ANNKE AU-DW81KD2-V3-58BH

ANNKE 8 Channel 1080P H.265+ 5MP Lite DVR CCTV Camera System User Manual

Model: AU-DW81KD2-V3-58BH

1. System Overview

This manual provides instructions for the ANNKE 8 Channel 1080P H.265+ 5MP Lite DVR CCTV Camera System. This system is designed for comprehensive surveillance, offering high-definition video recording and remote monitoring capabilities. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

1.1 Key Features

- **1080p Wired Security Cameras & 8 Channel DVR:** Eight 1080p cameras provide clear live views at 30 frames per second with up to 100 ft night vision. The 5-in-1 5MP Lite DVR supports TVI, AHD, CVI, CVBS, and IP cameras.
- **H.265+ Video Compression & 2 TB Surveillance Hard Drive:** The included 2 TB hard drive is optimized for continuous video surveillance, offering efficient storage and fast data access. H.265+ compression reduces bandwidth and storage requirements.
- **Remote Access & Smart Motion Alerts:** Access and control the system remotely via smartphones, tablets, or computers using the ANNKE Vision app. Receive real-time app pushes and email alerts with snapshots upon motion detection.
- **IP66 Weatherproof Cameras:** Cameras are rated IP66 for outdoor use, capable of withstanding various weather conditions and operating in extreme temperatures.
- **All-Around Certifications & Secure App:** Devices are certified by UL, CE, FCC, HDMI. The ANNKE App adheres to GDPR for secure data handling.

1.2 Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 × 8-Channel 5MP Lite DVR (with 2TB HDD pre-installed)
- 8 × 2MP Wired Bullet Cameras

- 8 × 60ft BNC Video Cables
- 2 × 4-to-1 Splitter Cables
- 3 × Power Adapters
- 1 × USB Mouse
- 1 × User Manual (this document)



Figure 1: ANNKE 8 Channel CCTV Camera System components. This image displays the DVR unit, eight bullet-style security cameras, and a visual representation of the 2TB hard drive.

2. System Setup

Follow these steps to set up your ANNKE CCTV camera system. Ensure all components are connected securely before powering on.

2.1 Initial Hardware Connection

1. **Connect Cameras:** Connect each camera to the DVR using the provided 60ft BNC video cables. Ensure the BNC connectors are twisted securely.
2. **Power Cameras:** Use the 4-to-1 splitter cables and power adapters to provide power to the cameras. Connect the splitter to the power adapter, then connect the camera power inputs to the splitter outputs.
3. **Connect DVR to Monitor:** Connect the DVR to a monitor using an HDMI or VGA cable (not included).
4. **Connect USB Mouse:** Plug the included USB mouse into a USB port on the DVR.

5. **Connect to Network (Optional but Recommended):** For remote access and alerts, connect the DVR to your router using an Ethernet cable (not included).
6. **Power On DVR:** Connect the DVR's power adapter to the DVR and then to a power outlet. The system will boot up.

2.2 Initial Configuration

Upon first boot, the DVR will guide you through an initial setup wizard. This typically includes:

- Setting up an administrator password.
- Configuring date and time settings.
- Network settings (DHCP is usually sufficient for most home networks).
- Hard drive initialization (if prompted).

2.3 Remote Access Setup (ANNKE Vision App)

To access your system remotely, download the ANNKE Vision app on your smartphone or tablet.

1. Download the "ANNKE Vision" app from the App Store (iOS) or Google Play Store (Android).
2. Create an account and log in.
3. Add your DVR device by scanning the QR code displayed on the DVR's monitor (usually found in the network settings or P2P/Cloud section) or by manually entering the device's serial number.
4. Follow the in-app instructions to complete the device addition.



Figure 2: Remote access to the ANNKE system is available through various devices, including smartphones, tablets, and desktop computers, using the ANNKE Vision application.

3. Operation

This section covers the basic operation of your ANNKE CCTV system, including live view, recording, playback, and alerts.

3.1 Live View

After successful setup, the DVR will display the live feed from all connected cameras on the connected monitor. You can switch between single-camera view and multi-camera grid view using the DVR's interface (controlled by the USB mouse).

