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› ANNKE 5MP Home Security Camera System (Model AU-DW81KD2-V3-R4BG-V2-P) User Manual

## ANNKE AU-DW81KD2-V3-R4BG-V2-P

# ANNKE 5MP Home Security Camera System User Manual

Model: AU-DW81KD2-V3-R4BG-V2-P

## INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your ANNKE 5MP Home Security Camera System. This system includes an 8-channel H.265+ DVR recorder and four 5MP wired IP67 outdoor CCTV cameras, designed to provide reliable surveillance with advanced features like AI human/vehicle detection and 100 ft EXIR night vision.

Please read this manual thoroughly before using the product to ensure proper setup and functionality. Keep this manual for future reference.

## PACKAGE CONTENTS

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

# What's in the Box



**X4** Cameras



**X1** DVR



**X1** 1TB  
Surveillance HDD



**X4** 60 ft BNC Cables



**X2** Power Supplies



**X1** HDMI Cable



**X1** Network Cable



**X1** 1-to-4  
Splitter Cables



**X4** Screws



**X1** USB Mouse



**X1** User Manual



**X1** Wall Sticker

**Image:** What's in the Box. This image displays the DVR, four cameras, a 2TB hard drive, power supplies, HDMI cable, network cable, BNC cables, screws, USB mouse, and user manual.

- 1x 8-Channel H.265+ DVR Recorder
- 4x 5MP Wired IP67 Outdoor CCTV Cameras
- 1x 2TB Surveillance Hard Drive (pre-installed in DVR)
- 2x Power Supplies (for DVR and cameras)
- 1x HDMI Cable
- 1x Network Cable
- 4x 60 ft BNC Cables

- 1x USB Mouse
- Mounting Screws
- User Manual
- Wall Sticker

## SETUP GUIDE

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Follow these steps to set up your ANNKE security system.

### 1. DVR and Camera Placement

Choose a secure, central location for the DVR, away from direct sunlight and heat sources. Plan the camera locations to cover desired areas, ensuring they are within reach of the BNC cables and power sources. The cameras are IP67 weatherproof, suitable for both indoor and outdoor installation.



**Image:** Camera Mounting. This image illustrates a camera mounted on a wall, highlighting its outdoor suitability.



**Image:** Camera Field of View. This image shows a camera mounted on a house with an overlay indicating an 85.5-degree field of view.

## 2. Hardware Connections

1. **Connect Cameras:** Connect each camera to the DVR using the provided BNC cables. Ensure a secure connection.
2. **Connect Power:** Connect the camera power splitter cables to the cameras and then to the camera power adapter. Connect the DVR power adapter to the DVR. Plug both power adapters into electrical outlets.
3. **Connect to Monitor:** Use the HDMI cable to connect the DVR to a monitor or TV.
4. **Connect USB Mouse:** Plug the USB mouse into a USB port on the DVR for navigation.
5. **Connect to Network (Optional):** For remote viewing, connect the DVR to your router using the provided network cable.



**Image:** System Overview. This image displays the main components of the security system, including the DVR and cameras, illustrating the overall setup.

### 3. Initial System Configuration

Upon first power-up, the DVR will guide you through an initial setup wizard. Follow the on-screen prompts to configure basic settings such as language, date/time, network settings, and password creation. It is highly recommended to set a strong password for security.

