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› Hiseeu PoE Security Camera System User Manual

Hiseeu PK-8HB215-3T

Hiseeu PoE Security Camera System User Manual

Model: PK-8HB215-3T

1. PRODUCT OVERVIEW

This manual provides instructions for the Hiseeu PoE Security Camera System, Model PK-8HB215-3T. This system includes 8PCS 5MP IP security cameras and a 4K PoE NVR with a 3TB hard drive, designed for both indoor and outdoor surveillance. Key features include human and vehicle detection, audio and video monitoring, and expandable 16-channel support.



Image 1.1: The Hiseeu PoE Security Camera System, featuring the Network Video Recorder (NVR) and eight 5MP bullet-style IP cameras.

2. PACKAGE CONTENTS

Verify all items are present in your package. If any items are missing or damaged, please contact customer support.

Intuder Warning

Spotlight / Buzzer / App Notification



Image 2.1: An illustration of the components included in the Hiseeu PoE Security Camera System package.

- 1x 8-Port PoE NVR (Network Video Recorder)
- 8x 5MP Bullet Camera
- 1x 3TB HDD (Hard Disk Drive) Pre-installed
- 1x Power Adapter for NVR
- 4x 64ft Ethernet Cable
- 4x 100ft Ethernet Cable
- 1x 3ft Ethernet Cable
- 1x USB Mouse
- 1x HDMI Cable
- 1x User Manual (this document)
- 2x Warning Sticker
- 8x Mounting Screws for Cameras

3. SYSTEM SETUP

3.1. Hardware Connection

The Hiseeu PoE Security Camera System utilizes Power over Ethernet (PoE) technology, simplifying installation by delivering both power and data through a single Ethernet cable.

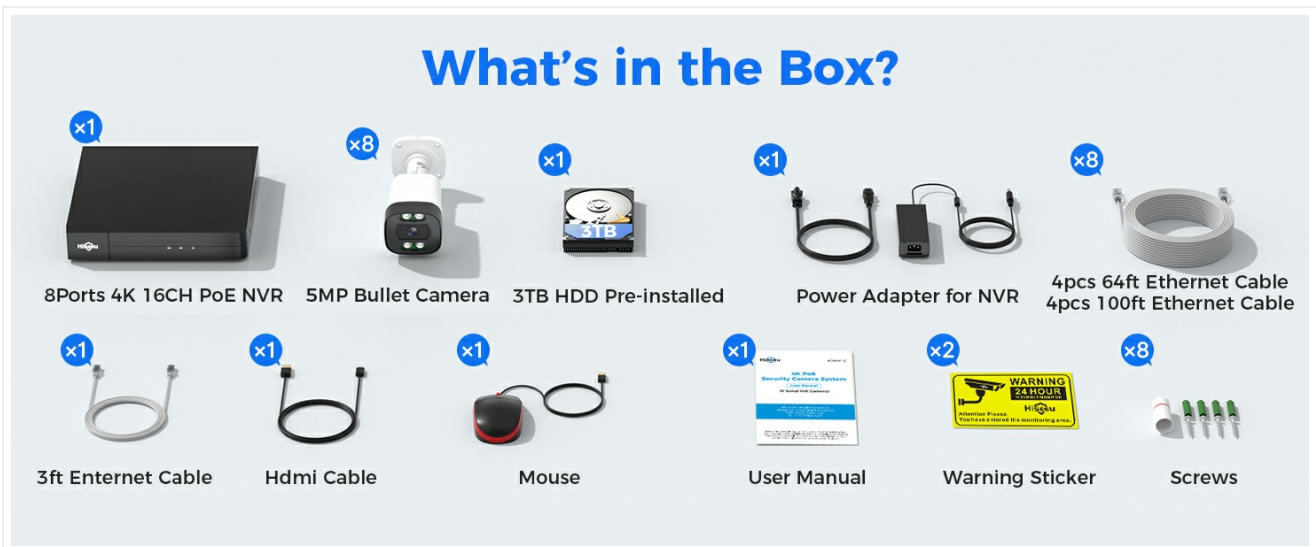


Image 3.1: Connection diagram illustrating how PoE cameras connect to the NVR, and the NVR connects to a router for network access.

- 1. Connect Cameras to NVR:** Connect each IP camera to an available PoE port on the NVR using the provided Ethernet cables. The NVR will automatically power the cameras and establish data connection.
- 2. Connect NVR to Monitor:** Use the HDMI cable to connect the NVR to a monitor or TV for local viewing and configuration.
- 3. Connect NVR to Router:** Connect the NVR's LAN port to your internet router using an Ethernet cable to enable remote access and network features.
- 4. Power On NVR:** Connect the NVR power adapter to the NVR and plug it into a power outlet.

3.2. Initial Configuration (3 Steps)

Follow these three basic steps to get your system operational.