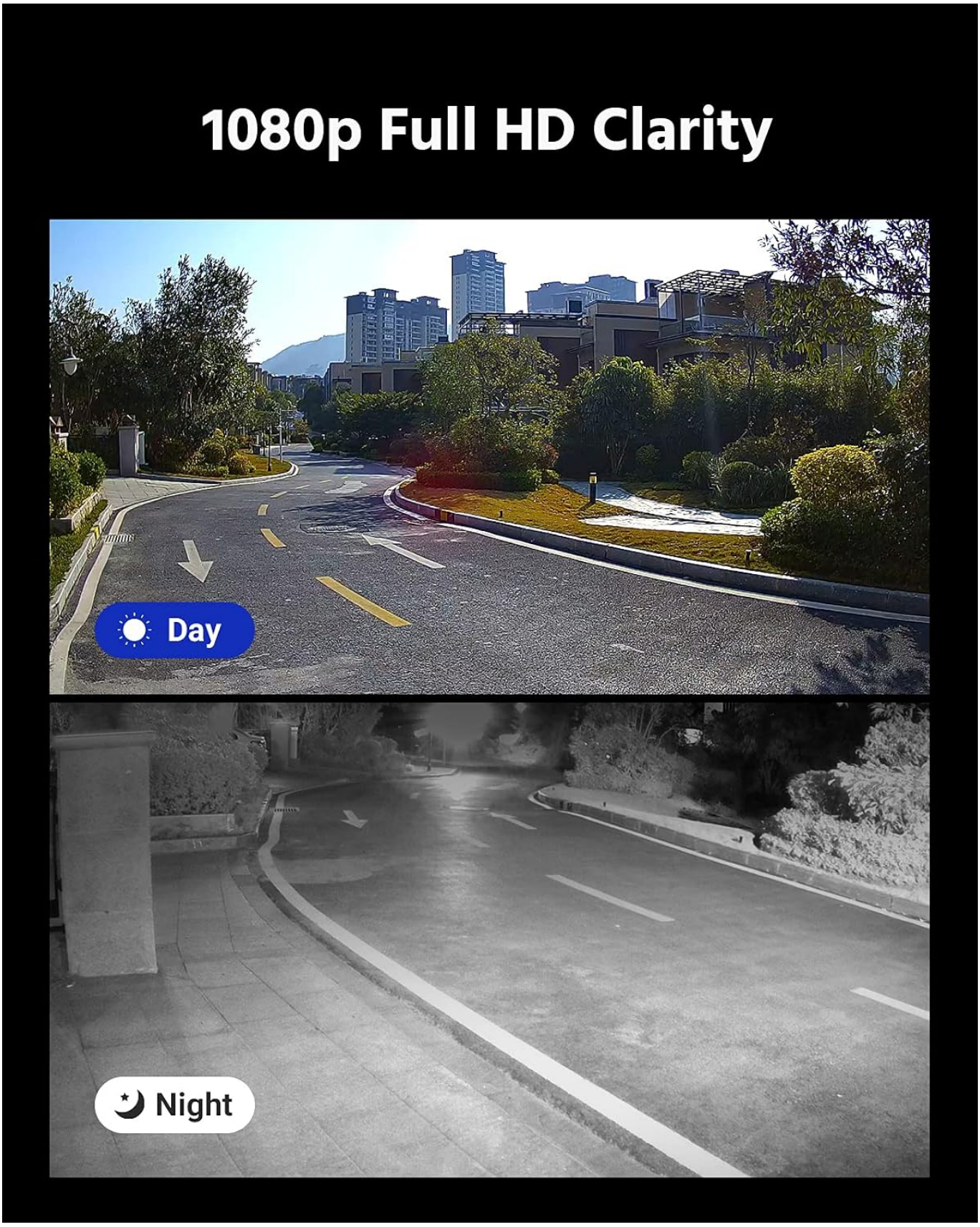


Figure 3: This image illustrates the 1080p Full HD clarity of the cameras, showing a clear comparison between daytime and nighttime video capture.



Figure 4: A visual comparison demonstrating the effectiveness of Smart IR technology in night vision, showing a clearer image with Smart IR compared to without.

3.2 Recording Modes

Your DVR supports various recording modes to optimize storage and capture relevant events. These can be configured in the DVR's menu under "Record" or "Schedule".

- **Continuous Recording:** Records 24/7 without interruption.
- **Motion Detection Recording:** Records only when motion is detected in the camera's view. This saves storage

space.

- **Scheduled Recording:** Records during specific time periods set by the user.
- **Event Recording:** Records based on specific triggers, such as alarm inputs.

