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ANNKE AU-DN61RA000/V5

ANNKE 16-Channel 1080P Lite Security Digital Video Recorder User Manual

Model: AU-DN61RA000/V5 | Brand: ANNKE

INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your ANNKE 16-Channel 1080P Lite Security Digital Video Recorder. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

The ANNKE 16-Channel 1080P Lite DVR is a versatile 5-in-1 hybrid digital video recorder designed for robust surveillance. It supports various camera types and offers advanced features like AI human/vehicle detection and H.265+ video compression for efficient storage and bandwidth usage.



Figure 1: Front view of the ANNKE 16-Channel 1080P Lite DVR.

WHAT'S IN THE BOX

Upon opening the package, please verify that all items listed below are included and in good condition. If any items are missing or damaged, please contact ANNKE customer support.

- 1x 1080P Lite 16CH DVR (Hard Drive Not Included)
- 1x 12V Power Adapter
- 1x USB Mouse

- 1x HDMI Cable
- 1x Network Cable
- 1x User Manual
- 1x Wall Sticker
- HDD Installation Cables (Not included if HDD is pre-installed)

What's in the box



Figure 2: All components included in the ANNKE 16-Channel DVR package.

Your browser does not support the video tag.

Video 1: This video demonstrates the unboxing process of the ANNKE 2MP Lite 16CH DVR, showing all included accessories and

the main unit.

SETUP AND INSTALLATION

1. Connecting the DVR

1. **Connect Cameras:** Attach your TVI, AHD, CVI, CVBS, or IP cameras to the corresponding BNC input ports on the rear of the DVR. The DVR supports up to 16 analog cameras and an additional 2 IP cameras.
2. **Connect Monitor:** Use the provided HDMI cable to connect the DVR to a monitor or TV. A VGA port is also available for alternative display connections.
3. **Connect Mouse:** Plug the USB mouse into one of the USB ports on the DVR for navigation.
4. **Connect Network:** Connect the DVR to your router using the provided network cable for remote access features.
5. **Connect Power:** Plug the 12V power adapter into the DVR's power input and then into a power outlet. The DVR will power on automatically.



Figure 3: Rear panel of the DVR showing BNC, HDMI, VGA, USB, and network ports for connections.

2. Initial Configuration

Follow the on-screen prompts to complete the initial setup wizard, which includes setting up the language, time zone, and creating a secure password. It is highly recommended to set a strong password for security.

3. Hard Drive Installation (If not pre-installed)

The DVR does not come with a pre-installed hard drive. To enable recording, you will need to install a compatible 3.5-inch SATA hard drive (up to 6 TB capacity recommended). Refer to the detailed instructions in the included User Manual for hard drive installation steps, including connecting the SATA power and data cables.

OPERATING THE DVR

5-in-1 Hybrid Compatibility

This DVR is a 5-in-1 hybrid system, offering broad compatibility with various camera technologies including TVI, AHD, CVI, CVBS, and IP cameras. This flexibility allows you to integrate different types of cameras into a single surveillance system.

