ANNKE AU-DW81KD2-V6-R8CV-P

ANNKE 8-Channel 3K Security Camera System User Manual

Model: AU-DW81KD2-V6-R8CV-P

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your ANNKE 8-Channel 3K Security Camera System. This system is designed for comprehensive surveillance, offering high-resolution video, advanced detection capabilities, and robust weather resistance.

2. What's in the Box

Verify that all components are present before beginning installation:

- 1x 8CH 3K Lite Surveillance DVR with 2TB Hard Drive
- 8x 3K CCTV Cameras with One Way Audio
- 8x 60ft BNC Cables
- 3x Power Adapters
- 2x 1-to-4 Splitter cables
- 1x USB Mouse
- 1x HDMI Cable
- 1x Network Cable
- 1x User Manual
- 1x Wall Sticker

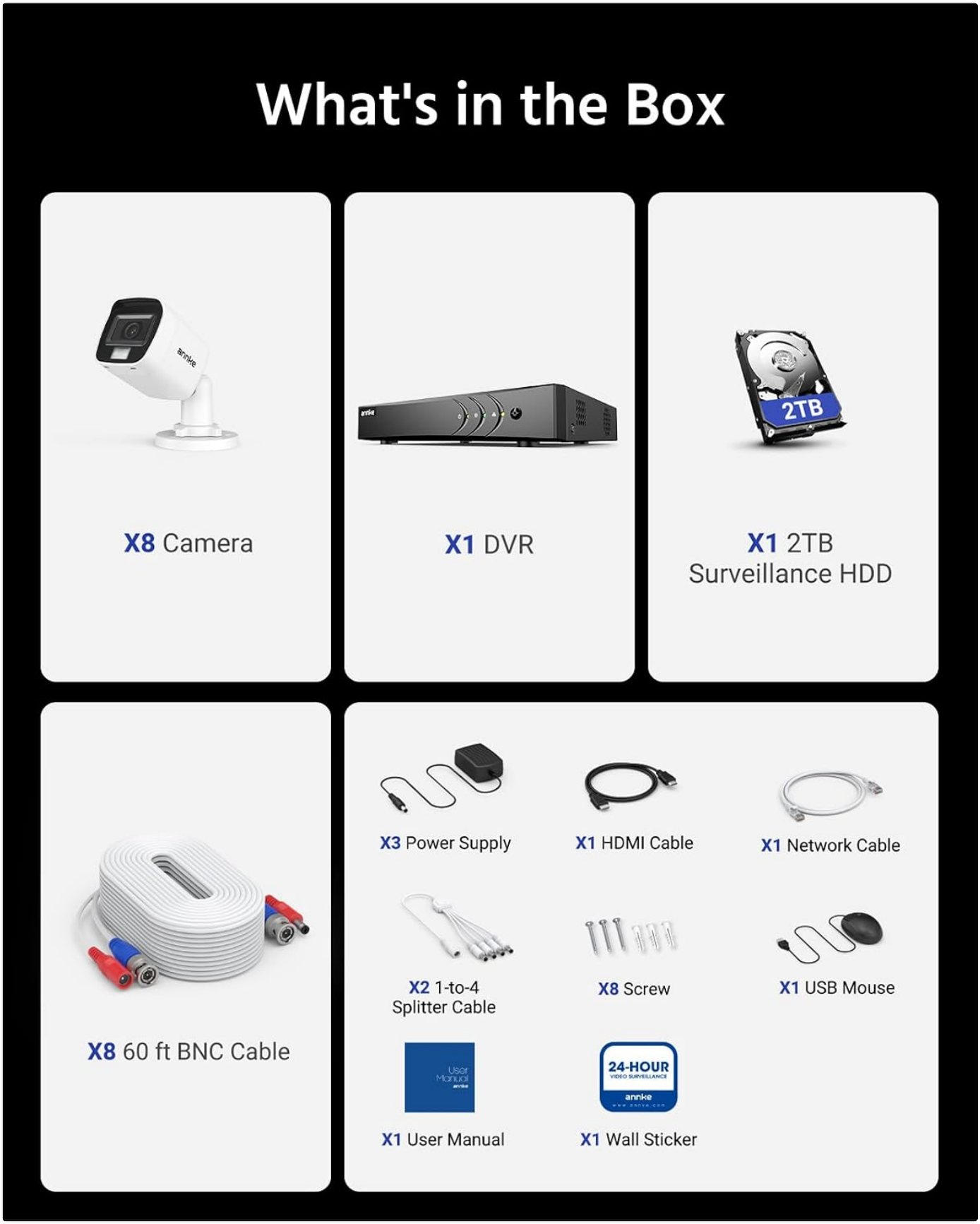


Image: All components included in the ANNKE 8-Channel 3K Security Camera System package, including the DVR, 8 cameras, cables, power adapters, and documentation.

