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› [ANNKE](#) /

› ANNKE 32-Channel Home Security Camera System User Manual (Model: AU-N931BB6-V2-5KDN-V5+JHJ014-U)

ANNKE AU-N931BB6-V2-5KDN-V5+JHJ014-U

ANNKE 32-Channel Home Security Camera System

MODEL: AU-N931BB6-V2-5KDN-V5+JHJ014-U

Introduction

This manual provides instructions for the installation, operation, and maintenance of your ANNKE 32-Channel Home Security Camera System. This system includes a 12MP 32-channel Network Video Recorder (NVR) with a pre-installed 6TB Hard Disk Drive (HDD) and 20 wired 5MP Power over Ethernet (PoE) IP cameras. The system is designed for comprehensive surveillance with features such as color night vision, AI motion detection, and facial detection capabilities.

For optimal performance and safety, please read this manual thoroughly before using the product and retain it for future reference.



Image: Overview of the ANNKE 32-Channel Home Security Camera System components, including the NVR and multiple cameras.

What's in the Box

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

- 1x 32CH 12MP PoE NVR with 6TB Hard Drive
- 1x 16-Port PoE Switch
- 20x 5MP IP PoE Cameras
- 10x 30m/100ft Network Cables
- 10x 18m/60ft Network Cables
- 1x Power Adapter & USB Mouse & Quick Instruction Guide
- 1x 5.9ft/1.8m HDMI Cable
- 1x 3.2ft/1m Ethernet Cable

Setup

Follow these steps to set up your ANNKE security camera system.

1. NVR and Camera Connection

1. Connect the NVR to a power source using the provided power adapter.
2. Connect the NVR to a monitor using the HDMI cable.
3. Connect the USB mouse to the NVR for navigation.
4. Connect up to 16 PoE IP cameras directly to the PoE ports on the NVR using the provided Ethernet cables.
5. To expand the system beyond 16 cameras (up to 32 channels), connect the additional cameras to the 16-port PoE switch. Then, connect the PoE switch to the NVR's network port using an Ethernet cable.



IP67
Weatherproof

Image: Diagram illustrating how to connect PoE cameras to the NVR and how to use a PoE switch to expand the system to 32 channels.

2. Network Connection

Connect the NVR to your router using an Ethernet cable to enable remote access and network features.

3. Remote Access Setup (ANNKE VISION App)

Download the ANNKE VISION app on your smartphone or tablet for remote viewing and control.

1. Download the ANNKE VISION app from the Google Play Store or Apple App Store.
2. Register an account and log in.
3. Add your NVR device by scanning the QR code on the NVR or manually entering its details.
4. Once added, you can view live feeds, playback recordings, and manage settings remotely.

Works with Alexa



Alexa, show me the backyard.



You got it.

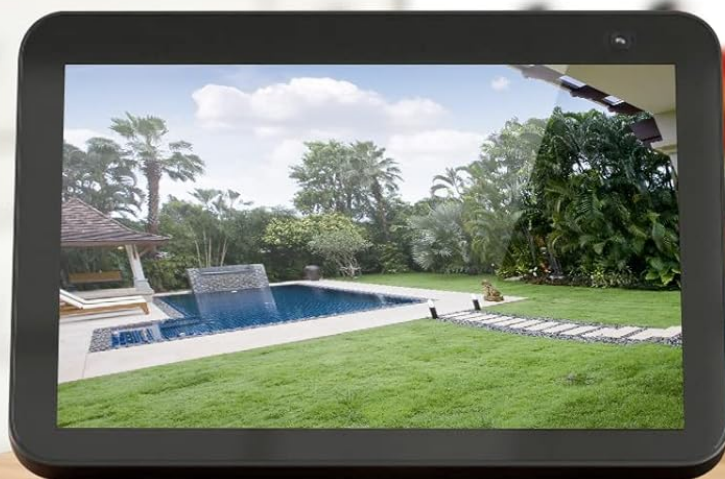


Image: Screenshot of the ANNKE VISION mobile application showing live camera feeds, demonstrating remote access capabilities.

