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ANNKE AU-DW81KD1-V7-58BG-V3-P

ANNKE 3K Lite Wired Security Camera System User Manual

Model: AU-DW81KD1-V7-58BG-V3-P | Brand: ANNKE

1. Introduction

The ANNKE 3K Lite Wired Security Camera System provides robust surveillance for your home or business. This system features AI Human/Vehicle Detection, H.265+ video compression, and versatile 5-in-1 DVR compatibility, supporting TVI, AHD, CVI, CVBS, and IP cameras. With color night vision capabilities and IP67 weatherproof cameras, it ensures reliable 24/7 monitoring in various conditions. This manual will guide you through the setup, operation, and maintenance of your security system.



Figure 1: ANNKE 3K Lite Wired Security Camera System components.

2. What's in the Box?

Verify that all items are included in your package:

- 1x 8CH H.265+ 3K Lite DVR with 1TB Security-Grade Hard Drive Pre-Installed
- 8x 2MP Bullet Cameras
- 8x 60 ft BNC Cables & CCTV Cables for Cameras
- 3x Power Adapters
- 2x 4-to-1 Power Splitter Cables
- 8x Mounting Screw Kits
- 1x 5.9 ft/1.8 m HDMI Cable
- 1x USB Mouse
- 1x User Manual
- 1x Wall Sticker



Figure 2: All components included in the ANNKE security system package.

3. System Setup

Follow these steps to set up your ANNKE security system:

1. **Connect DVR to Monitor:** Use the provided HDMI cable (or VGA) to connect the DVR to a monitor or TV.
2. **Connect Power:** Plug the DVR's power adapter into the 12V DC Power Input on the DVR and then into a power outlet.
3. **Connect to Router (Optional for Remote Access):** For remote viewing, connect the DVR to your network router using an Ethernet cable.
4. **Connect USB Mouse:** Plug the USB mouse into any USB port on the DVR for navigation.
5. **Connect Cameras:**
   - Connect the BNC video cable from each camera to the corresponding 'VIDEO IN' port on the DVR.
   - Connect the camera's DC power input to the 4-to-1 power splitter cable, and then connect the splitter to a power adapter. Plug the power adapter into a power outlet.

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Video 1: Detailed guide on how to hook up an analog camera for your ANNKE DVR system, covering all necessary cable connections.

4. Operating Your System

4.1 AI Human/Vehicle Detection

The system features advanced AI Motion Detection 2.0, capable of accurately distinguishing between human and vehicle movements. This reduces false alarms triggered by animals or environmental factors. You can set flexible detection areas and use smart search functions to quickly locate relevant footage.



Figure 3: Illustration of AI-powered human and vehicle detection capabilities.



Figure 4: Real-time push notifications for human and vehicle detection events.



Figure 5: Smart search functionality on the mobile app to quickly find human and vehicle detection recordings.

4.2 Smart Dual-Light & Color Night Vision

The cameras are equipped with Smart Dual-Light technology, offering three night vision modes: black & white IR night vision (up to 100ft), full-color night vision (up to 66ft), and a smart mode that switches to color upon detecting motion. This ensures clear visibility even in complete darkness.



Figure 6: Visual comparison demonstrating the clarity of Smart Color Night Vision versus traditional black and white night vision.