3. Setup and Installation

3.1 DVR Connection

1. Connect the DVR to a power source using one of the provided power adapters.

2. Connect the DVR to a monitor using the HDMI cable (or VGA cable).
3. Connect the USB mouse to a USB port on the DVR for navigation.
4. For network access, connect the DVR to your router using the Ethernet cable.

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Video: This video demonstrates how to connect an analog camera to the ANNKE DVR system, including power, video, and network connections.

3.2 Camera Installation

1. Mount each camera in the desired location using the provided screws. Ensure the location provides optimal viewing angles and is within reach of power and BNC cables.
2. Connect the 60ft BNC cables to the video output of each camera and the corresponding video input on the DVR.
3. Use the 1-to-4 splitter cables and power adapters to provide power to the cameras.
4. Ensure all connections are secure and weather-sealed for outdoor cameras (IP67 rated).



Image: Overview of the ANNKE 8-Channel 3K Security Camera System, showing the DVR unit and eight bullet-style cameras.

4. Operating Instructions

4.1 Initial Setup and Interface Navigation

Upon first power-up, follow the on-screen wizard to configure basic settings such as language, time zone, and password.

Use the USB mouse to navigate the DVR interface.

4.2 Night Vision Modes

The cameras feature three night vision modes:

- **Smart Light Mode (Default):** Black and white night vision automatically switches to color when human or vehicle motion is detected.
- **White Light Mode:** Provides full-color night vision using built-in white LEDs.
- **IR Night Vision:** Standard black and white infrared night vision.



Image: Illustrates the clarity of video footage during both day and night conditions with the ANNKE system.