Operating Instructions

Understand the key operational features of your security system.

1. Video Quality and Night Vision

The 5MP IP cameras provide clear video resolution. The system supports color night vision in low-light conditions and detailed black and white night vision in complete darkness, with a range of up to 100 feet.

Person/Vehicle Detection & Facial Detection

(Support IPC Access with AI Person/Vehicle Detection, NVR also Support All Chanel AI Function, IPC Without AI Function Can Reduce False Alarms Via Enabling NVR AI Function)



Image: A split image demonstrating the clarity of 5MP video during the day and the effectiveness of night vision at night.

2. AI Motion and Face Detection

The PoE IP cameras are equipped with AI features for advanced detection:

- **Line Intrusion Detection:** Triggers an alert when an object crosses a predefined virtual line.
- **Region Detection:** Triggers an alert when an object enters or exits a specified area.
- **Human/Vehicle Detection:** Differentiates between human and vehicle movement to reduce false alarms.
- **Facial Detection:** The NVR supports 1-channel facial recognition for video streams or 4-channel facial recognition for face pictures.

10TB for Each SATA

Up to 40TB for 4 SATA



4 Hard Disk Interfaces



Image: An illustration showing the system detecting a person and a vehicle, with a highlight indicating 1-channel facial detection.

3. Audio Recording

Each PoE camera includes a built-in microphone capable of recording audio up to 20 feet away, providing additional surveillance detail.

4. Recording Modes and Playback

The NVR supports continuous 24/7 recording and motion detection recording. Recordings can be easily searched and played back through the NVR interface or the ANNKE VISION app.

5. Multi-User Access

The system supports up to 20 users simultaneously, allowing multiple individuals to view live video feeds and access recordings from various devices such as PCs, laptops, tablets, and smartphones.

6. Alexa Integration

The system is compatible with Amazon Alexa. You can use voice commands to view live streams from your security cameras on compatible Alexa-enabled devices.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your security system.

1. Environmental Protection

The IP cameras are rated IP67 weatherproof, ensuring reliable operation in various outdoor conditions, including heavy snow, rain, and wind. Regularly clean camera lenses to prevent obstruction from dirt or debris.

Easy & Free Remote Access



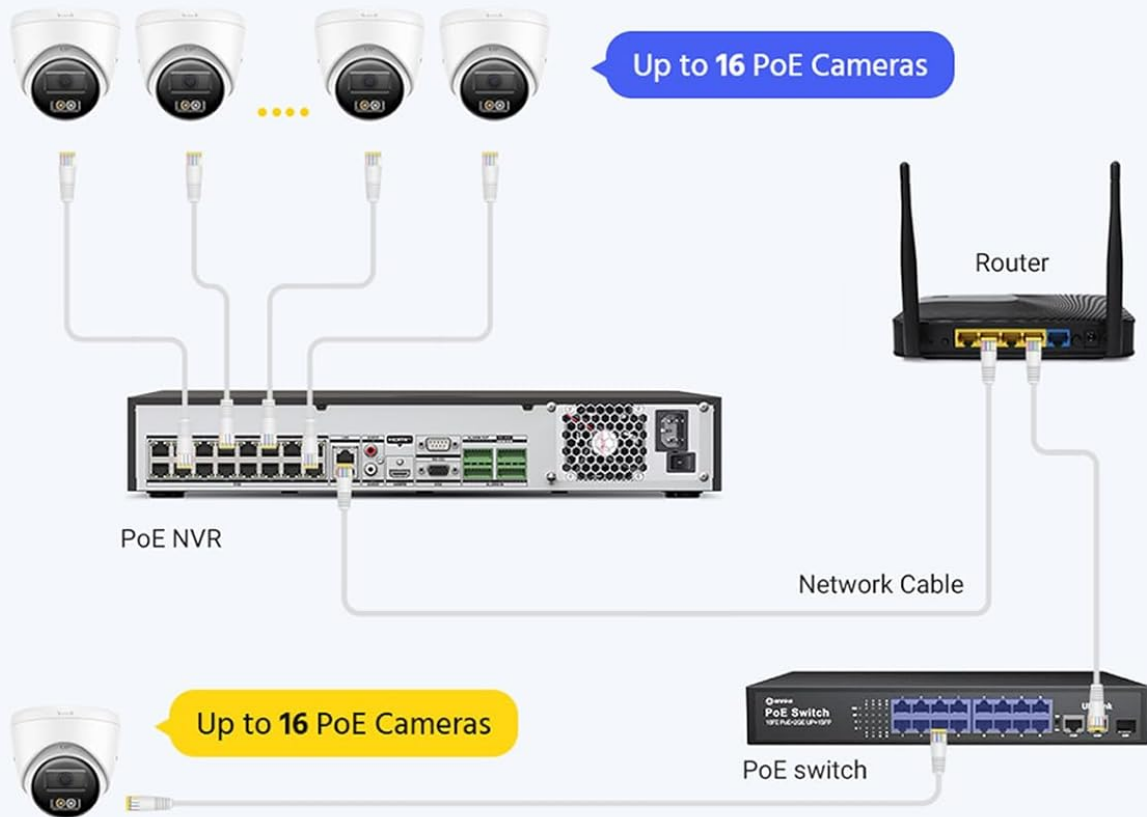
Image: A camera partially submerged in water, illustrating its IP67 weatherproof rating.