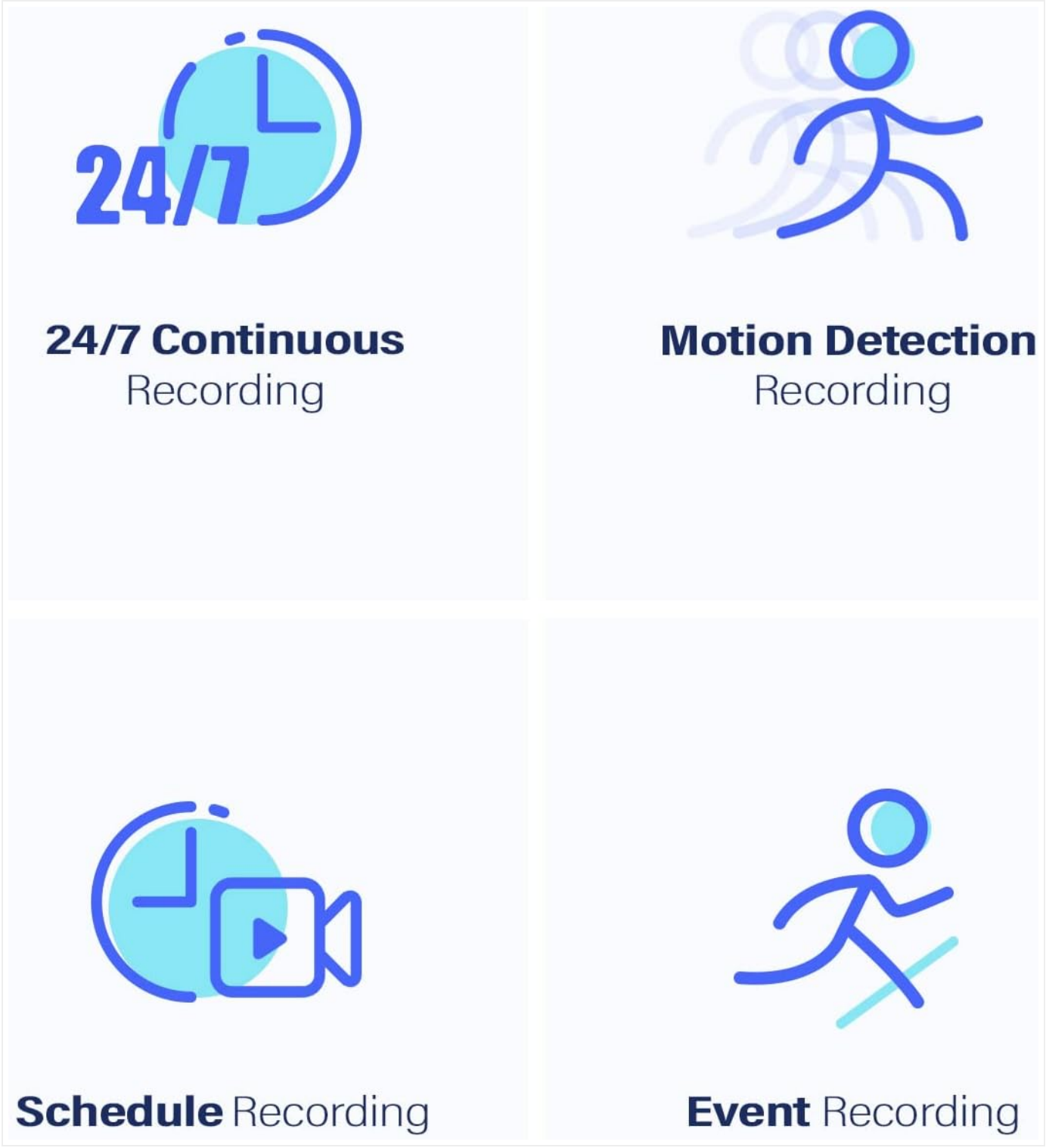


Figure 5: This image displays icons for different recording modes: 24/7 Continuous Recording, Motion Detection Recording, Schedule Recording, and Event Recording.

3.3 Playback

To review recorded footage, navigate to the "Playback" section in the DVR menu.

- Select the desired camera(s) and date.
- Use the timeline to navigate through recordings. Different colors on the timeline often indicate different recording types (e.g., continuous, motion).
- **Smart Search:** This feature allows you to quickly locate video clips with specific events. Mark a search area on the

video, and the system will highlight segments with detected movement.