Powerful 5-IN-1 DVR

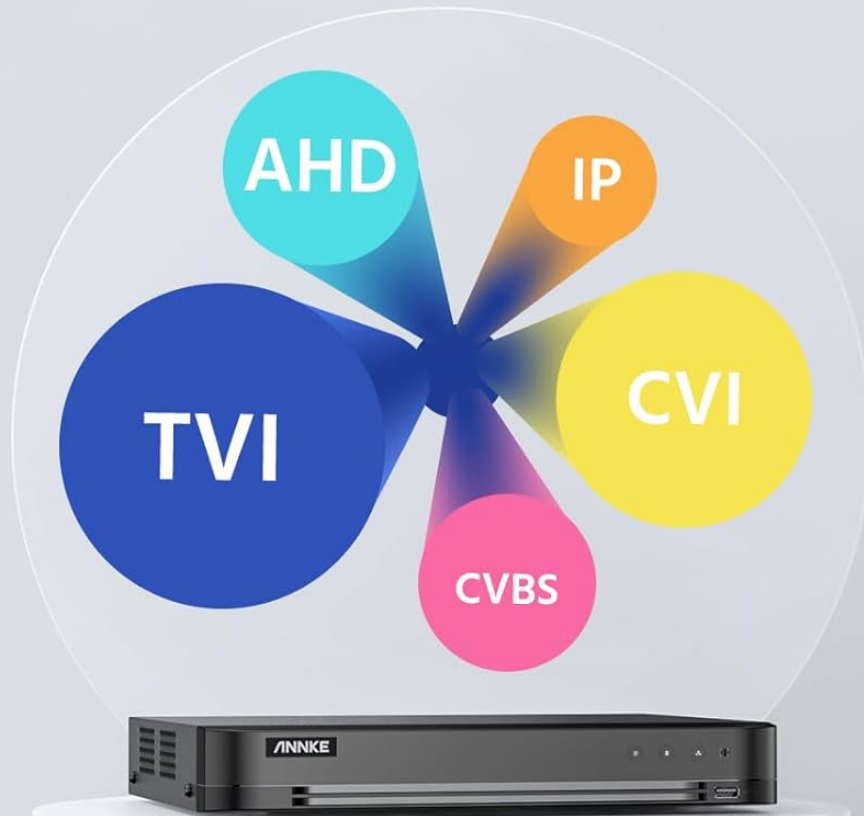


Figure 4: The DVR's compatibility with five different camera signal types.

AI Human/Vehicle Detection

Leverage the advanced AI human and vehicle detection feature to minimize false alarms. The system intelligently distinguishes between human and vehicle movements and other irrelevant motions like animals or swaying branches, ensuring you receive only relevant alerts.