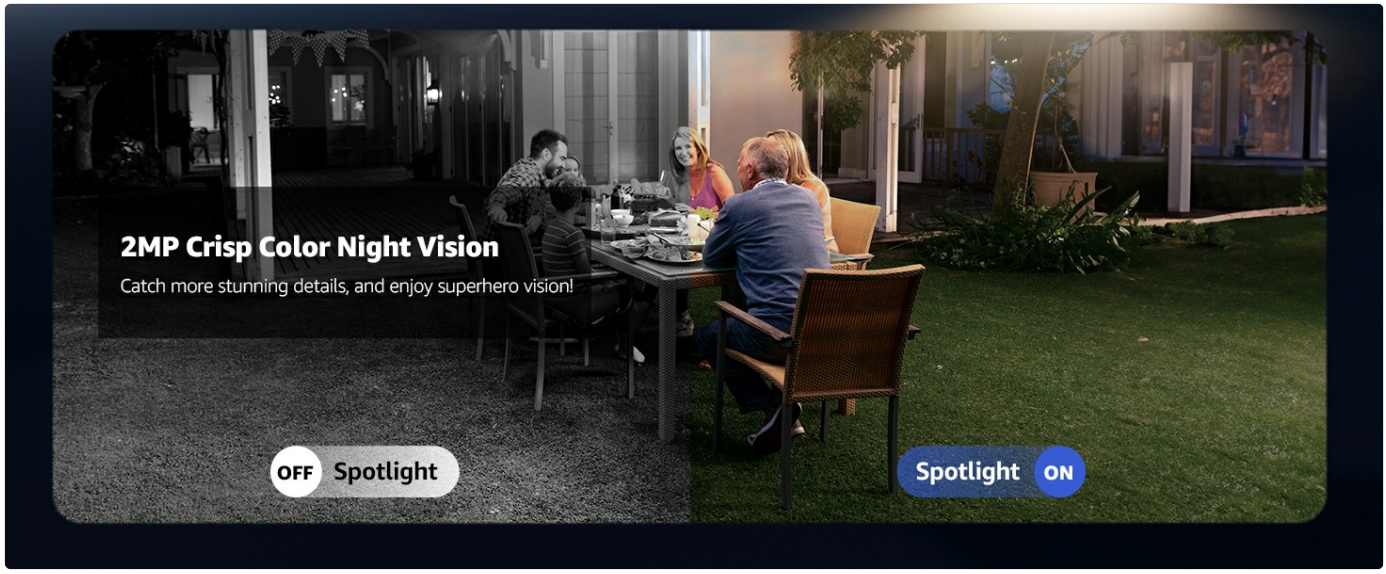


Figure 7: High-resolution color night vision with the option to activate a spotlight for enhanced detail.

4.3 Remote Access & Mobile App

Access your security system from anywhere using the ANNKE Vision mobile app. View live feeds, receive instant alerts, and review recorded footage directly from your smartphone, tablet, or computer. The app is available on both Google Play and the App Store.

