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Aiwixen ADVR-8CH4C001

Aiwixen 1080P 8-Channel Wired Security Camera System User Manual

Model: ADVR-8CH4C001

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Aiwixen 1080P 8-Channel Wired Security Camera System. Please read this manual thoroughly before using the product to ensure proper setup and functionality. This system is designed to provide reliable surveillance for your home or business with high-definition video recording and remote access capabilities.

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 x 8CH DVR with 1TB Hard Drive Pre-installed
- 4 x Security Cameras
- 4 x Mounting Screw Kits
- 4 x 60ft BNC Cables
- 1 x 4-to-1 Camera Power Supply
- 2 x 12V DVR Power Adapter
- 1 x USB Mouse
- 1 x User Manual (this document)

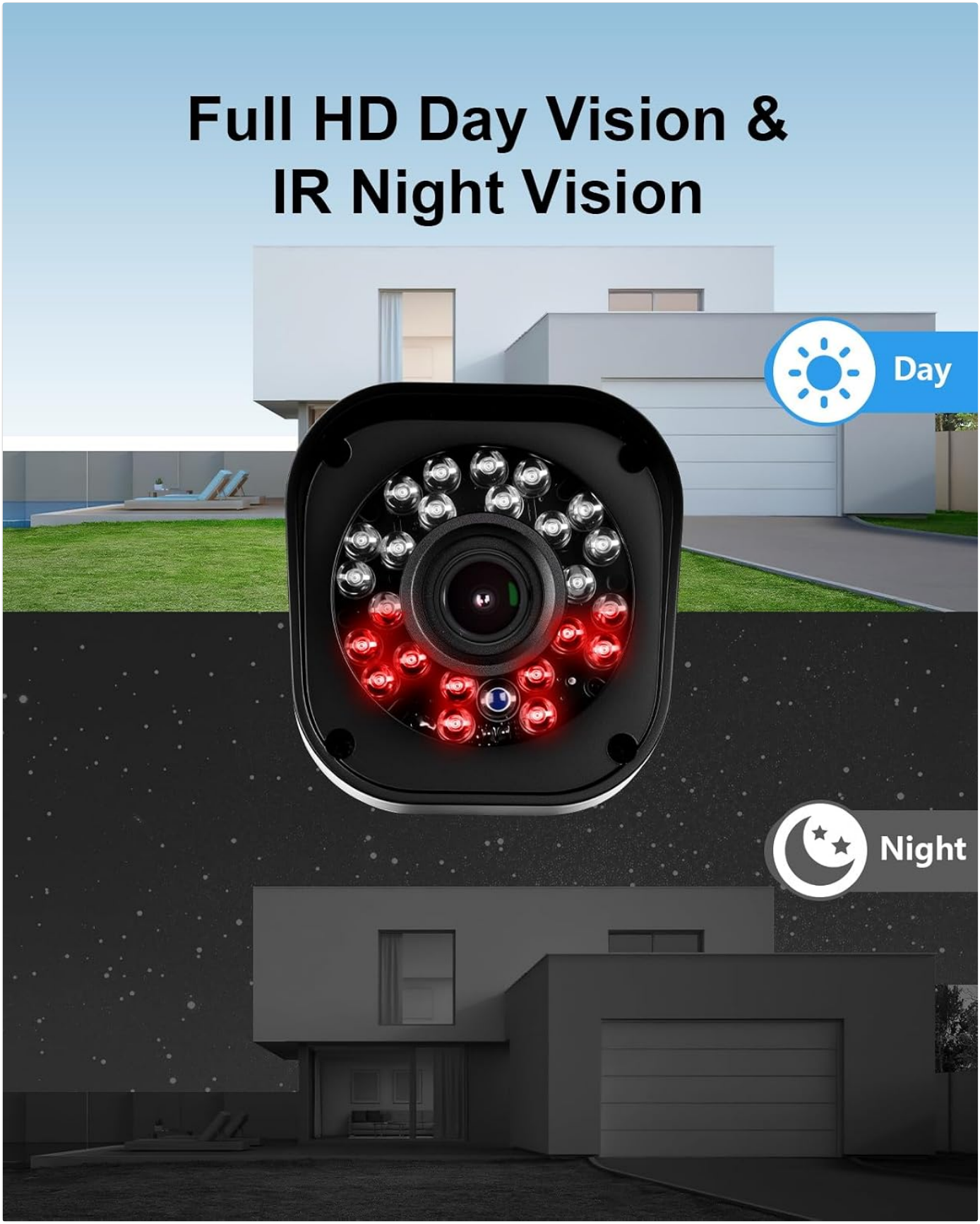


Image: All components included in the Aiwixen 8-Channel Wired Security Camera System package.

3. Product Overview

The Aiwixen security system features an 8-channel Digital Video Recorder (DVR) with a pre-installed 1TB hard drive, capable of supporting up to 8 cameras. The included 4 wired 5MP cameras provide high-definition video, suitable for both indoor and outdoor use.

3.1 DVR Unit

The DVR is the central recording and management unit for your security system. It features multiple video input ports, audio input/output, network connectivity, and USB ports for mouse control and data export.