AI Motion Detection 2.0



Human



Vehicle



Accuracy

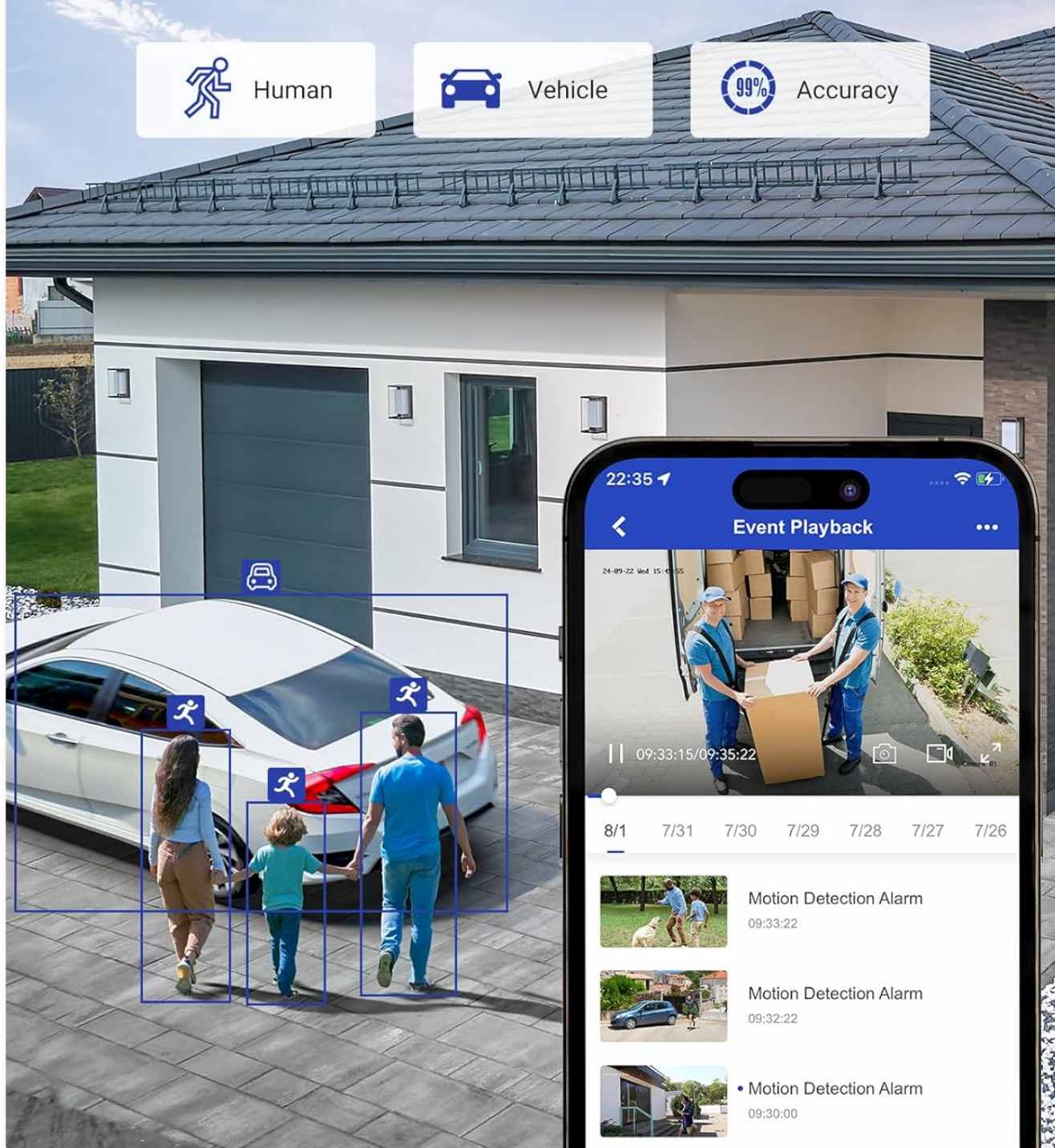


Figure 5: Example of AI-powered human and vehicle detection in action.

H.265+ Video Compression

The DVR utilizes advanced H.265+ video compression technology. This allows for significantly longer recording times and reduces storage space requirements by up to 50% compared to H.265 systems, without compromising video quality. Enjoy smooth streaming and efficient data management.

