ANNKE AU-N98WHR2-56CN-V1

ANNKE Wireless Home Security System User Manual

Model: AU-N98WHR2-56CN-V1

1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your ANNKE Wireless Home Security System. This system includes a 16-channel 4K Network Video Recorder (NVR) with a 2TB Hard Disk Drive (HDD) and six 5MP outdoor WiFi cameras. It features 100ft IR night vision, human detection, remote access capabilities, and two-way audio communication. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

2. What's in the Box

Verify that all components listed below are present in your package.

What's in the Box

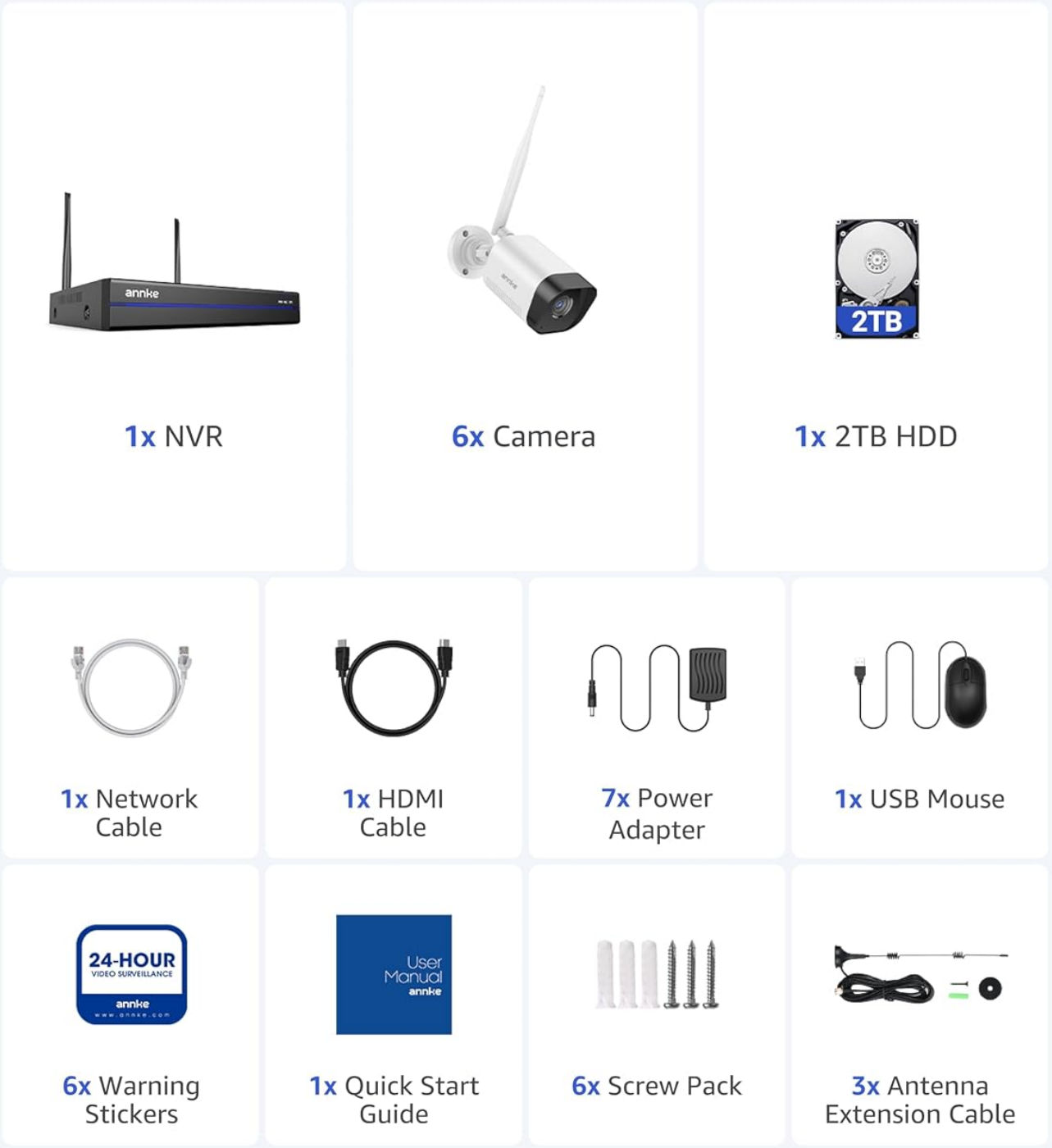


Image: Overview of the ANNKE Wireless Home Security System package contents.