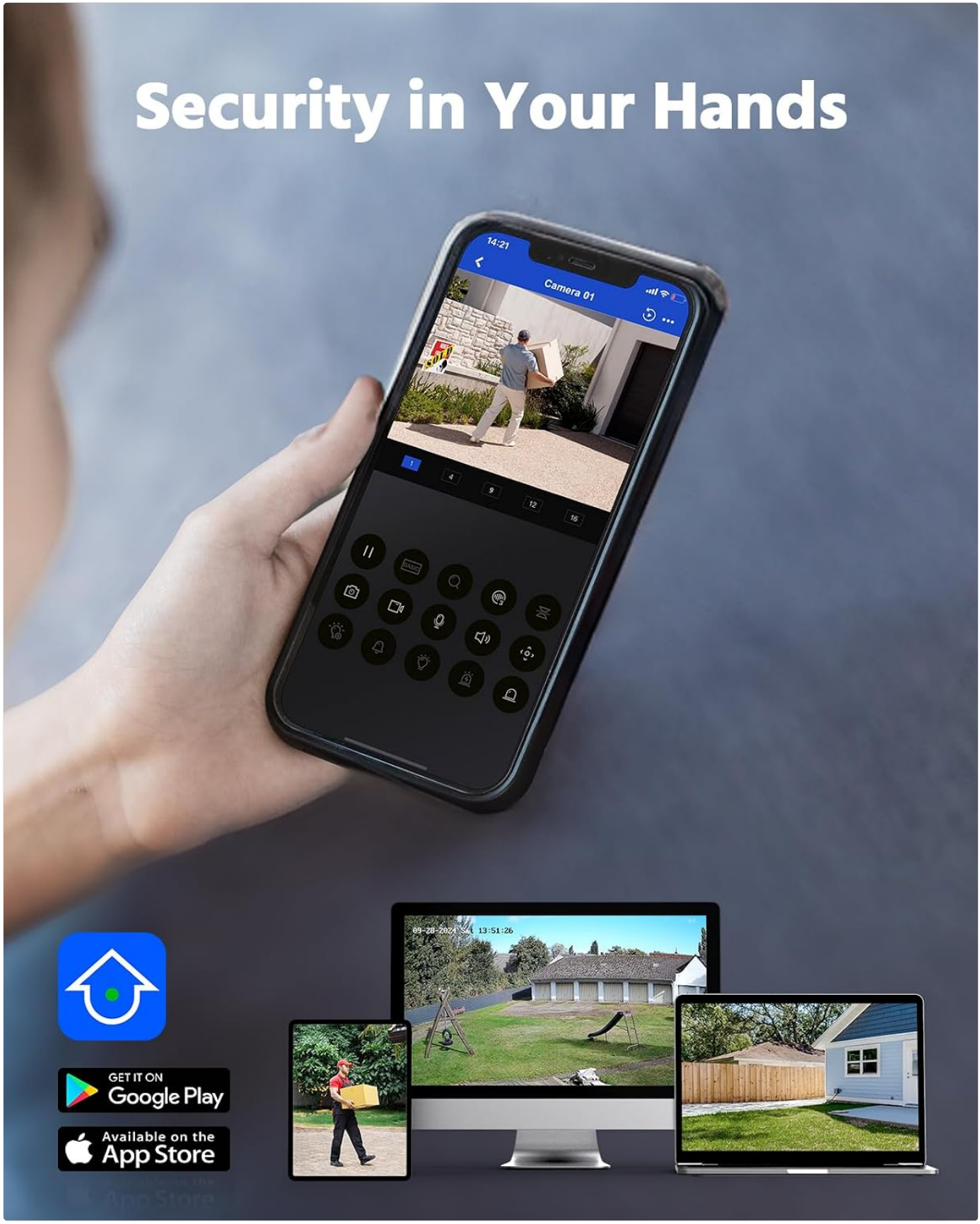


Figure 8: Monitor your security system conveniently from your mobile device.



Figure 9: Access live camera feeds across various devices including smartphones, tablets, and computers.