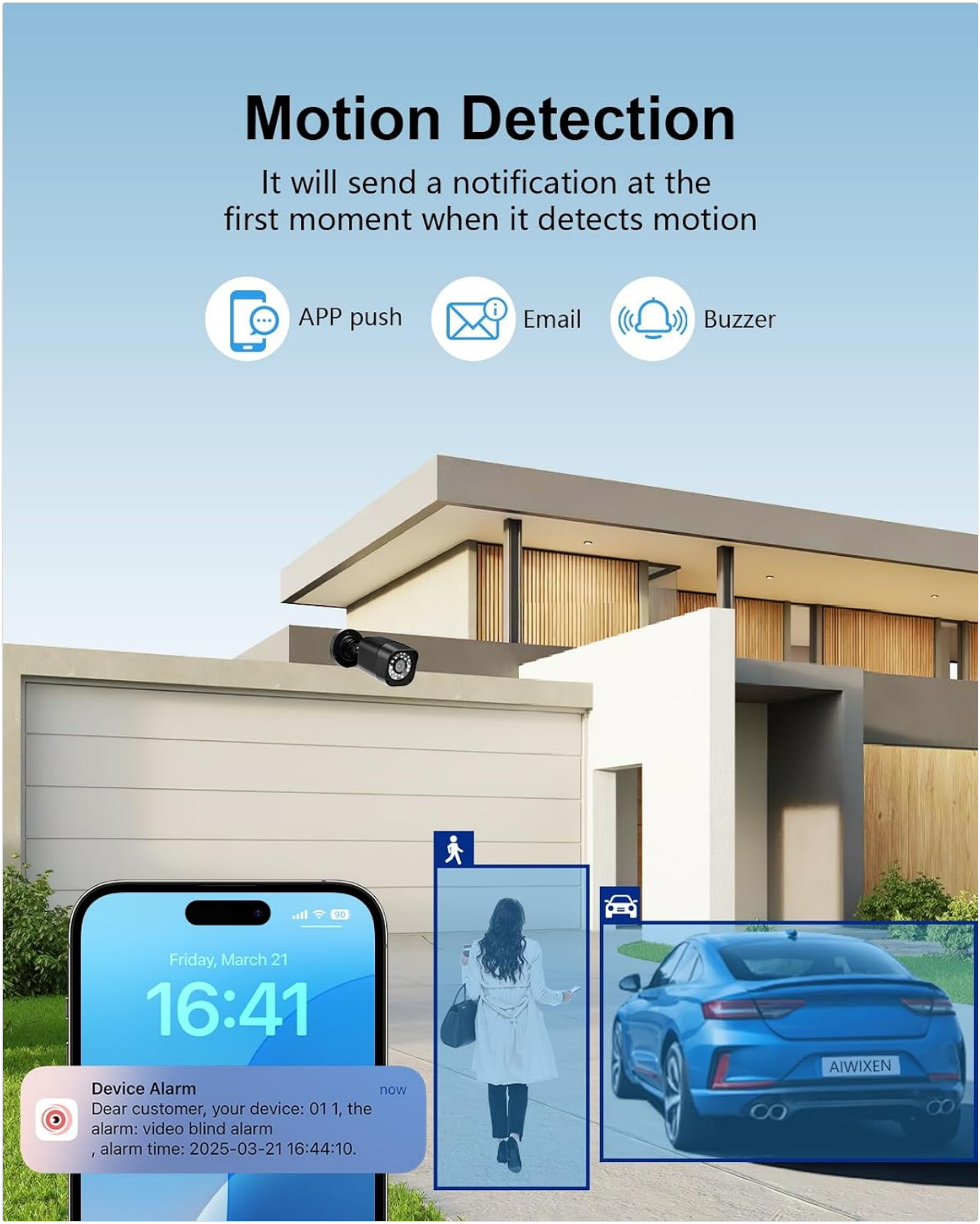


Image: Rear panel of the DVR, highlighting video input, audio ports, HDMI, VGA, Ethernet, and USB connections.

3.2 Security Cameras

The included 5MP cameras are designed for robust performance in various environments. They feature 100FT infrared night vision and an IP68 waterproof rating, ensuring clear imaging day and night, even in extreme weather conditions.



Image: Detailed view of an Aiwixen security camera, highlighting its robust design.