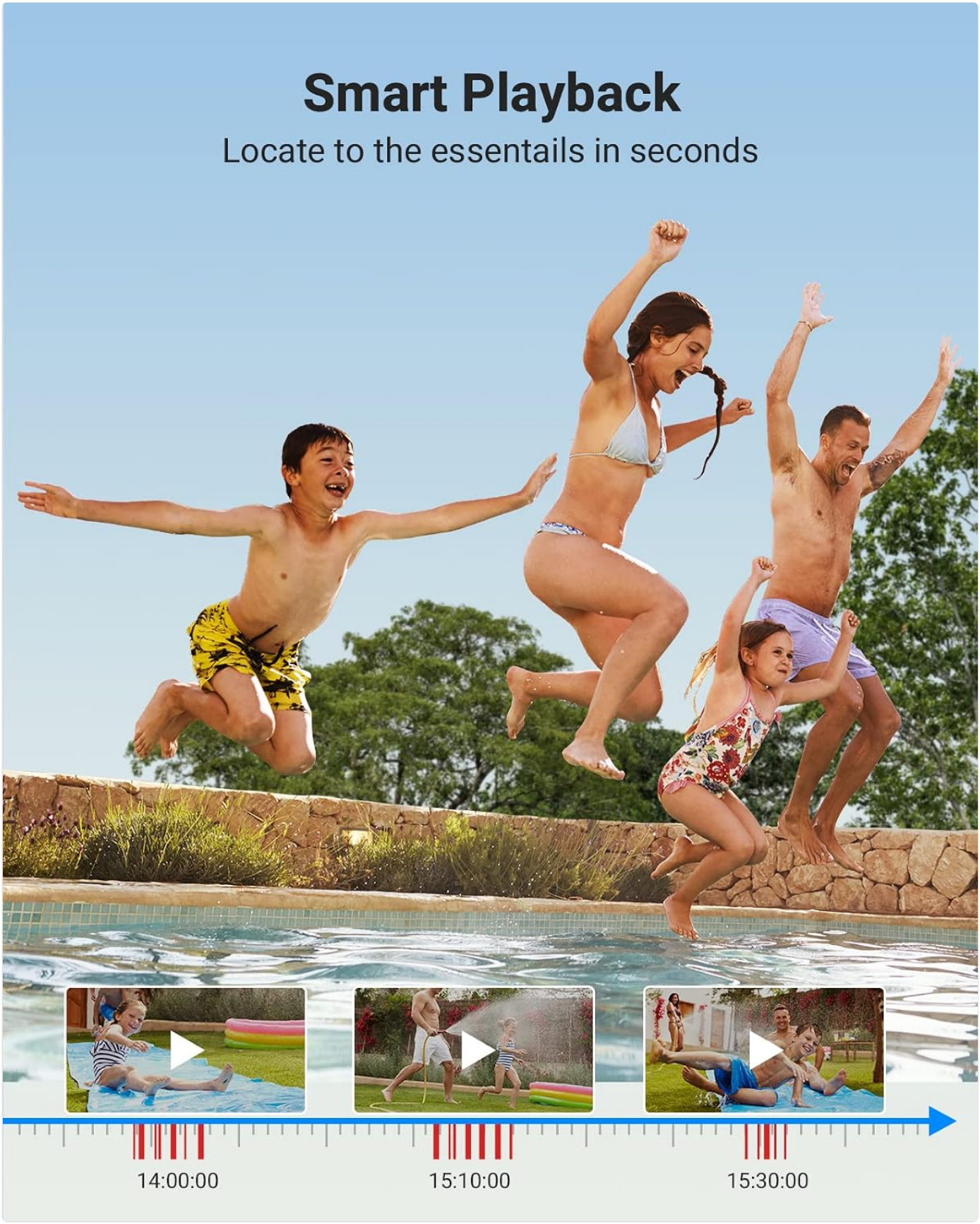


Image: Demonstrates the Smart Dual-Light feature, where black and white night vision transitions to color upon human or vehicle detection.

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Video: This video highlights the 3K Smart Dual-Light camera with built-in microphone, showcasing its night vision capabilities and audio recording.

4.3 Human/Vehicle Detection

The DVR system utilizes advanced algorithms for accurate human and vehicle detection, minimizing false alarms. You

can configure specific detection zones via the DVR interface.



Image: Shows intelligent motion detection in action, with alerts sent via app push, email, and an audible buzzer.

4.4 Remote Access and Playback

Access live view and recorded footage remotely using the ANNKE Vision app on your smartphone or tablet. The system supports smart playback to quickly locate essential events.