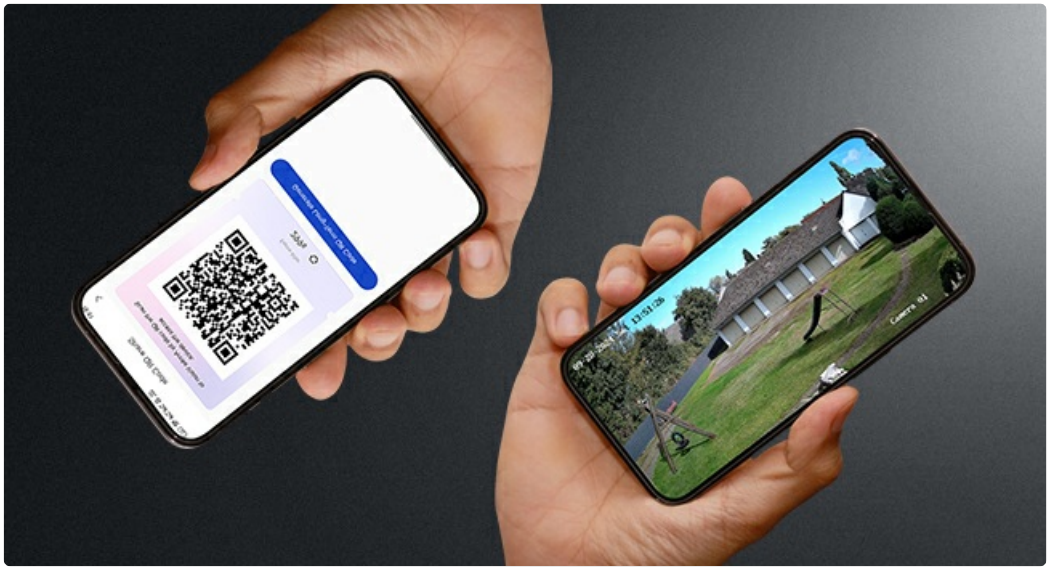


Figure 10: Simple setup process by scanning a QR code to connect your device to the system.

4.4 Privacy Mask

The privacy mask feature allows you to block out specific areas within the camera's view that you do not wish to record or monitor, ensuring privacy for neighboring properties or sensitive areas.

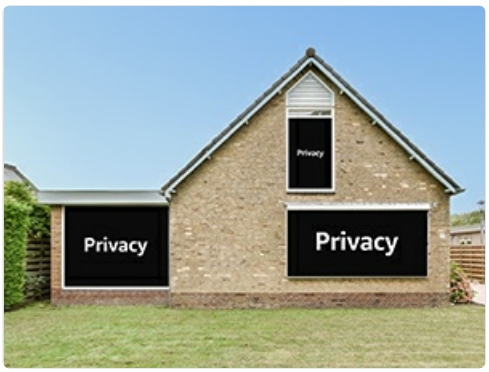


Figure 11: Example of privacy masking applied to specific areas within the camera's field of view.

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Video 2: Instructions on how to set up and configure privacy masks for your ANNKE 3K Lite DVR.

4.5 Channel Management (5-in-1 Compatibility)

The DVR supports 8 analog channels by default and 2 IP cameras for channel expansion. All 8 analog channels can be switched to IP channels as required, supporting up to 10 IP camera accesses. After enabling enhanced IP mode, it supports up to 12 network camera inputs.