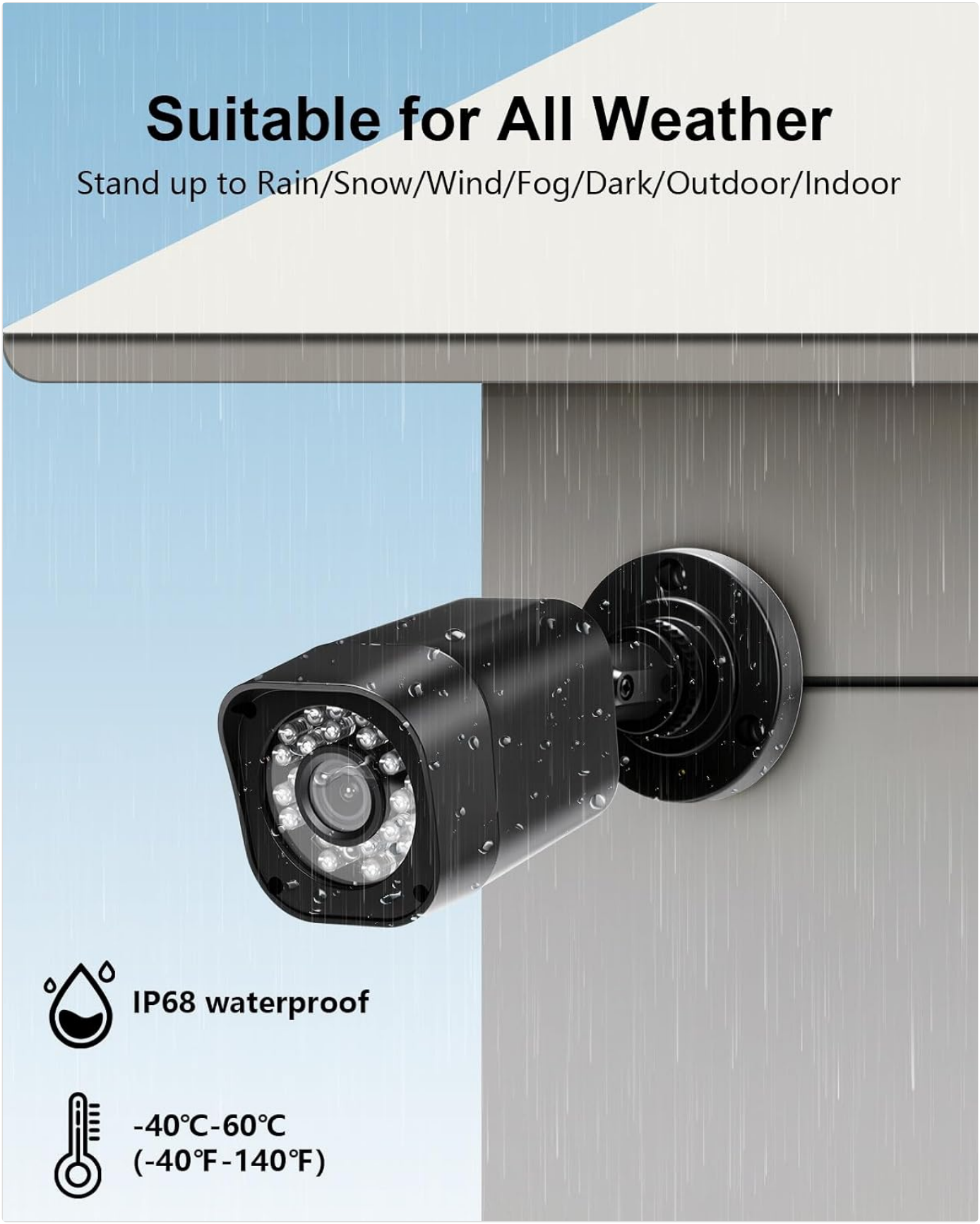


Image: An Aiwixen camera demonstrating its IP68 waterproof capability under simulated rain conditions.

4. Setup

4.1 Physical Installation

1. **Mount Cameras:** Choose suitable locations for your cameras, ensuring optimal viewing angles and coverage. Use the provided mounting screw kits to securely attach the cameras. The cameras are IP68 waterproof for outdoor use.

2. **Connect Cables:** Connect one end of each 60ft BNC cable to a camera and the other end to a video input port on the DVR.
3. **Power Cameras:** Use the 4-to-1 camera power supply to power all four cameras. Connect the power supply to an electrical outlet.
4. **Connect DVR:** Connect the DVR to a monitor using an HDMI or VGA cable. Connect the USB mouse to a USB port on the DVR.
5. **Power DVR:** Connect the 12V DVR power adapter to the DVR and then to an electrical outlet. The system will power on.