- 1 x 16CH 8MP/4K NVR with 2TB Hard Drive
- 6 x 5MP Camera
- 6 x Antenna
- 6 x Surveillance Sign
- 7 x Power Adapter
- 6 x Mounting Screws Bag

- 1 x HDMI Cable
- 1 x Network Cable
- 1 x USB Mouse
- 1 x Quick Start Guide

3. Key Features

- **5MP High-Definition Video:** Provides clear viewing, recording, and playback with sharper details.
- **100ft IR Night Vision:** Ensures clear visuals up to 100 feet in low-light conditions.
- **Human Detection:** Advanced algorithms filter out false alarms by identifying human movement.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication.
- **Dual-Band WiFi (2.4G/5.8G):** Offers enhanced signal stability and reduced interference for reliable connectivity.
- **Expandable 16-Channel System:** Supports up to 16 channels for comprehensive coverage.
- **2TB Local Storage:** Includes a 2TB HDD, expandable up to 8TB, for continuous recording.
- **H.264+ Video Compression:** Reduces file size while maintaining video quality, optimizing storage.
- **IP66 Weatherproof Cameras:** Designed for outdoor use, resistant to dust and rain.
- **Remote Access:** Monitor your property from anywhere using the dedicated mobile application.

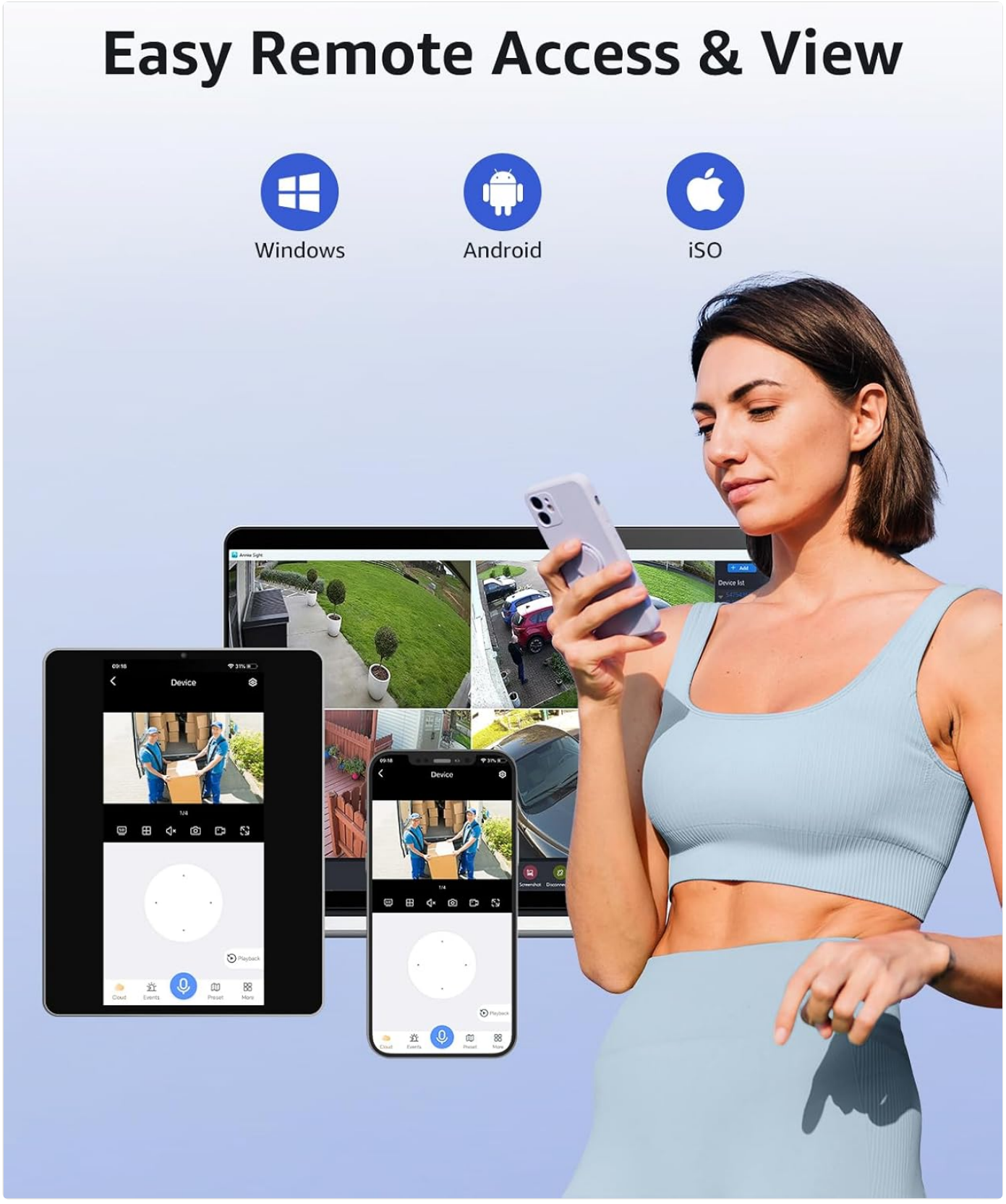


Image: Remote access to the security system via multiple devices.

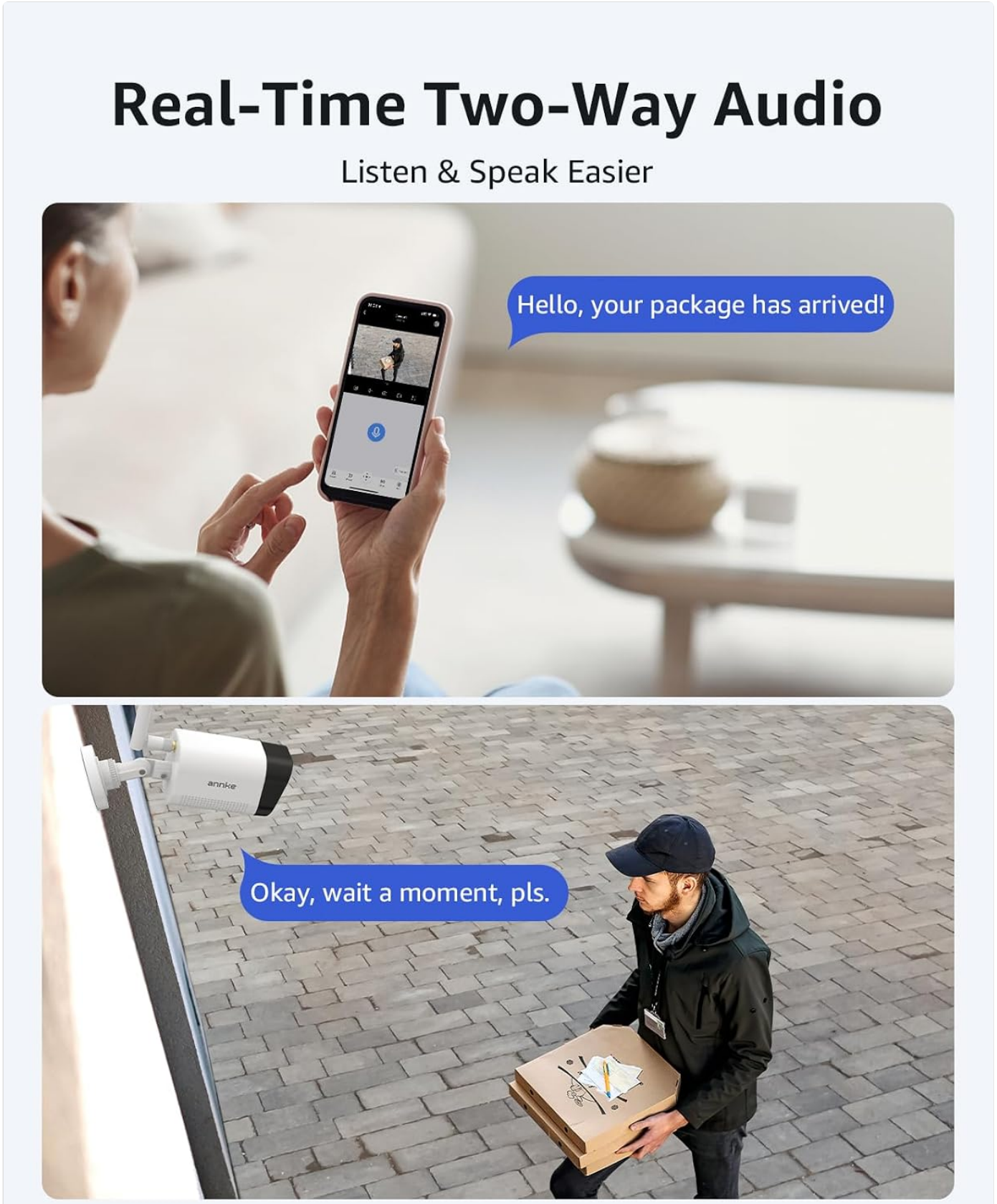


Image: Demonstration of the two-way audio function.