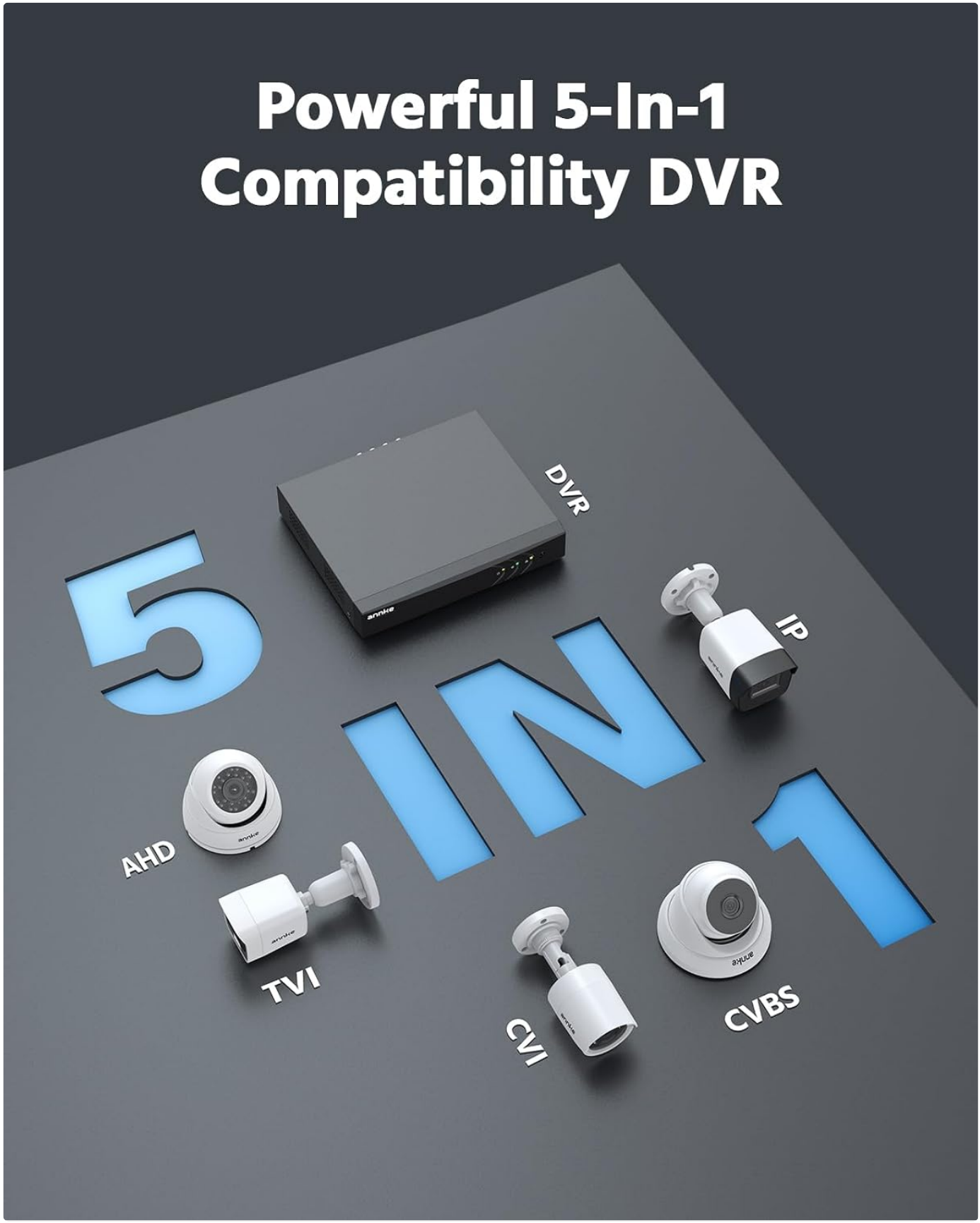


Figure 12: The DVR's compatibility with five different camera types: AHD, TVI, CVI, CVBS, and IP.

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Video 3: Learn how to switch window divisions on your ANNKE 3K Lite DVR for different viewing layouts.

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Video 4: Guide on how to change analog channels to IP channels on your ANNKE DVR for expanded camera compatibility.



Figure 13: The system can operate without an internet connection for local recording, ensuring continuous surveillance.



Figure 14: Enjoy smooth live video feeds at 20 frames per second for fluid monitoring.



Figure 15: High-definition 1080P resolution provides clear and detailed images.

5. Maintenance

5.1 Hard Drive Management

The system comes with a pre-installed 1TB surveillance-grade HDD, providing reliable 24/7 continuous recording. It supports up to 10TB HDD for extended storage. The H.265+ video compression technology significantly reduces file size, saving storage space and bandwidth while maintaining video quality.



Figure 16: The included hard drive is designed for continuous 24/7 surveillance recording.