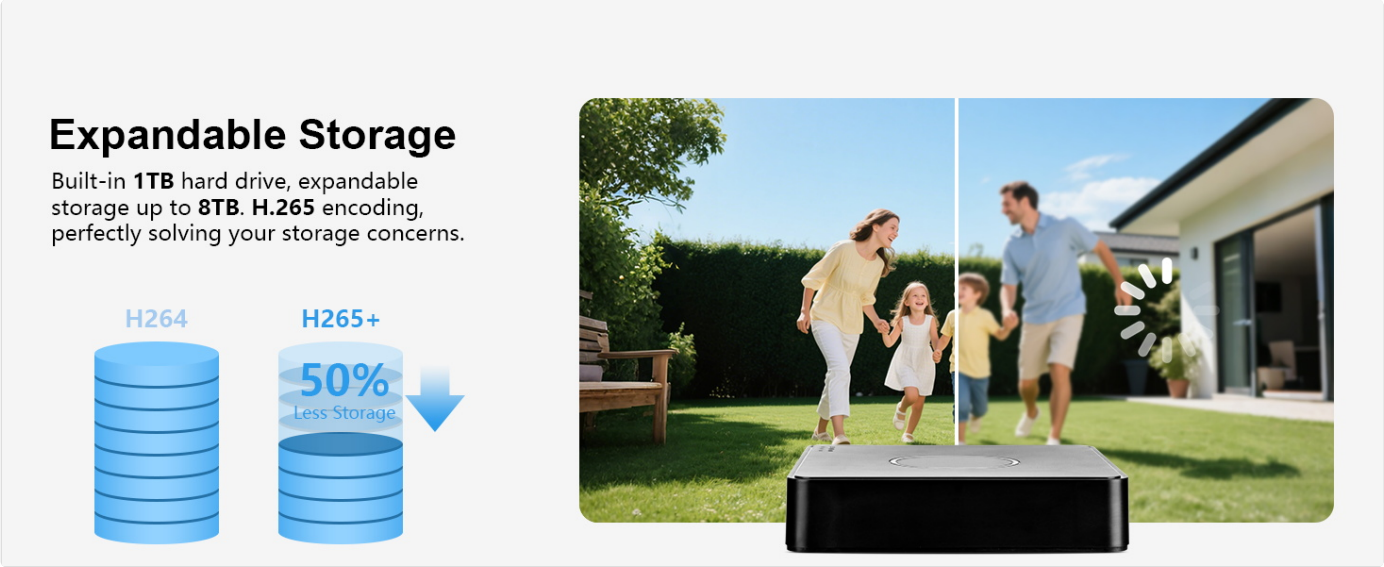


Image: Wiring diagram illustrating how to connect cameras to the DVR and power sources.

4.2 Network Connection (for Remote Access)

To enable remote access via mobile devices, the DVR must be connected to your router via an Ethernet cable. Without an internet connection, the DVR system can only be used for local monitoring on a connected display.



Image: Illustration of the DVR connected to a router for remote access.

4.3 Mobile App Setup

Download the free "TSEYE" app from Google Play Store or Apple App Store. Follow the in-app instructions to add your device and enable live viewing and playback from anywhere.

Your browser does not support the video tag.

Video: Demonstrates how to set up remote mobile device online viewing using the TSEYE app.

Your browser does not support the video tag.

Video: An overview of the Aiwixen 1080P Wired Security Camera System, including setup and features.

5. Operation

5.1 Recording Modes

The DVR supports 24/7 continuous recording. You can customize different recording modes for each wired security camera, including event-triggered recording (e.g., motion detection) and scheduled recording. The pre-installed 1TB hard drive provides ample storage for continuous surveillance.