H.265+ Video Compression

Require Less Storage, Record Longer Time

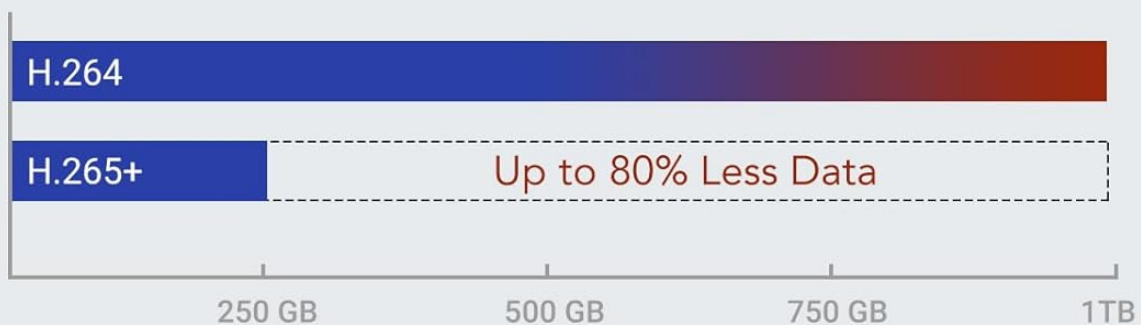
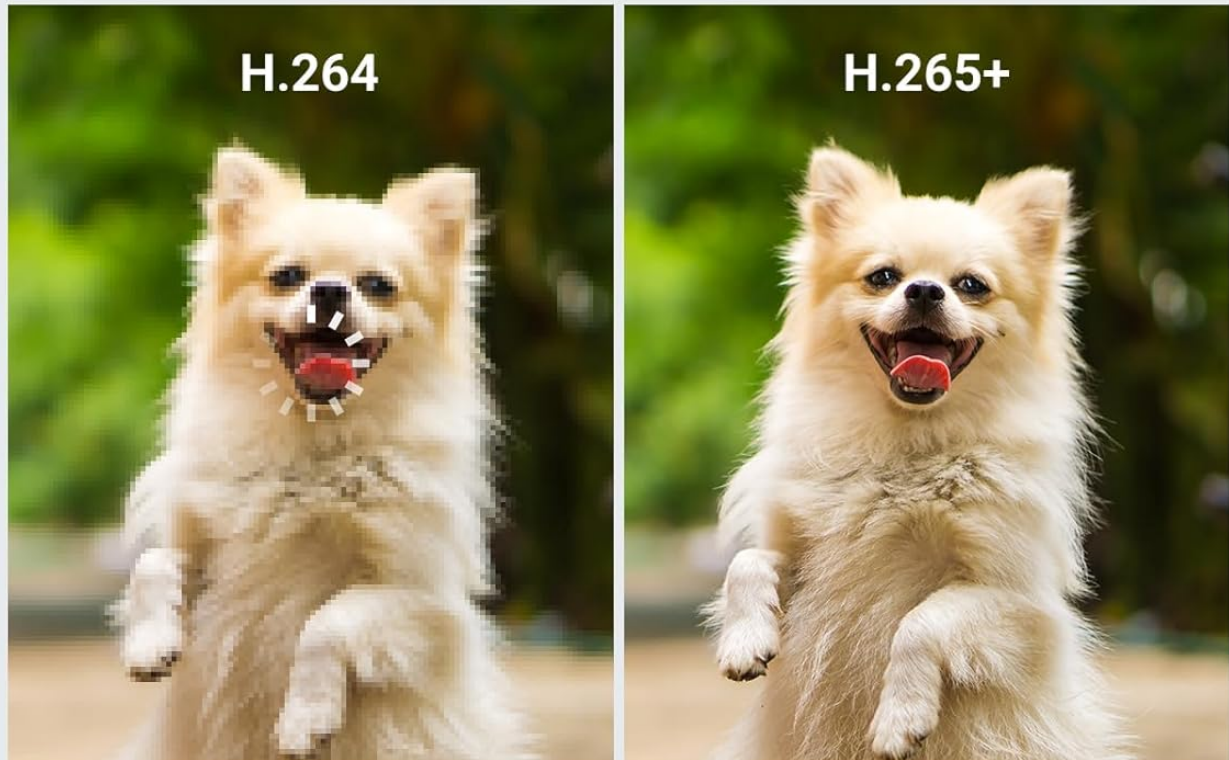


Figure 6: Visual representation of H.265+ compression efficiency versus H.264.

Remote Access

Access your surveillance system remotely from anywhere using the ANNKE Vision App on your smartphone or tablet, or through web browsers on your computer. This feature provides real-time monitoring and playback capabilities on the go.

- Download the **ANNKE Vision App** from your device's app store.
- Register an account and add your DVR by scanning the QR code or manually entering device details.
- Ensure your DVR is connected to the internet.

Easy Remote Control



Figure 7: Remote access to the DVR via the ANNKE Vision App on various devices.

Your browser does not support the video tag.

Video 2: This video highlights the features of the ANNKE 16CH 2MP Lite DVR, including its AI capabilities and remote access options.

Advanced Smart Playback

The smart playback feature allows you to quickly locate specific events on the recording timeline, saving time when reviewing footage. Events triggered by motion detection or other alarms are marked for easy identification.

Advanced Smart Playback

Locate events to save time



Figure 8: Smart Playback interface with event markers on the timeline.

24/7 Non-stop Recording

With a properly installed hard drive, the DVR supports continuous 24/7 recording, ensuring every second of activity is captured for utmost security. This provides a complete record of events for review.

24/7 Non-stop Recording

Record every second to bring utmost security



Figure 9: The DVR's continuous recording capability.

MAINTENANCE

- **Regular Cleaning:** Gently wipe the exterior of the DVR with a soft, dry cloth to remove dust. Ensure ventilation openings are clear of obstructions.
- **Firmware Updates:** Periodically check the ANNKE official website for firmware updates to ensure optimal

performance, security, and access to new features.