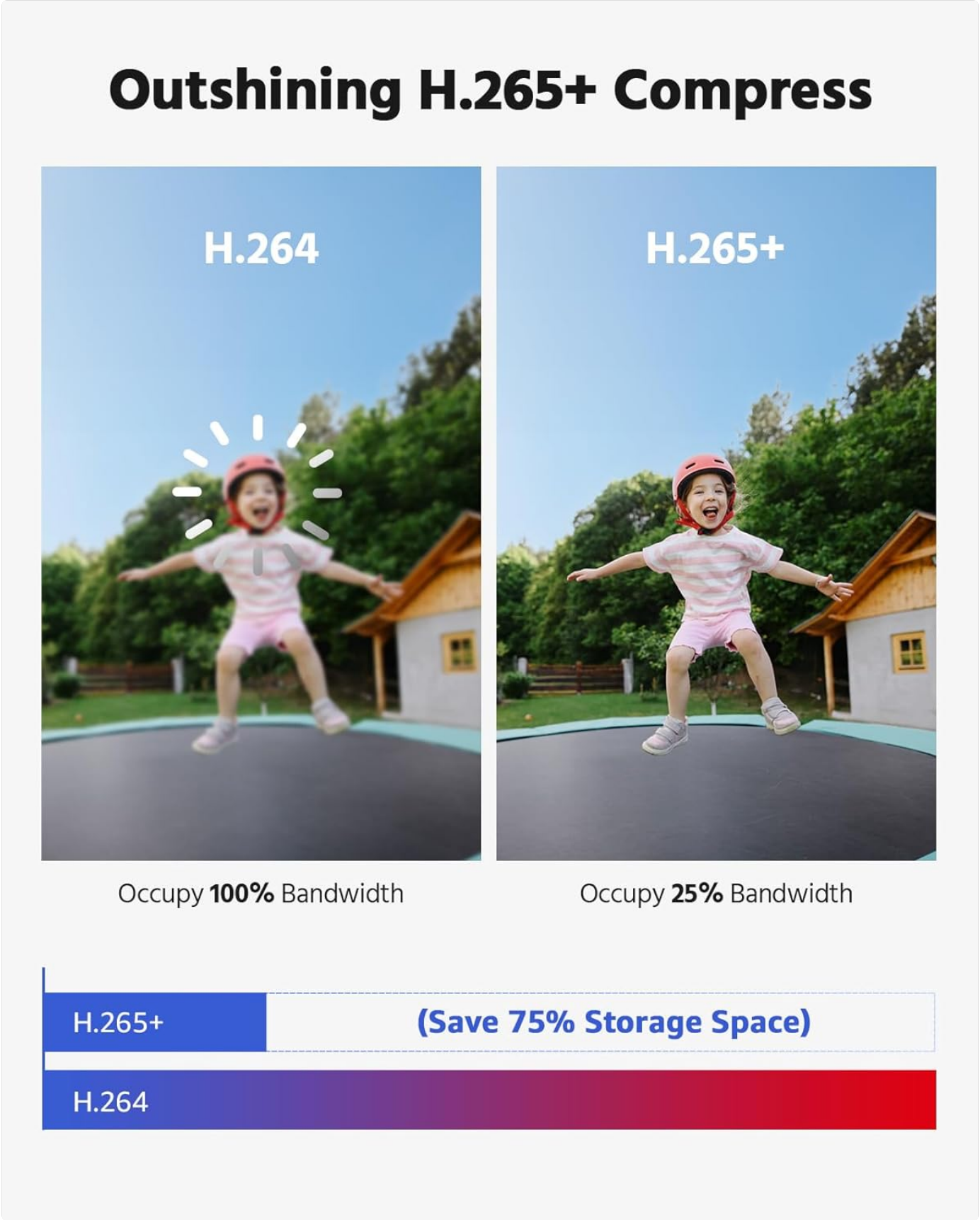


Figure 17: H.265+ compression technology saves up to 75% more storage space compared to H.264.

Figure 18: The DVR supports scalable storage up to 10TB for extensive video recording.

5.2 Camera Care

The cameras are IP67 weatherproof, designed to withstand extreme temperatures from -40°F to 140°F (-40°C to 60°C). While robust, regular cleaning of the lens with a soft cloth is recommended to ensure optimal image clarity. Avoid using harsh

chemicals.



Figure 19: The IP67 weatherproof rating ensures the cameras can operate reliably in various weather conditions.