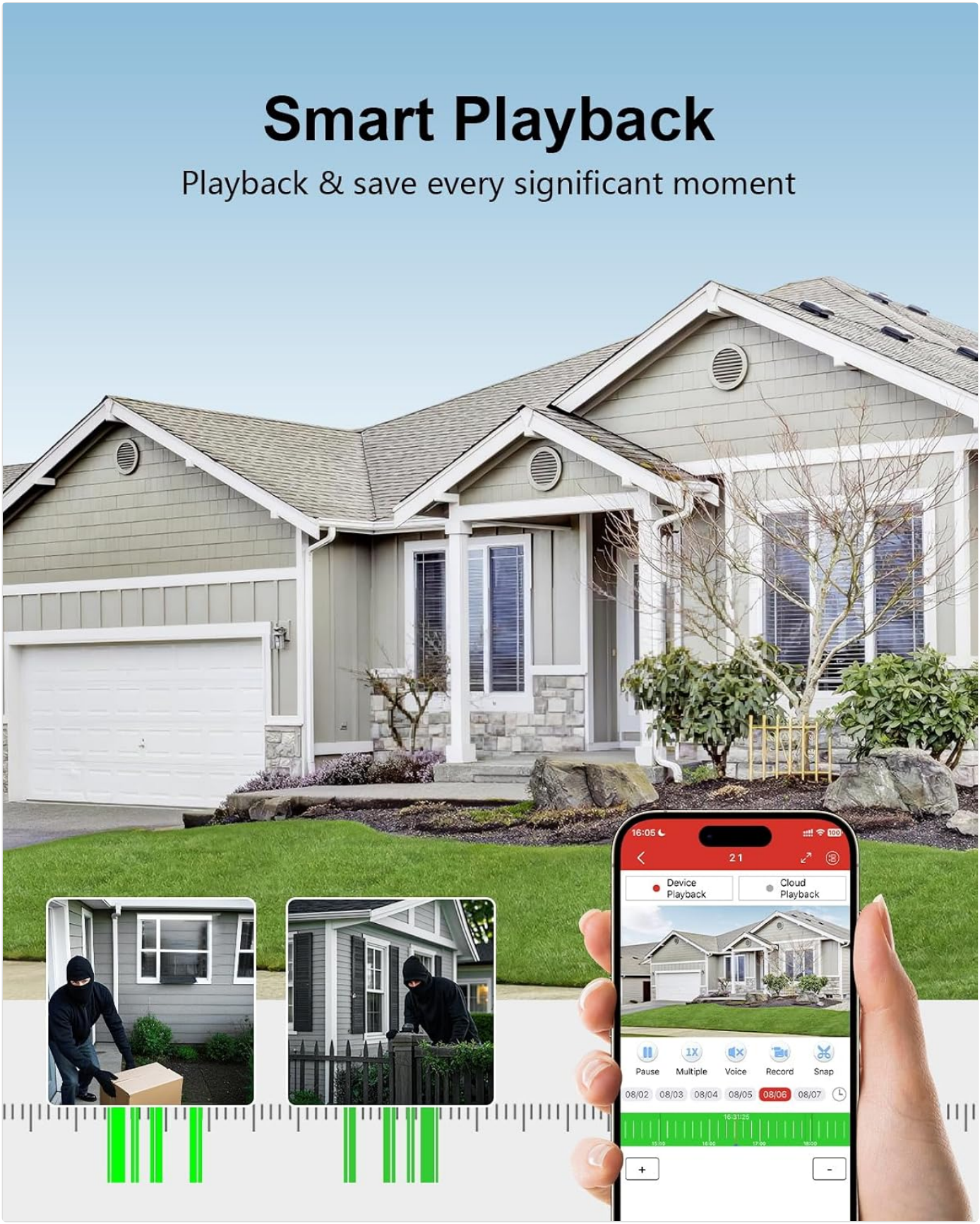


Image: The DVR unit symbolizing 24/7 all-day recording for constant home protection.

5.2 Smart Playback

The system allows for smart playback, enabling you to quickly retrieve and review important moments. You