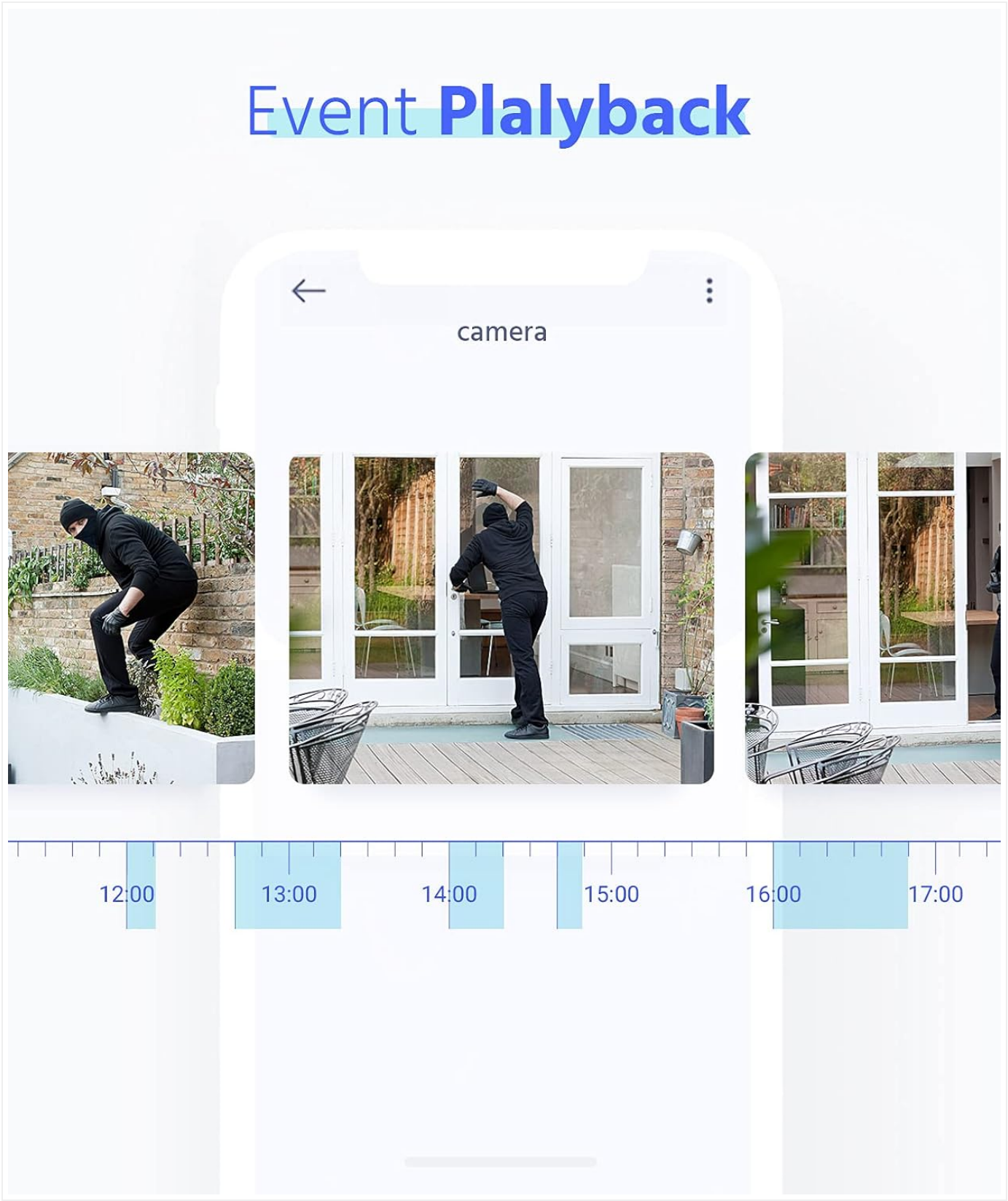


Figure 6: A screenshot of the event playback interface, likely from the mobile application, illustrating how detected events are marked on a timeline for easy review.

3.4 Alerts and Notifications

Configure motion detection and alert settings in the DVR menu (e.g., "Event" or "Alarm").