- **Hard Drive Health:** Monitor the health of your installed hard drive through the DVR's system settings. Replace the hard drive if any errors or warnings are detected to prevent data loss.
- **Data Backup:** Regularly back up important video footage to an external storage device or cloud service to prevent accidental loss.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video output on monitor.	Loose HDMI/VGA cable, incorrect input selected on monitor, DVR not powered on.	Check cable connections, ensure monitor is on correct input, verify DVR power indicator.
Cannot access DVR remotely.	No internet connection, incorrect network settings, firewall blocking access, app issues.	Verify network cable connection, check router status, ensure port forwarding is configured (if necessary), restart DVR and router, reinstall ANNKE Vision App.
No recording or hard drive not detected.	Hard drive not installed, loose HDD cables, unformatted HDD, faulty HDD.	Ensure HDD is correctly installed and cables are secure. Format the HDD via DVR settings. If issues persist, test with a different HDD.
False motion detection alerts.	Sensitivity too high, environmental factors (e.g., swaying trees, animals).	Adjust motion detection sensitivity in settings. Utilize AI Human/Vehicle Detection to filter out irrelevant movements.

For more detailed troubleshooting or issues not covered here, please refer to the comprehensive User Manual or contact ANNKE customer support.

SPECIFICATIONS

Feature	Detail
Model Number	AU-DN61RA000/V5
Brand	ANNKE
Video Inputs	16-Channel (TVI, AHD, CVI, CVBS) + 2 IP Cameras
Video Compression	H.265+ / H.265 / H.264+ / H.264
Max Recording Resolution	1080P Lite
Hard Drive Support	Up to 6 TB (1x SATA HDD)

Feature	Detail
Connectivity	VGA, HDMI, USB, BNC, Ethernet
Product Dimensions	10.24"L x 8.74"W x 1.77"H
Item Weight	3.31 pounds
Compatible Devices	Desktop, Tablet, Camera, Smartphone

WARRANTY AND SUPPORT

ANNKE is committed to providing high-quality products and excellent customer service. Your DVR is backed by a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official ANNKE website for specific warranty terms and conditions.

Customer Support

For any technical assistance, product inquiries, or support needs, ANNKE offers:







- **After-Sale Support:** Dedicated team to assist with post-purchase queries.
- **Quick Response:** Efficient handling of customer requests.
- **Lifetime Technical Help:** Ongoing technical support for the lifespan of your product.

You can reach ANNKE customer support through their official website or the contact information provided in your user manual.



Figure 10: ANNKE's commitment to data security with bank-level encryptions.

Related Documents - AU-DN61RA000/V5

	<p>ANNKE Digital Video Recorder User Manual</p> <p>Comprehensive user manual for ANNKE Digital Video Recorder (DVR) systems, covering installation, setup, operation, and troubleshooting. Learn how to connect cameras, configure settings, and ensure optimal security for your surveillance needs.</p>
	<p>ANNKE Digital Video Recorder Quick Start Guide - Setup and Operation</p> <p>Comprehensive quick start guide for ANNKE Digital Video Recorders (DVRs), covering setup, connection, configuration, remote access via mobile app and CMS client, and troubleshooting. Learn to install, activate, and manage your security system.</p>
	<p>ANNKE NVR User Manual</p> <p>This user manual provides comprehensive instructions for setting up, operating, and troubleshooting ANNKE Network Video Recorders (NVRs). It covers front and rear panel descriptions, connections, hard disk installation, menu operations, remote access via mobile and PC, software downloads, and frequently asked questions.</p>
	<p>ANNKE Digital Video Recorder Quick Start Guide</p> <p>A comprehensive quick start guide for ANNKE Digital Video Recorders (DVRs), covering installation, connections, and basic operations. Learn how to set up your DVR, install a hard drive, and navigate the menu for effective video surveillance.</p>
	<p>ANNKE Network Video Recorder User Manual</p> <p>Comprehensive user manual for the ANNKE Network Video Recorder (NVR), covering installation, setup, operation, remote access, and troubleshooting.</p>
	<p>ANNKE Digital Video Recorder (DVR) User Manual - Installation & Operation Guide</p> <p>Official user manual for ANNKE Digital Video Recorder (DVR). This guide provides comprehensive instructions for installation, setup, operation, remote access, software management, and safety guidelines. Includes regulatory information.</p>