## OPERATION

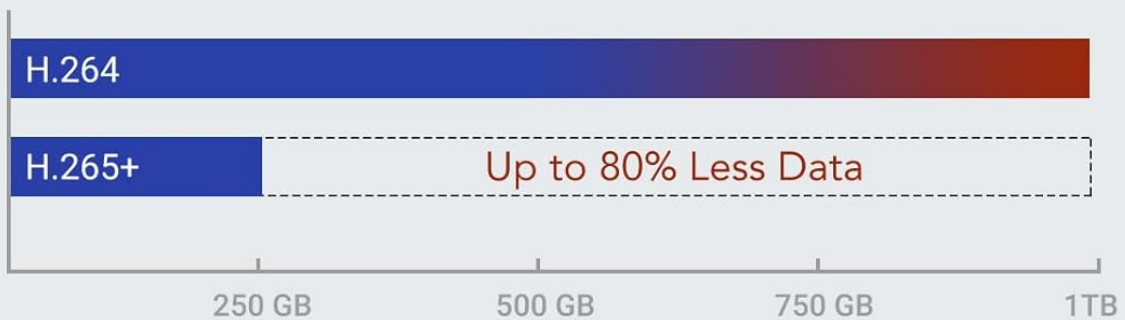
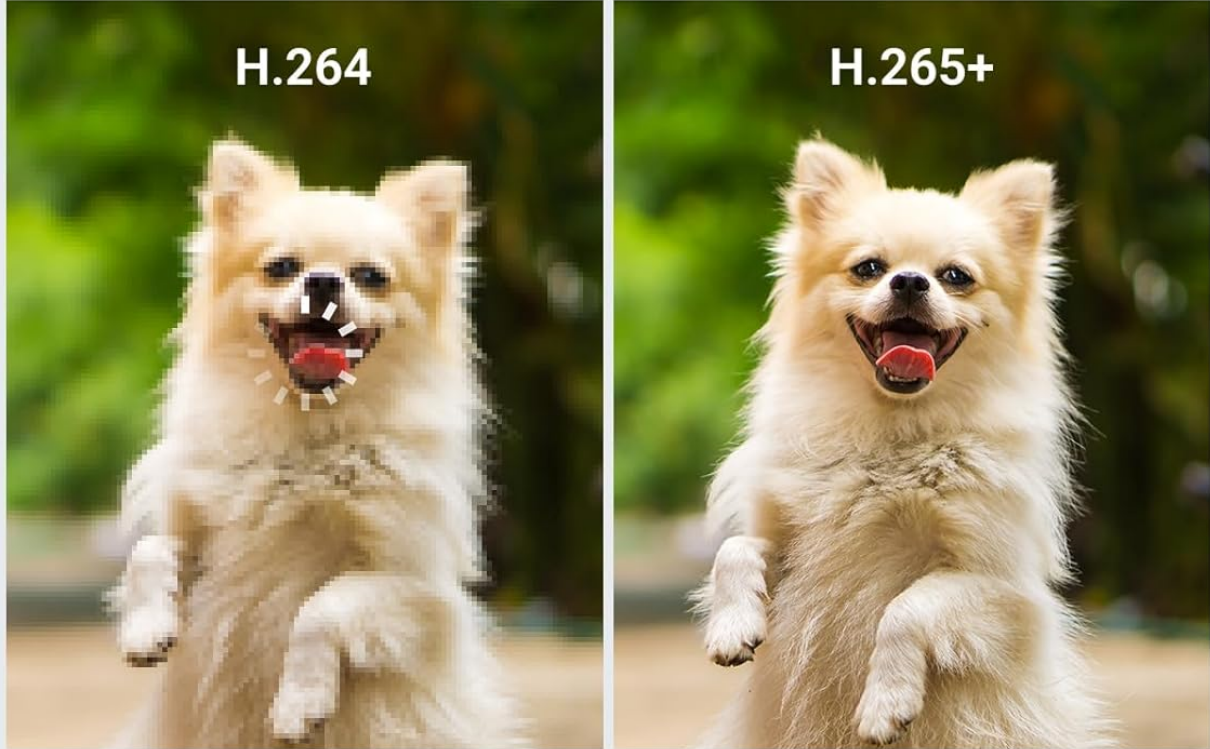
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### Live View and Recording

Once configured, the system will display live feeds from all connected cameras on your monitor. The DVR continuously records footage to the pre-installed 2TB hard drive. The H.265+ video compression technology optimizes storage, allowing for longer recording times compared to older H.264 systems.

# H.265+ Video Compression

Require Less Storage, Record Longer Time



**Image:** H.265+ Video Compression. This image illustrates the efficiency of H.265+ compression, requiring less storage for recordings.

## AI Human/Vehicle Detection

The system features advanced AI human and vehicle detection. This technology minimizes false alarms by accurately identifying human and vehicle shapes, reducing alerts triggered by animals, leaves, or other non-threatening movements. You can configure specific detection zones and sensitivity settings through the DVR's menu.

