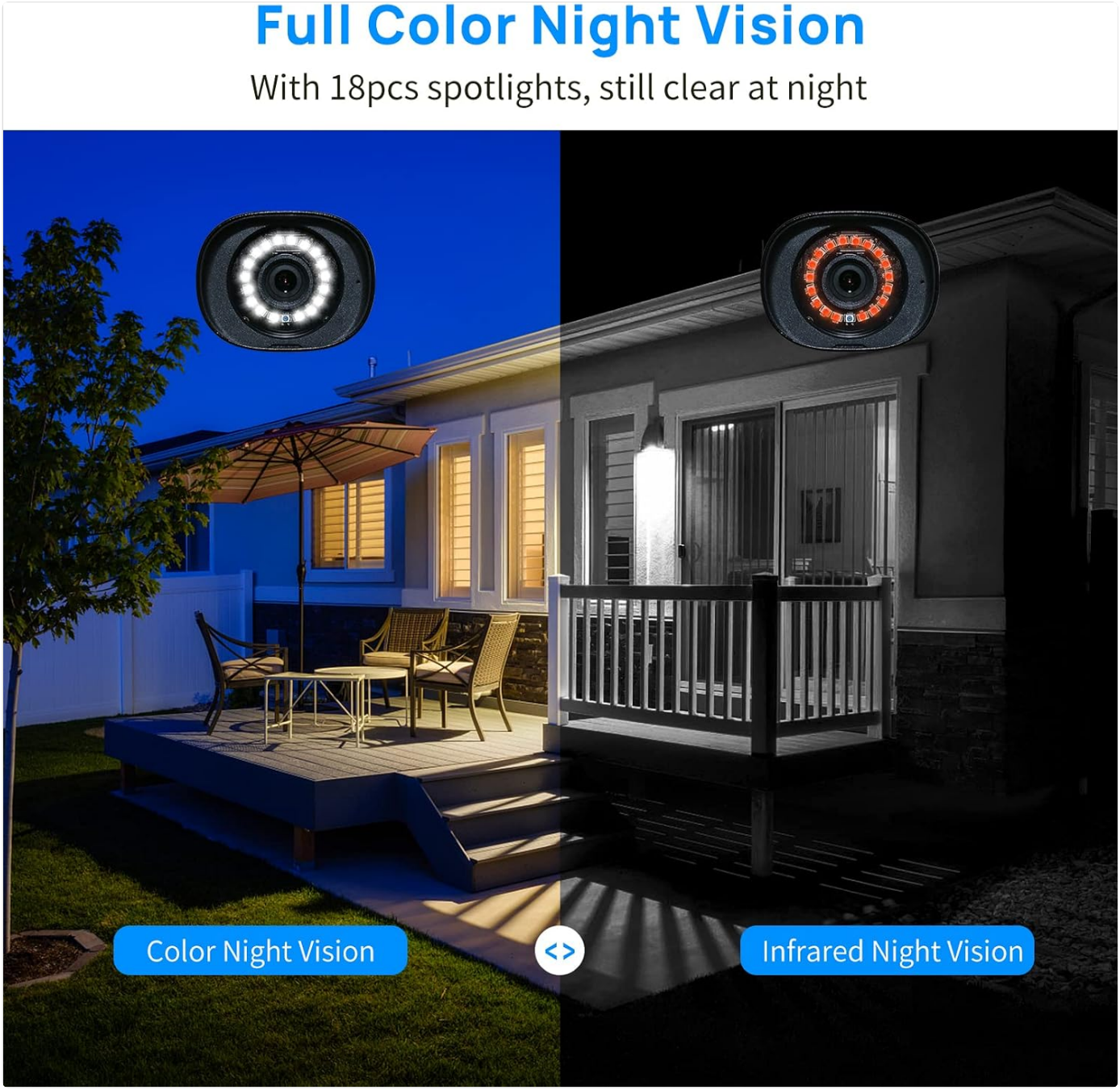


Figure 10: Comparison of Full Color Night Vision and Infrared Night Vision.

6. System Expandability

The 10-channel NVR supports the addition of up to 8 more cameras, allowing for a total of 10 cameras (including the initial 4). You can add both bullet cameras and PTZ (Pan-Tilt-Zoom) cameras to expand your surveillance coverage.



Figure 11: Expand your system with additional cameras.



Figure 12: Comprehensive coverage with an expandable 10-channel system.

7. Voice Control Integration

The system is compatible with Alexa, allowing you to view camera feeds on compatible smart displays using voice commands.



Figure 13: Alexa voice control integration.

Maintenance

The outdoor cameras are IP66 waterproof, designed to withstand various weather conditions. They operate effectively in temperatures ranging from -10°C to 50°C (13°F to 122°F).



Figure 14: IP66 waterproof rating and operating temperature range.

Regularly check camera lenses for dirt or obstructions and clean them gently with a soft cloth to ensure clear image quality. Ensure all power connections remain secure.

Troubleshooting

- **No Camera Feed:**
  - Ensure the camera is powered on and its power adapter is securely connected.

    - Check the wireless signal strength between the camera and the NVR. If the signal is weak, consider repositioning the camera or using the repeater function.
    - Verify the camera is paired with the NVR. If not, re-pair it according to the setup instructions.
- **Poor Image Quality:**
    - Clean the camera lens.
    - Ensure there are no obstructions in the camera's field of view.
    - Check for strong interference sources near the camera or NVR.
- **Motion Detection Alerts Delayed/Not Received:**
    - Ensure the NVR is connected to the internet.
    - Check app notification settings on your smartphone and within the Eseecloud app.
    - Verify motion detection settings (area, sensitivity, schedule) on the NVR.
- **"No TF Card found" Error:**
    - This system uses a pre-installed 3TB HDD for storage, not a TF card. If this message appears, it may indicate an issue with the hard drive or NVR software. Try restarting the NVR. If the issue persists, contact technical support.
- **Remote Playback Issues on Laptop:**
    - Some users have reported that the PC client software might only allow live viewing and not playback on laptops. Ensure you are using the latest version of the Eseecloud software. For full functionality, the smartphone app is generally more comprehensive.

Specifications

Feature	Detail
Model Number	WNKIT-12V-4HB312-3T
Video Capture Resolution	1920p (5MP)
Number of Channels	10CH NVR (supports up to 10 cameras)
Pre-installed HDD	3TB
Video Compression	H.265+
Viewing Angle	80 Degrees
Night Vision Range	Up to 50 Metres (65ft)
Frame Rate	25 or 30 fps
Power Source	DC 12V-2000mA
Wattage	12 watts
Connectivity	Wireless (2.4GHz WiFi)
Waterproof Rating	IP66 (for outdoor cameras)
Operating Temperature	-10°C to 50°C (13°F to 122°F)

Feature	Detail
Special Features	2-Way Audio, Motion Detection, Work with Alexa
Compatible Devices	Laptop, Television, Tablet, Smartphone

Warranty and Support

Hiseeu provides a 1-year warranty for this product, which includes free parts replacement. Lifetime technical support is also available. For any questions or assistance, please contact the technical team at jason@hiseeu.com. Responses are typically provided within 12 hours.

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Details

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

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Answered questions about this manual

Why do my Hiseeu WNKIT-12V-4HB312-3T cameras have no night vision and appear very dark during the daytime?

If your Hiseeu WNKIT-12V-4HB312-3T cameras are suddenly dark during the day and failing to activate night vision, it typically indicates an issue with the camera's light sensor, power supply, or internal IR-cut filter. Please...

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