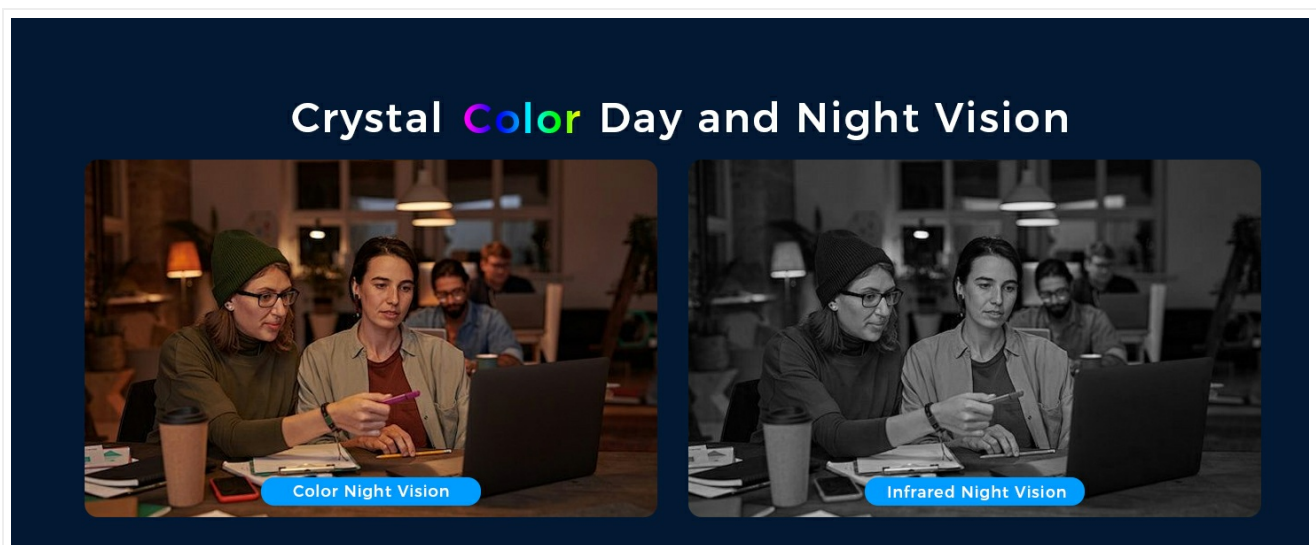


Image 3.2: A visual guide to the three-step setup process, including hardware connection, app download, and live viewing.

- 1. Power over Ethernet:** Ensure all cameras are connected to the NVR via Ethernet cables and the NVR is powered on.
- 2. Download Free App/Software:** Download the "Guard Live" app from the App Store (iOS) or Google Play (Android), or install the client software on your PC/Mac.

3. **Live View:** Follow the in-app or software instructions to add your NVR device and begin live viewing your camera feeds.

3.3. Camera Installation Considerations

The cameras feature a durable metal housing and are designed for outdoor use with IP67 weatherproofing.



Image 3.3: A detailed view of the camera's metal housing, highlighting its sturdy and durable construction.

HiSecu Latest Version	Outdated Version
Support Camera Resolution Up to 4K/8MP Up to 16 Channels (Need Extra PoE Switch)	(Low Resolution Output: 1080P/2K/3K/5MP) 4 Or 8 Channel NVR
3TB Large Storage + Two-Way Audio	2TB Large Storage + No Or One-way Audio
Human (✓) Vehicle (✓)	Human (✓) Vehicle (X)
Yes (Spotlight to ward off suspicious person at night)	No Spotlight
100ft* 4 pcs + 64ft* 4 pcs Cables	60ft* 8 pcs Cables
NVR Resolution & Port	HDD Storage & Audio
Human/Vehicle Detect	Spotlight Alarm
Network Cable Length	

Image 3.4: The camera's IP67 weatherproof rating, indicating its ability to withstand various environmental conditions, including heat and cold.

- **Mounting:** Use the provided screws to securely mount cameras in desired locations.
- **Placement:** Position cameras to cover critical areas, considering the 80-degree viewing angle and 60 feet night vision range.
- **Weather Protection:** While cameras are IP67 weatherproof, avoid direct exposure to extreme conditions if possible to prolong lifespan.

4. OPERATING THE SYSTEM

4.1. Human and Vehicle Detection

The system features advanced AI-powered human and vehicle detection to minimize false alarms. You can configure specific detection zones and crossing lines.

121° Wide View Angle



Hiseeu 121° Version



Other Normal 78° Version

Image 4.1: Configuration of a specific area for vehicle detection, allowing the system to monitor only designated zones.

Set Specific Area for Vehicle Detect



Image 4.2: Setting up a crossing line for human detection, triggering alerts when a person crosses the specified boundary.