- **App Push Notifications:** Receive instant alerts on your smartphone via the ANNKE Vision app when motion is detected.
- **Email Alerts with Snapshots:** The system can send emails with snapshots of the event to a configured email

address.

- **DVR Buzzer Warning:** The DVR can emit an audible alarm when an event occurs.



Figure 7: This image displays a mobile application interface illustrating smart motion detection alerts, including options for app push notifications, email alerts with snapshots, and DVR buzzer warnings.

4. Maintenance

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

4.1 Hard Drive Management

- The 2TB surveillance-grade hard drive is designed for continuous operation.
- The H.265+ video compression technology significantly reduces the storage space required for recordings, allowing for longer recording periods compared to older H.264 systems.
- The DVR automatically overwrites the oldest footage when the hard drive is full. Regularly back up important footage to an external storage device if needed.

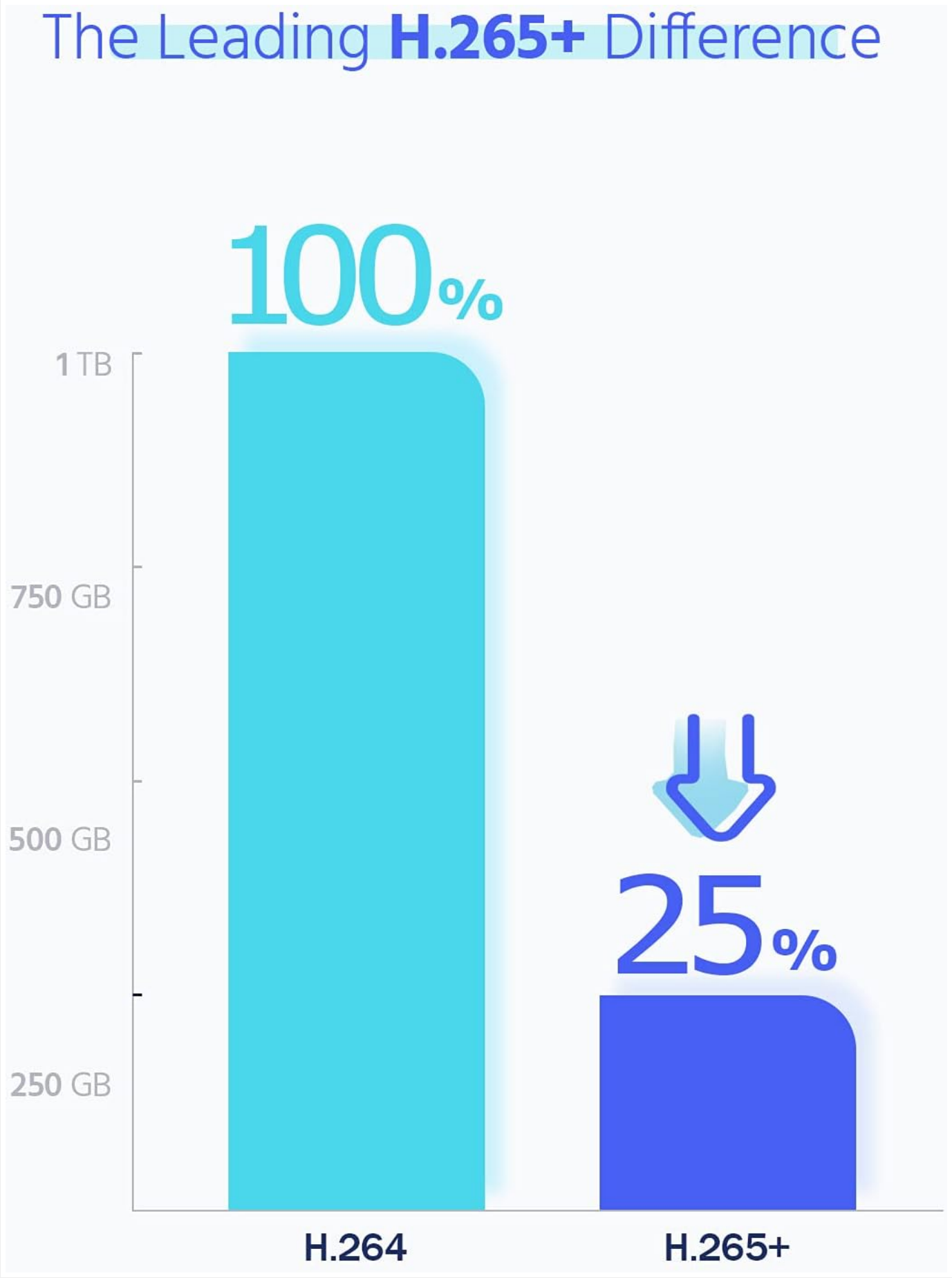


Figure 8: A bar chart illustrating the storage efficiency of H.265+ compression, showing it uses approximately 25% of the storage compared to H.264 for the same amount of video data.