can select specific dates and channels to view recorded footage and export video files via USB.

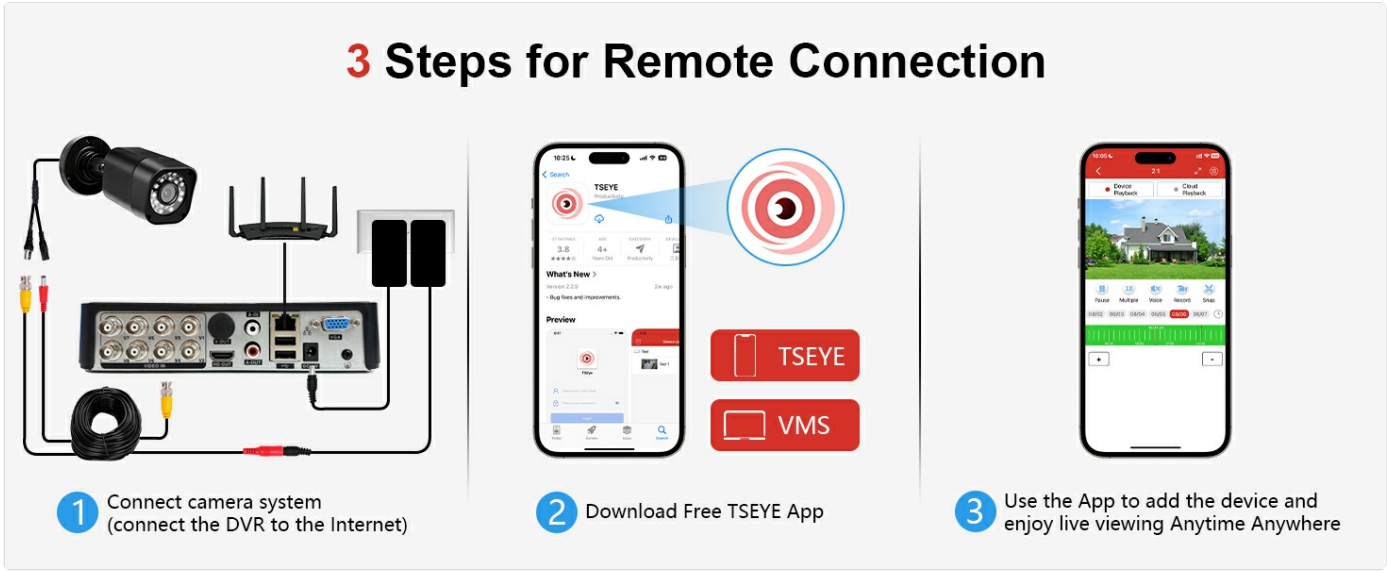


Image: The mobile app's smart playback feature, allowing users to easily find and review recorded events.