- **Configuration:** Access the NVR interface (via monitor or app) to define detection zones and sensitivity settings for each camera.
- **Alerts:** When human or vehicle motion is detected, the system can trigger various alerts, including app notifications, spotlight activation, and buzzer sounds.

4.2. Two-Way Audio

Each camera supports two-way audio, allowing you to listen and speak through the camera using the mobile app or NVR interface.

Crossing Line for Human Detect

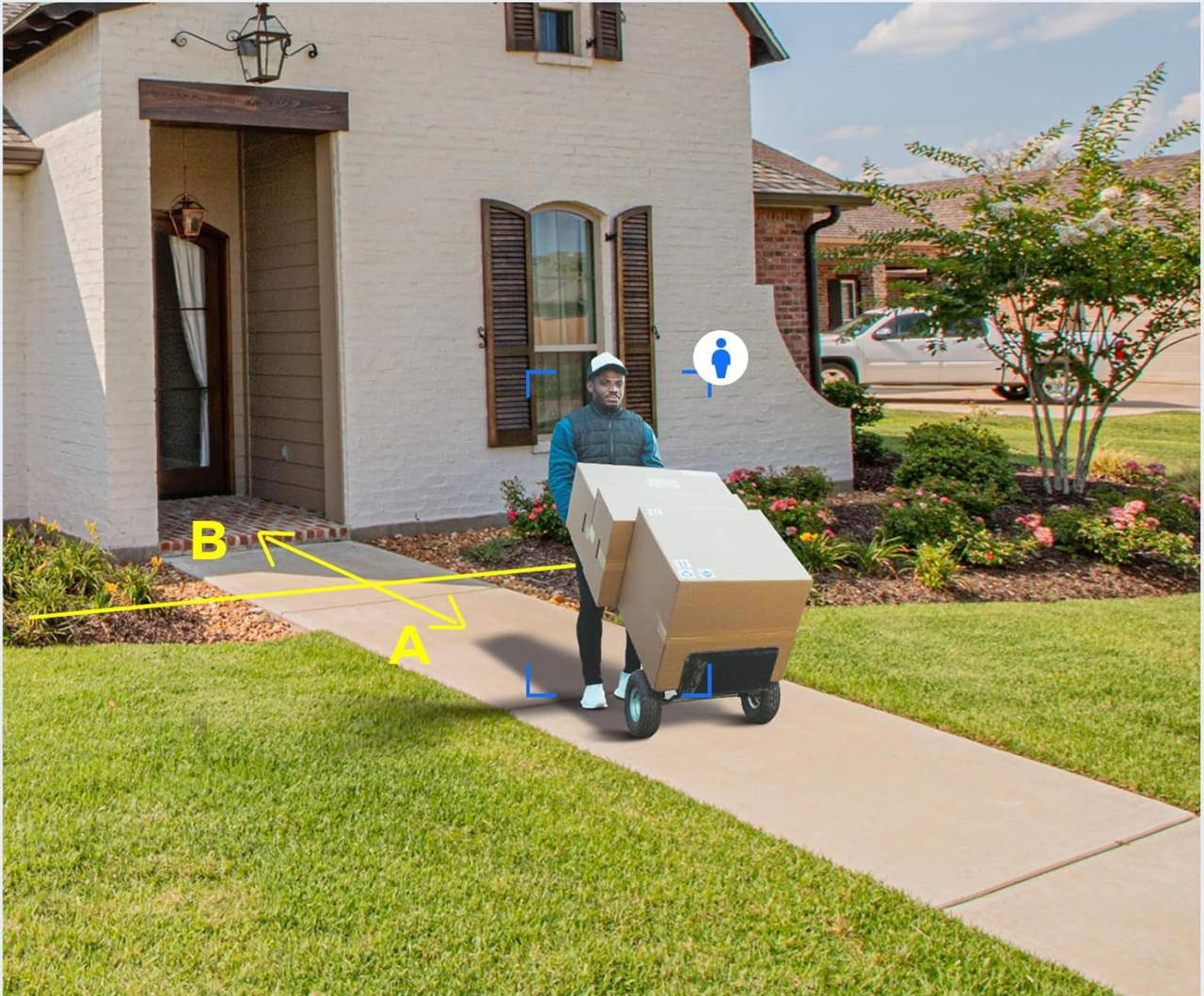


Image 4.3: A user engaging in real-time two-way audio communication through the security camera system via a mobile device.

- **Activation:** Enable the microphone and speaker functions for each camera in the NVR settings or through the mobile application.
- **Usage:** Use the talk button in the live view interface of the app to speak, and listen to audio from the camera's location.

4.3. Recording and Playback

The NVR comes with a pre-installed 3TB hard drive for continuous 24/7 recording. The system supports smart playback features.