4.2 Camera Cleaning

Periodically clean the camera lenses to ensure clear image quality.

- Use a soft, damp cloth to gently wipe the lens. Avoid abrasive materials or harsh chemicals.
- The cameras are IP66 weatherproof, meaning they are protected against dust and powerful water jets. However, avoid directing high-pressure water directly at the lens or housing.



Figure 9: An ANNKE outdoor camera is shown mounted on a brick wall, highlighting its IP66 weatherproof rating and ability to withstand temperatures from -40°C to 60°C (-40°F to 140°F).

4.3 Firmware Updates

Check the ANNKE official website periodically for firmware updates for your DVR. Firmware updates can improve system

stability, add new features, and enhance security. Follow the instructions provided with the firmware update carefully.

5. Troubleshooting

This section addresses common issues you might encounter and provides basic troubleshooting steps.

5.1 No Video Display on Monitor

- **Check Power:** Ensure the DVR is powered on and its power adapter is securely connected.
- **Check Monitor Connection:** Verify that the HDMI or VGA cable is securely connected between the DVR and the monitor.
- **Check Monitor Input:** Ensure your monitor is set to the correct input source (HDMI/VGA).

5.2 No Camera Image

- **Check Camera Power:** Ensure the camera is receiving power. Check the power adapter and splitter connections.
- **Check Video Cable:** Verify the BNC cable is securely connected at both the camera and DVR ends.
- **Test with Another Port/Camera:** Try connecting the camera to a different port on the DVR, or try a known working camera on the problematic port to isolate the issue.

5.3 Remote Access Not Working

- **Check Network Connection:** Ensure the DVR is connected to your router via an Ethernet cable and has a valid IP address (check DVR network settings).
- **Check Internet Connection:** Verify your internet connection is active.
- **Check App Status:** Ensure the ANNKE Vision app is updated to the latest version and your account is logged in.
- **Device Status in App:** Check if the DVR device shows as "Online" in the ANNKE Vision app. If not, try re-adding the device.

5.4 No Recording

- **Check Hard Drive Status:** In the DVR menu, check the hard drive status. Ensure it is initialized and healthy.
- **Check Recording Schedule:** Verify that the recording schedule is correctly configured for the desired cameras and times.
- **Check Motion Detection Settings:** If using motion detection recording, ensure it is enabled and the sensitivity is appropriately set.

6. Specifications

6.1 DVR Specifications

Feature	Specification
Video Compression	H.264+/H.264/H.265/H.265+
Video Input Mode	TVI/AHD/CVI/CVBS/IP
Video Input	8-Channel Analog HD/Analog + 2-Channel IP Camera
Video Output	HDMI and VGA Up to 1080P
Analog HD Playback Resolution	5MP Lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF

Feature	Specification
IPC Recording/Playback Resolution	Up to 6MP
Max Playback Channel	8 Channels
Memory Storage Capacity	2 TB (pre-installed)
Item Model Number	AU-DW81KD2-V3-58BH
Product Dimensions	24 x 12 x 8 inches

6.2 Camera Specifications

Feature	Specification
Image Sensor	2MP CMOS Image Sensor
Effective Pixels	1920(H)*1080(V)
Lens	3.6mm, Angle of View: 82.2°
Day & Night	IR cut filter with auto switch
IR LEDs	24pcs, up to 20m IR distance
Weatherproof Rating	IP66

7. Warranty and Support

ANNKE products are designed for reliability and performance.

- **Certifications:** The DVR and cameras have passed severe testing and hold certifications such as UL, CE, FCC, and HDMI.
- **Data Security:** The ANNKE App adheres to GDPR standards, ensuring secure video streaming and data handling.
- **Customer Support:** For technical assistance, warranty claims, or further inquiries, please visit the official ANNKE website or contact their customer support team. Refer to the product packaging or ANNKE's official website for the most current contact information.

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.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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