# AI Motion Detection 2.0



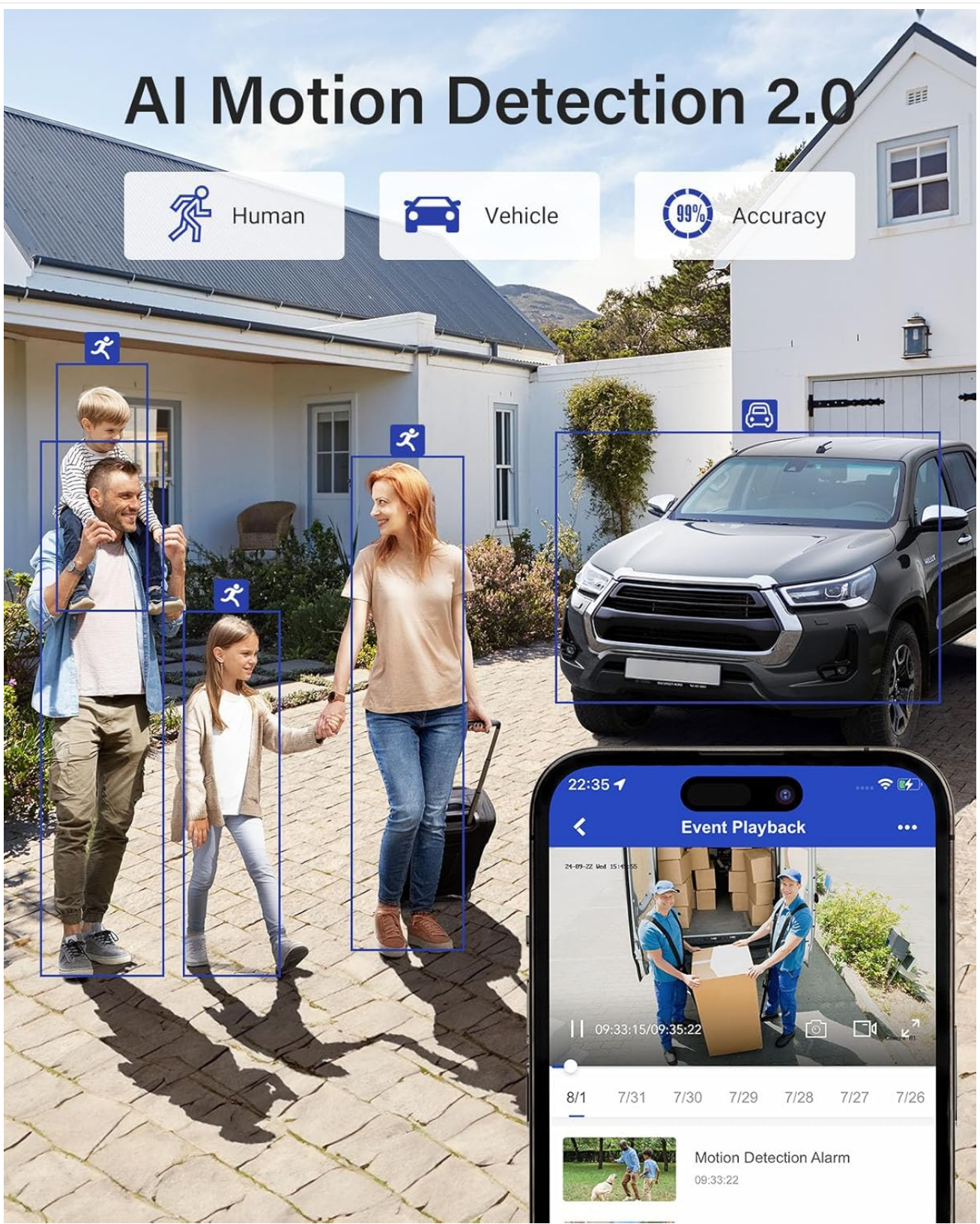
Human



Vehicle



Accuracy



**Image:** AI Motion Detection 2.0. This image demonstrates the system's ability to detect and differentiate between humans and vehicles.

## Night Vision

The 5MP cameras are equipped with EXIR night vision, providing clear surveillance up to 100 feet in low-light or complete darkness. Smart IR technology automatically adjusts infrared intensity to prevent overexposure of objects close to the camera.