Real Time 2-Way Audio



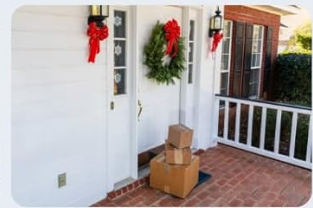
Image 4.4: The NVR's interface displaying continuous recording and a timeline for smart playback, highlighting detected events.

- **Recording Modes:** Configure recording modes (continuous, scheduled, motion-triggered) via the NVR interface.
- **Playback:** Access recorded footage through the NVR's local interface or the mobile app. The smart playback feature allows quick review of events triggered by human/vehicle detection.
- **Storage:** The 3TB HDD provides ample storage. The NVR is expandable up to 12TB.

4.4. Intruder Warning and Alarm Linkage

The system can be configured to provide immediate warnings upon detection of unauthorized activity.

7/24/365 Record & Smart Playback



2024-02-11
10:12:30

2024-02-11
11:23:41

2024-02-11
15:37:22

2024-02-11
17:03:54

Image 4.5: An intruder warning system activating a spotlight to deter unauthorized presence.



Image 4.6: Flowchart illustrating the smart AI activated alarm linkage, from human/vehicle detection to various alert mechanisms.

- **Alert Types:** The system can trigger a spotlight, an audible buzzer, and send push notifications to your mobile

- **Hard Drive Management:** The 3TB HDD provides extensive storage. If you require more storage, the NVR supports expansion up to 12TB. Regularly back up important footage if needed.
- **Cable Inspection:** Periodically inspect all Ethernet cables for wear, damage, or loose connections, especially those exposed to outdoor elements.

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, please refer to the support section.

- **No Video Display:**
 - Check all power connections to the NVR and ensure the monitor is properly connected via HDMI.
 - Verify that Ethernet cables are securely connected between cameras and NVR ports.
 - Restart the NVR.
- **No Remote Access:**
 - Ensure the NVR is connected to your internet router and has a stable internet connection.
 - Check your router settings to ensure no firewall rules are blocking the NVR's access.
 - Verify that the "Guard Live" app or PC software is updated to the latest version.
 - Confirm correct device ID and password are used for login.
- **Motion Detection Not Working:**
 - Review the motion detection settings for the affected camera in the NVR interface or app. Ensure detection zones are correctly configured and sensitivity is appropriate.
 - Check for obstructions in the camera's field of view.
- **Poor Image Quality:**
 - Clean the camera lens.
 - Ensure the camera is within its optimal operating range and not experiencing interference.
 - Check the video resolution settings in the NVR.
- **No Audio / Poor Audio Quality:**
 - Verify that audio recording and two-way audio features are enabled in the camera settings.
 - Check microphone and speaker settings on the NVR or app.

7. SPECIFICATIONS

Detailed technical specifications for the Hiseeu PoE Security Camera System.

Feature	Detail
Brand	Hiseeu
Model Number	PK-8HB215-3T
Connectivity Technology	Wired (PoE)

Feature	Detail
Video Capture Resolution	5MP (2560*1920), NVR supports 4K
Special Features	Adjustable, Dual Detection Zone, Easy to Install, Human Detection, Motion Sensor, Vehicle Detection, Waterproof (IP67)
Number of Channels	16 (8 included, expandable)
Memory Storage Capacity	3 TB (pre-installed), expandable up to 12 TB
Power Source	AC/DC
Operating System Compatibility	Android, iOS, Windows, Mac
Compatible Devices	Cameras, Laptops, Personal Computers, Smartphones, TV, Tablets
Other Camera Features	Audio Video Recording, Human Vehicle Detection
Low Light Technology	Yes (Color Night Vision)
Night Vision Range	60 Feet
Frame Rate	30 fps (for 5MP cameras)
Recording Mode	Motion Detection (configurable for continuous, scheduled)
Total USB Ports	2
Hardware Interface	Ethernet, HDMI, Infrared, SATA 6.0 Gb/s, USB 2.0, VGA
Lens Type	Fixed
Viewing Angle	80 Degrees (per camera)
Item Weight	22.9 pounds
Package Dimensions	14.17 x 12.83 x 10.47 inches

8. WARRANTY AND SUPPORT

Hiseeu is committed to providing reliable products and customer satisfaction.



Image 8.1: Overview of Hiseeu's customer service commitments, including technical support, return policy, and product warranty.

- **Lifetime Technical Support:** Hiseeu offers lifetime technical support for its products. For assistance, please refer to the contact information provided with your product or on the official Hiseeu website.
- **30-Day Free Return:** The product is eligible for a 30-day free return policy. Please consult the retailer's return policy for details.
- **Product Warranty:** Information regarding the product warranty period and terms can be found in the documentation included with your purchase or on the official Hiseeu website.
- **Privacy:** User's personal data is encrypted for local use on a TV monitor or for network access via the app or PC client software.