6. Troubleshooting

If you encounter issues with your ANNKE security system, please refer to the following common troubleshooting tips:

- **No Video Output:** Check all cable connections (HDMI/VGA, BNC, power). Ensure the monitor is set to the correct input source.
- **No Recording:** Verify the hard drive status in the DVR settings. Ensure motion detection or continuous recording is enabled.
- **No Remote Access:** Check network cable connection to the router. Ensure the DVR has an active internet connection and port forwarding (if required by your network setup) is correctly configured. Verify app settings and login credentials.
- **False Alarms:** Adjust AI detection sensitivity and detection zones in the DVR settings to minimize unwanted alerts.
- **Poor Night Vision:** Ensure the camera lens is clean. Check for obstructions in the camera's field of view.

For more detailed troubleshooting or technical assistance, please contact ANNKE customer support.

7. Specifications

Feature	Detail
Brand	ANNKE
Model Number	AU-DW81KD1-V7-58BG-V3-P
Connectivity Technology	Wired
Video Capture Resolution	1080p
Special Feature	Vehicle Detection, Human Detection
Number of Channels	8
Memory Storage Capacity	1000 GB (1TB)
Color	White
Power Source	Corded Electric
Item Dimensions L x W x H	17.32 x 13.39 x 7.09 inches
Recommended Uses For Product	Home Security, Night Vision, Motion Detection
Compatible Devices	Smartphones, Personal Computers, TV, Tablets, Laptops
Signal Format	Analog
Other Camera Features	Outdoor, 1080p HD, Night Vision
Low Light Technology	Night color
Night Vision Range	100 Feet
Frame Rate	30fps
Recording Mode	Motion Detection

Feature	Detail
Optical Sensor Technology	CMOS
Total USB Ports	1
Hardware Interface	VGA
Video Input	VGA, USB, BNC, HDMI
Item Weight	8 pounds
Product Dimensions	17.32 x 13.39 x 7.09 inches

8. Warranty & Support

ANNKE is committed to providing a trustworthy security solution. Our products undergo severe testing and conform to international standards (UL, CE, FCC, HDMI, etc.). The ANNKE App adheres to GDPR regulations, ensuring all data transfer and downloading are secure.