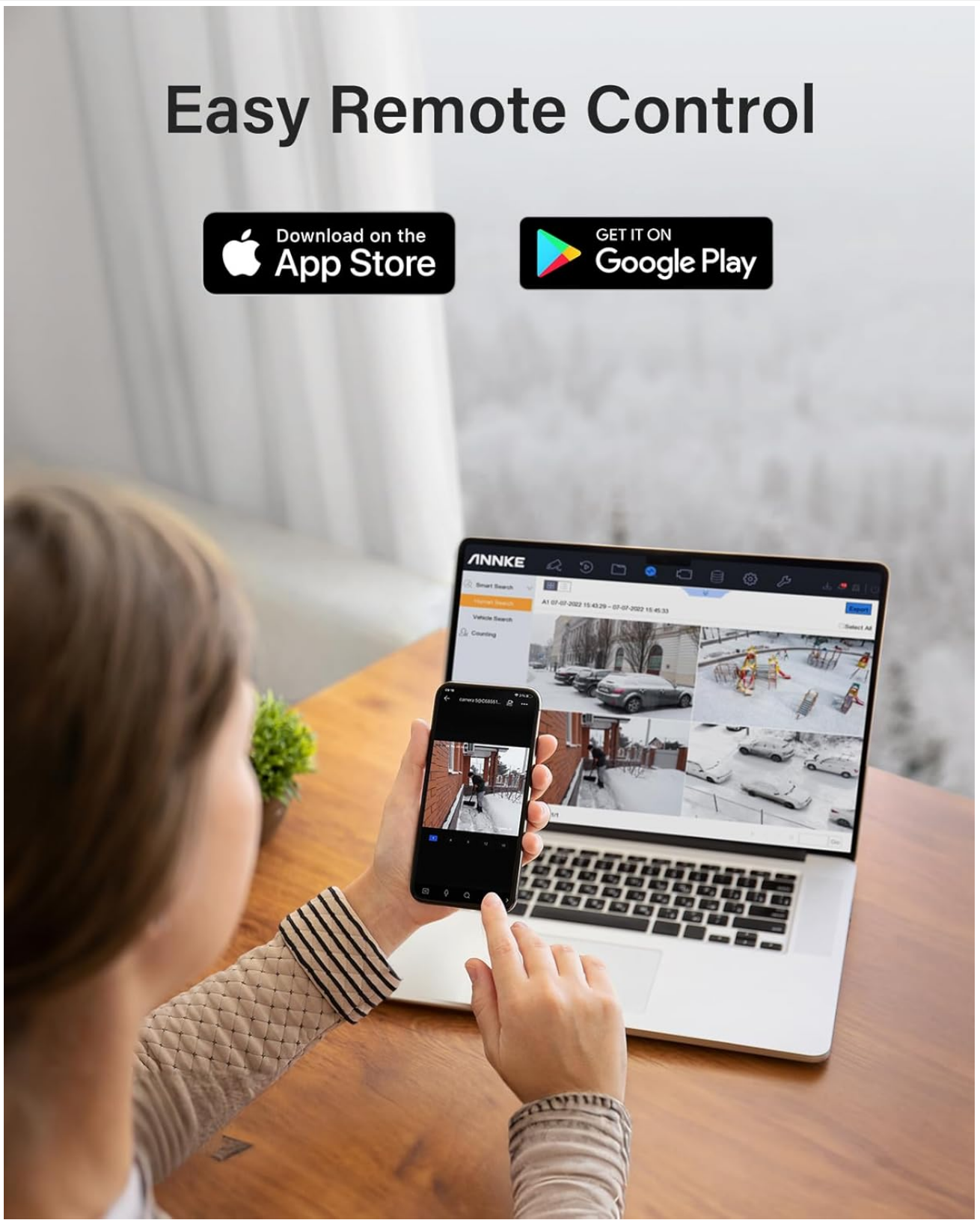
## Remote Access and Smart Playback

Access your security system remotely using the ANNKE Vision app on your smartphone or tablet, or through a web

browser on your computer. The app allows you to view live feeds, review recorded footage, and receive motion detection alerts from anywhere with an internet connection.

The Smart Playback feature helps you quickly locate specific events on the timeline, saving time when reviewing footage.

# Easy Remote Control



**Image:** Easy Remote Control. This image shows the convenience of monitoring your system from various devices.

# Advanced Smart Playback

Locate events to save time



**Image:** Advanced Smart Playback. This image highlights how to quickly find specific events in recorded footage.

## MAINTENANCE

### Camera Care

Regularly inspect camera lenses for dirt, dust, or cobwebs. Clean the lenses gently with a soft, damp cloth to ensure clear image quality. Avoid using harsh chemicals that could damage the lens coating. The IP67 rating ensures the cameras are protected against dust and water immersion, but regular cleaning helps maintain optimal performance.