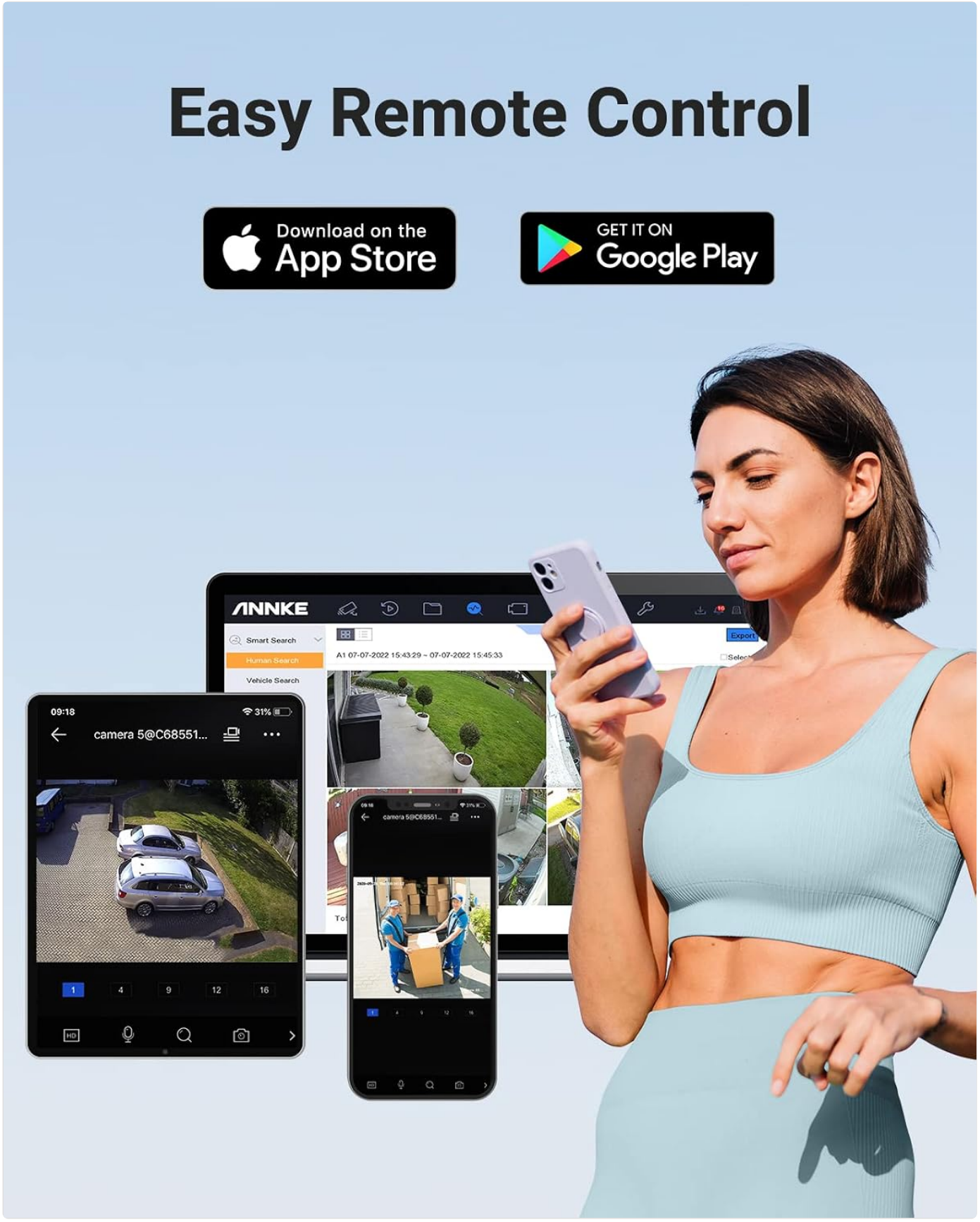


Image: Demonstrates the ease of remote control and viewing through dedicated smartphone and tablet applications.



Image: Illustrates the smart playback feature with a timeline, allowing users to quickly locate and review specific events.

4.5 Privacy Masking

To protect privacy in sensitive areas, you can configure privacy masks. These masks block out specific regions in the camera's view from being recorded or displayed.

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Video: This video provides instructions on how to set up privacy masks for the ANNKE 3K Lite DVR system.

5. Maintenance

5.1 Hard Drive Management

The system includes a 2TB surveillance-grade hard drive. The H.265+ video compression technology optimizes storage, saving up to 80% more space compared to H.264. Regularly check the hard drive status via the DVR menu to ensure continuous recording.

5.2 Camera Care

The cameras are IP67 rated for weather resistance. Periodically clean the camera lenses with a soft, damp cloth to ensure clear image quality. Avoid using harsh chemicals.