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Video: Instructions on how to check the playback of important moments directly on the security camera system's monitor.

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Video: Guide on how to view the playback of important moments on your mobile phone using the app.

6. Key Features

- **5MP HD Cameras:** Enjoy clear imaging with 5-megapixel resolution, minimizing monitoring blind spots.
- **100FT Night Vision:** Built-in IR cut filter and automatic infrared LED activation provide clear images up to 100 feet in low-light conditions.
- **IP68 Waterproof:** Cameras are rust-proof and weather-resistant, ensuring stable performance in extreme outdoor conditions.
- **Smart Motion Detection:** Configure detection for specific areas, adjust sensitivity, and receive notification prompts and emails to reduce false alarms and ensure timely responses. The system supports human and vehicle detection.
- **Expandable Storage:** The DVR comes with a pre-installed 1TB hard drive and is expandable up to 8TB, utilizing H.265 encoding for efficient storage.
- **Remote Access:** Monitor your property from anywhere using the free mobile app on your phone, tablet, or PC.



Image: Example of the camera's super clear night vision capability, capturing details in darkness.



Image: A mobile phone showing a motion detection alert, indicating human and vehicle detection.

7. Maintenance

- **Regular Cleaning:** Periodically clean the camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Cable Inspection:** Check all cables for wear, damage, or loose connections, especially for outdoor installations.

- **Firmware Updates:** Regularly check the manufacturer's website or app for available firmware updates to ensure optimal performance and security.
- **Hard Drive Management:** While the 1TB HDD provides ample space, consider backing up important footage periodically, especially if you have high recording activity.

8. Troubleshooting

- **No Video Signal:** Ensure all camera cables are securely connected to both the cameras and the DVR. Check power connections for both cameras and the DVR. Verify the monitor input source is correct.
- **Remote Access Issues:** Confirm the DVR is connected to the internet via an Ethernet cable. Check your router's internet connection. Ensure the TSEYE app is updated and the device is correctly added.
- **Poor Image Quality:** Clean camera lenses. Ensure cameras are not obstructed. Check for strong light sources directly facing the camera, which can cause glare.
- **Motion Detection Not Working:** Verify motion detection settings in the DVR or app. Adjust sensitivity levels and detection areas.
- **DVR Overheating:** Ensure the DVR is placed in a well-ventilated area, away from direct sunlight or heat sources. Do not block ventilation openings.

9. Specifications

Feature	Description
Brand	Aiwixen
Model Number	ADVR-8CH4C001
Connectivity Technology	Wired
Video Capture Resolution	1080p
Number of Channels	8
Memory Storage Capacity	1 TB (expandable up to 8TB)
Power Source	Corded Electric
Operating System	Linux
Compatible Devices	Laptops, Personal Computers, Smartphones, TV, Tablets
Night Vision Range	100 Feet
Recording Mode	Event, Schedule
Hardware Interface	Ethernet, HDMI, USB, VGA
Viewing Angle	82 Degrees
Waterproof Rating	IP68

10. Warranty and Support

Aiwixen provides reliable service for its products. This includes:

- 24-Hour online customer support.
- 12-Month replacement warranty.
- Professional technical support.

If you have any questions or require assistance, please contact Aiwixen customer support. Your satisfaction is important, and we are committed to providing satisfactory service.

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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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

Answered questions about this manual

Can I configure the Aiwixen ADVR-8CH4C001 to display only 6 channels on the monitor without any black areas?

For the Aiwixen ADVR-8CH4C001, the display layout is typically determined by the DVR's firmware presets. Most 8-channel DVRs use standard grid layouts such as 1, 4, 8, or 9 channels. To attempt to view...

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