2. Storage Management

The NVR utilizes H.265+ video compression for efficient storage and longer recording times. The system comes with a 6TB HDD and supports up to 4 SATA HDD interfaces, allowing for a total storage capacity of up to 40TB (10TB per HDD). The NVR features automatic overwrite functionality, ensuring continuous recording by overwriting the oldest footage when the disk is full.

16 Ports NVR Recorder

Expandable Up to 32CH



Note: Need Connect A PoE Switch to Expand to 32 Channels

Image: An NVR unit with its top cover removed, showing four internal bays for hard disk drives, indicating expandable storage up to 40TB.

3. Firmware Updates

Periodically check the ANNKE official website or the ANNKE VISION app for firmware updates to ensure your system has the latest features and security enhancements.

Troubleshooting

If you encounter issues with your system, refer to the following general troubleshooting tips:

- **No Video Display:** Check all cable connections (power, HDMI, Ethernet). Ensure the monitor is on and set

to the correct input.

- **Camera Offline:** Verify the Ethernet cable connection to the camera and NVR/PoE switch. Ensure the camera is receiving power.
- **Remote Access Issues:** Confirm the NVR is connected to the internet. Check your network settings and ensure the ANNKE VISION app is updated.
- **Recording Problems:** Check the HDD status in the NVR settings. Ensure there is sufficient storage space or that automatic overwrite is enabled.
- **False Motion Alerts:** Adjust the sensitivity settings for motion detection in the NVR or app. Utilize AI human/vehicle detection to filter out irrelevant movements.

For more detailed troubleshooting or persistent issues, please contact ANNKE customer support.

Specifications

Feature	Specification
Brand	ANNKE
Model Number	AU-N931BB6-V2-5KDN-V5+JHJ014-U
Connectivity Technology	Wired (PoE)
Video Capture Resolution	5MP (1920p)
Number of Channels	32
NVR Hard Drive	6 TB (pre-installed)
Max HDD Capacity	40 TB (4 x 10 TB SATA HDDs)
Video Compression	H.265+
Night Vision Range	100 Feet
Camera Weatherproof Rating	IP67
Lens Type	2.8MM Wide Angle
Special Features	App Control, Audio Recording, Automatic Overwrite, Motion Sensor, Privacy Masking, AI Motion Detection, Face Detection
Compatible Devices	Cameras, Laptops, Personal Computers, Tablets
Operating System (App)	Android, iOS

Warranty and Support

ANNKE products typically come with a limited warranty. Please refer to the warranty card included in your package or visit the official ANNKE website for specific warranty terms and conditions.

For technical support, product inquiries, or warranty claims, please contact ANNKE customer service through their official website or the contact information provided in your product documentation.

ANNKE Official Website: www.annke.com