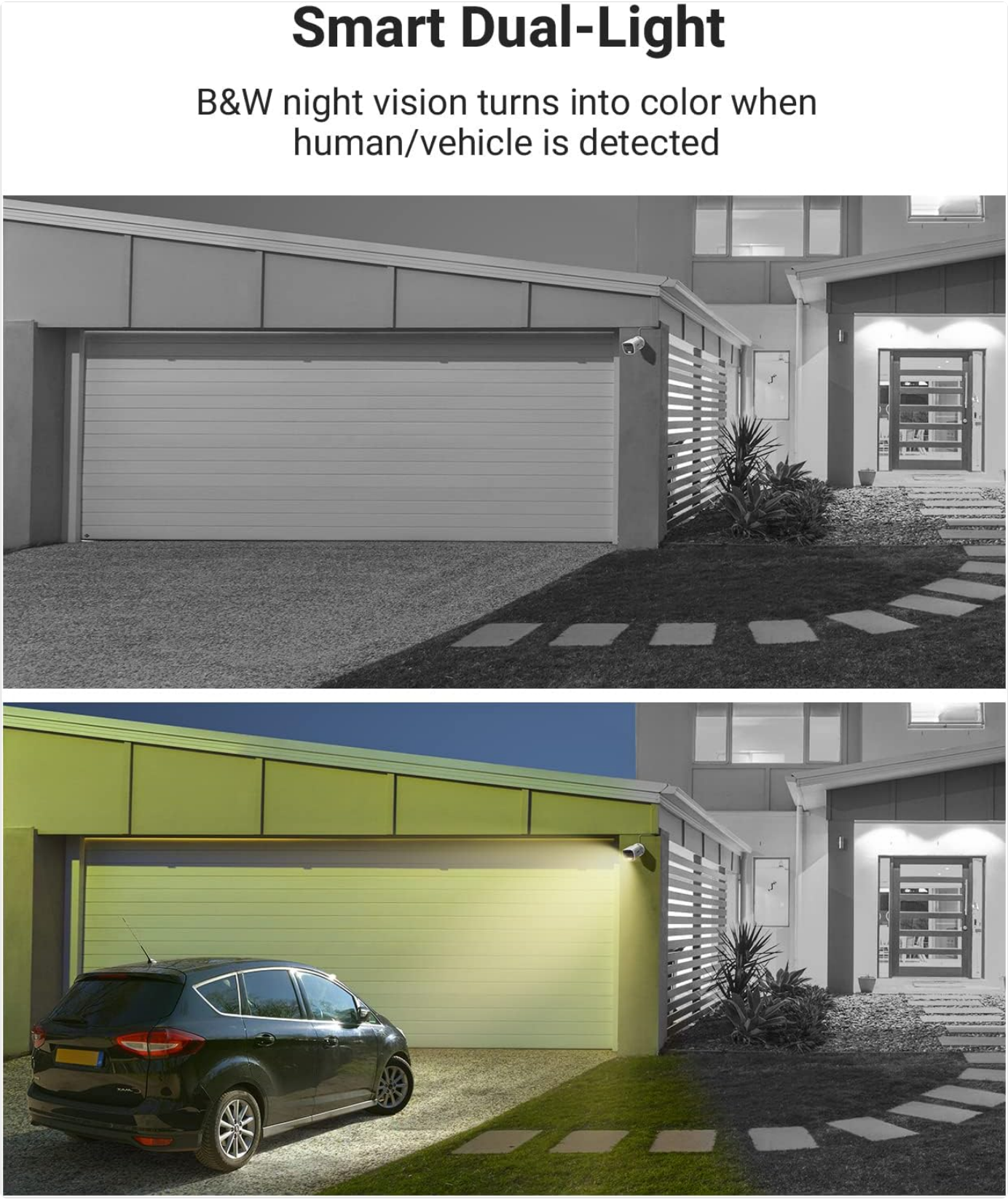


Image: An ANNKE camera being splashed with water, illustrating its IP67 weather-proof design for outdoor use.

6. Troubleshooting

Problem	Possible Cause	Solution
No video display on monitor.	Loose cable connection, incorrect input source on monitor, power issue.	Check HDMI/VGA cable connections. Ensure DVR and monitor are powered on. Select correct input source on monitor.

Problem	Possible Cause	Solution
No remote access.	Network connection issue, incorrect app settings.	Verify DVR is connected to the internet. Check router status. Reconfigure app settings and ensure correct port forwarding if necessary.
False motion alerts.	Sensitive detection settings, environmental factors (e.g., moving branches).	Adjust motion detection sensitivity. Configure specific detection zones to exclude irrelevant areas.
Poor night vision quality.	Dirty lens, insufficient ambient light, incorrect night vision mode.	Clean camera lens. Ensure adequate ambient light for color night vision. Switch to appropriate night vision mode.

7. Specifications

- **Brand:** ANNKE
- **Model:** AU-DW81KD2-V6-R8CV-P
- **Connectivity Technology:** Wired
- **Video Capture Resolution:** 3K (2960x1665 @ 20fps)
- **Special Features:** Audio Recording, Human Detection, Night Vision (Smart Dual-light, White Light, IR), Vehicle Detection
- **Number of Channels:** 8
- **Memory Storage Capacity:** 2 TB HDD (expandable up to 10TB)
- **Color:** White
- **Power Source:** Corded Electric
- **Item Dimensions (L x W x H):** 17.32 x 13.38 x 7.08 inches
- **Operating System:** Proprietary/Embedded OS
- **Compatible Devices:** Cameras, Laptops, Personal Computers, Smartphones, Tablets
- **Other Camera Features:** Front
- **Low Light Technology:** Night Vision
- **Night Vision Range:** 20 Meters
- **Frame Rate:** 20fps, 25fps, 30fps
- **Recording Mode:** Video, Audio
- **Hardware Interface:** Ethernet
- **Lens Type:** Fixed
- **Video Input:** CVBS
- **Viewing Angle:** 72.6 Degrees
- **IP Rating:** IP67 (Cameras)
- **Video Compression:** H.265+

8. Warranty and Support

ANNKE provides comprehensive customer support and warranty services for this product. For technical assistance, troubleshooting, or warranty claims, please refer to the following:

- **Technical Support:** Lifetime technical support is available.

- **Warranty:** Information regarding specific warranty periods and terms can be found on the official ANNKE website or by contacting customer service.
- **Online Resources:** Visit the official ANNKE website for FAQs, software updates, and additional support materials.

Your sense of safety about your property and privacy is assured, as the product complies with GDPR, HTTPS, UL, CE, HDMI, etc.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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.

Submit question