**Image:** IP67 All-Weather Proof. This image visually confirms the camera's resistance to environmental elements.

## DVR Maintenance

Ensure the DVR is placed in a well-ventilated area to prevent overheating. While the DVR is designed for continuous operation, periodically check for dust accumulation around vents and clean as necessary. The 2TB hard drive is designed for 24/7 surveillance and will automatically overwrite the oldest footage when full.

## annke

Created for Security

Founded in 2014,  
ANNKE is now a global leader in home  
and business surveillance solution.

From wired and wireless security camera  
systems to smart home products, ANNKE  
is dedicated to providing our customers  
with top-notch surveillance for their  
properties.

Our vision goes beyond just providing  
surveillance protection for every family  
and business; we also aim to create a  
world where people feel safe, cared for,  
and loved.

**Image:** ANNKE Professional Security Grade Hard Drive. This image emphasizes the quality and purpose of the included storage.

## TROUBLESHOOTING

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This section addresses common issues you might encounter. For more detailed troubleshooting, refer to the ANNKE support website or contact customer service.

### No Video Signal / Black Screen

- **Check Connections:** Ensure all BNC cables are securely connected between cameras and the DVR. Verify HDMI/VGA cable connection to the monitor.

- **Power Supply:** Confirm that both the DVR and camera power adapters are correctly plugged in and receiving power.
- **Camera Status:** In very dark conditions, check if the camera's IR LEDs are glowing red, indicating it's receiving power and operating.

## Camera Image is Black and White During Daytime

- This usually indicates the camera is stuck in night vision mode.
- **Power Cycle:** Disconnect and reconnect the power supply to the affected camera.
- **Light Sensor:** Ensure the camera's light sensor (usually a small circle near the lens) is not obstructed or covered, as this can trick the camera into thinking it's dark.
- **DVR Settings:** Check the camera's day/night mode settings in the DVR interface to ensure it's set to "Auto" or "Color" during the day.

## DVR Overheating

- Ensure the DVR is placed in an open area with adequate ventilation.
- Do not stack other electronics on top of the DVR.
- Clean any dust from the DVR's vents.

## Remote Viewing Issues

- **Network Connection:** Verify the DVR is connected to your router via Ethernet cable and has a stable internet connection.
- **App/Software:** Ensure the ANNKE Vision app or client software is up-to-date.
- **Firewall/Router Settings:** Check your router's firewall settings; port forwarding might be required for some network configurations (consult your router's manual or ISP).
- **Account Login:** Confirm correct login credentials for the ANNKE Vision app.

## SPECIFICATIONS

| Feature                    | Detail  |
|----------------------------|---|
| Brand                      | ANNKE   |
| Model Number               | AU-DW81KD2-V3-R4BG-V2-P   |
| Connectivity Technology    | Wired   |
| Video Capture Resolution   | 5MP (2560TVL)   |
| Special Feature            | AI Human/Vehicle Detection, High Efficiency Video Coding (H.265+) |
| Number of Channels         | 8   |
| Memory Storage Capacity    | 2 TB (Hard Drive)   |
| Camera Weatherproof Rating | IP67  |
| Night Vision Range         | 100 Feet (EXIR Night Vision with Smart IR)                        |
| Recording Mode             | Motion Detection, Continuous                                      |
| Video Input                | BNC, CVBS   |

|                                      |   |
|--------------------------------------|---|
| <b>DVR Dimensions (L x W x H)</b>    | 10.2 x 8.7 x 1.8 inches (approx. 260 x 222 x 45 mm) |
| <b>Camera Dimensions (L x W x H)</b> | 6.42 x 2.4 x 2.28 inches (approx. 163 x 61 x 58 mm) |
| <b>Item Weight</b>                   | 9.35 pounds (total package)                         |
| <b>UPC</b>                           | 656237854567  |

# Product Size



**Image:** Product Size. This image provides detailed measurements for both the camera and the DVR.

## WARRANTY AND SUPPORT

ANNKE is committed to providing reliable products and excellent customer service.

- **After-Sale Support:** Dedicated support is available for any post-purchase inquiries or issues.
- **Quick Response:** Expect timely assistance from the support team.
- **Lifetime Technical Help:** ANNKE offers lifetime technical assistance for its products.

For technical assistance, troubleshooting guides, FAQs, or to contact support, please visit the official ANNKE website or refer to the contact information provided in your product packaging. You can also visit the [ANNKE Store on Amazon](#) for more information.



**Image:** Customer First. This image outlines ANNKE's commitment to customer support.