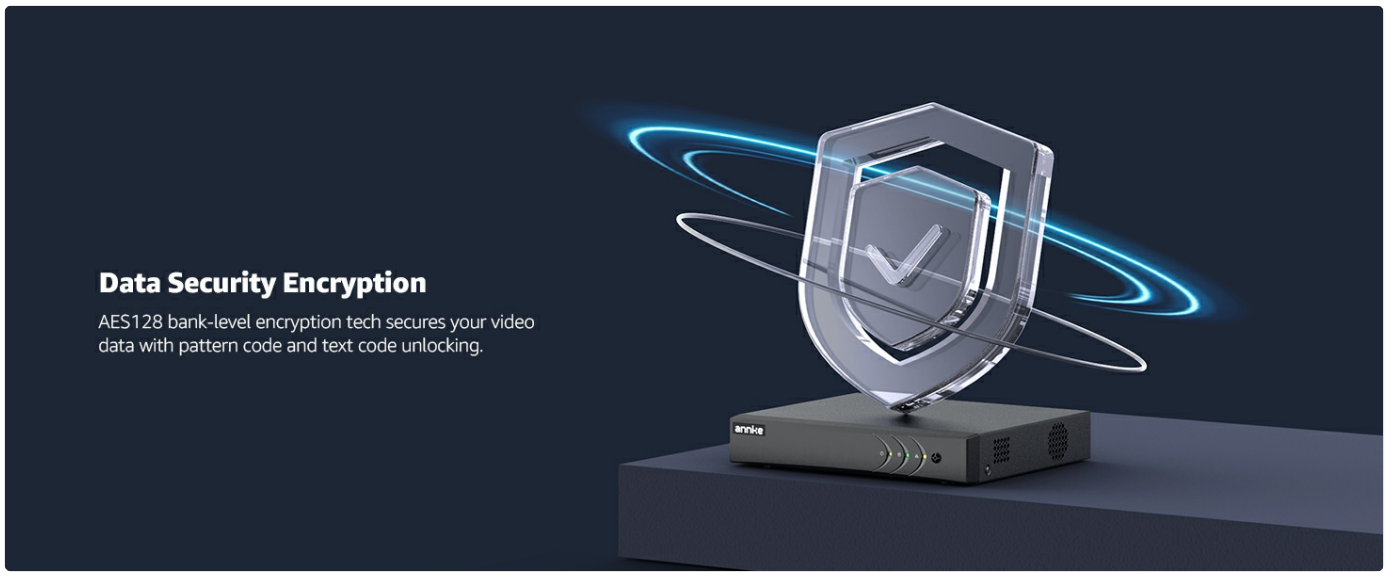


Figure 20: AES 128 bank-level encryption technology secures your video data.

We offer professional support with no monthly fees. Each item includes a unique Transparency code for authenticity verification. For any inquiries or technical assistance, please reach out to our dedicated support team.

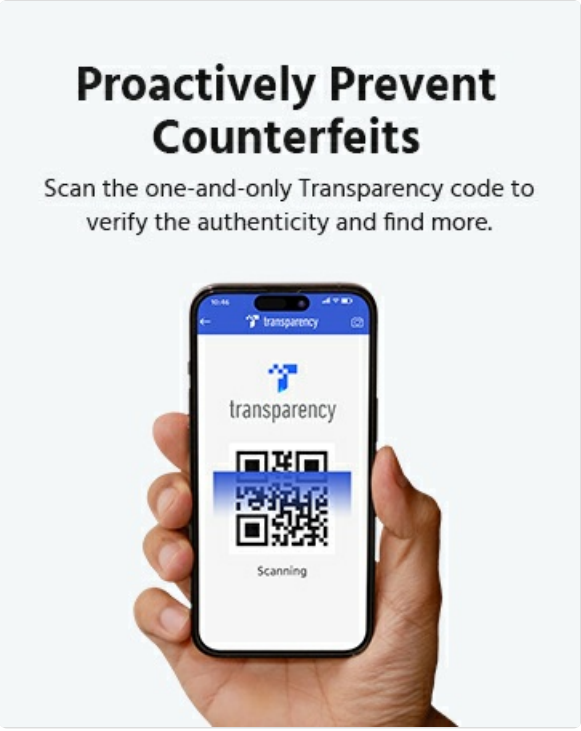


Figure 21: Scan the unique Transparency code to verify product authenticity.

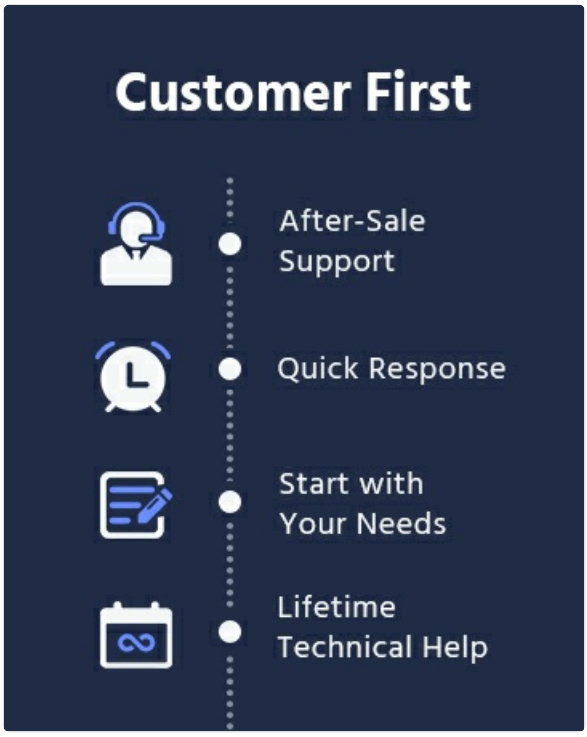


Figure 22: Our customer-first approach ensures quick response and lifetime technical support.

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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.

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