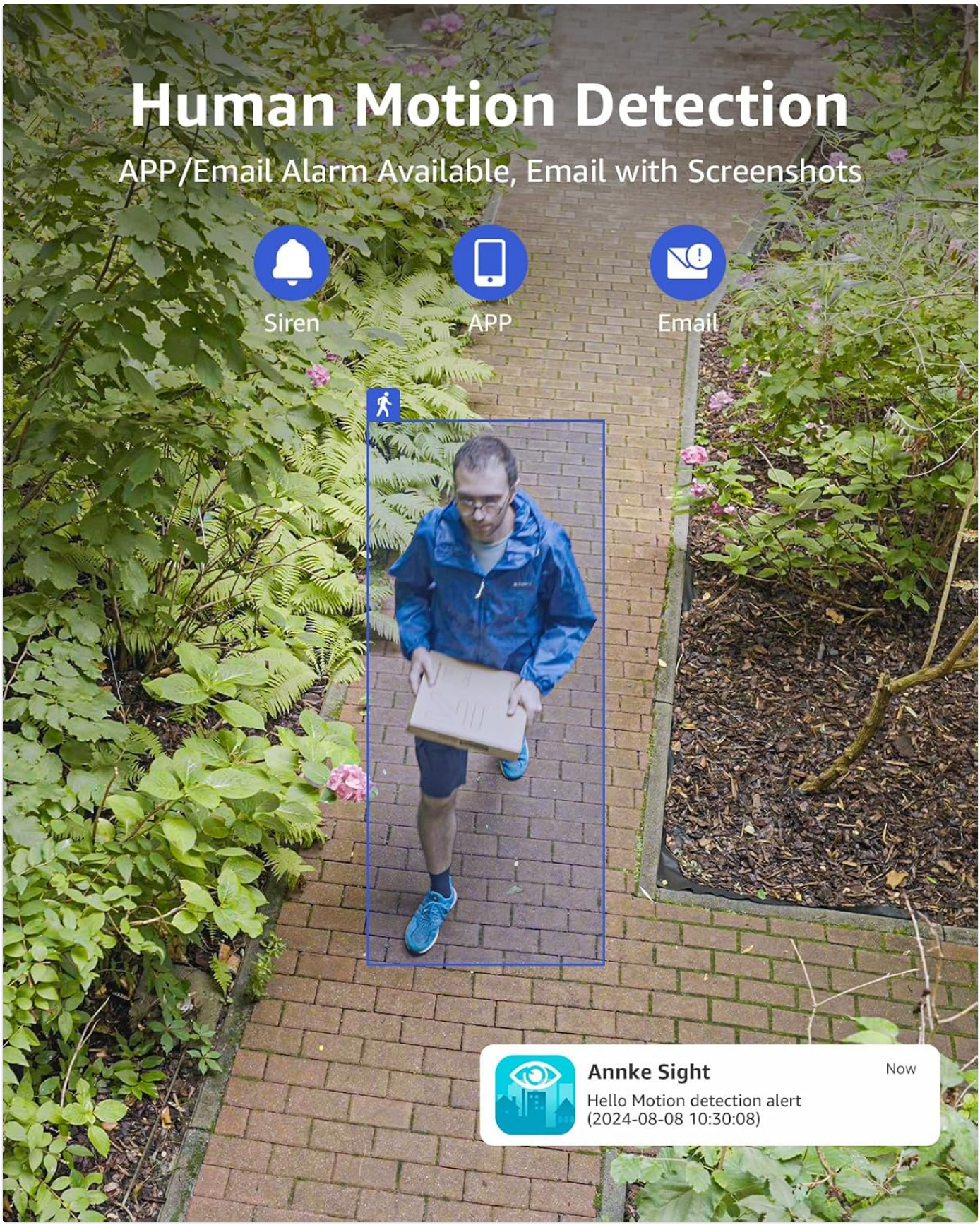


Image: Human motion detection in action, triggering an alert.

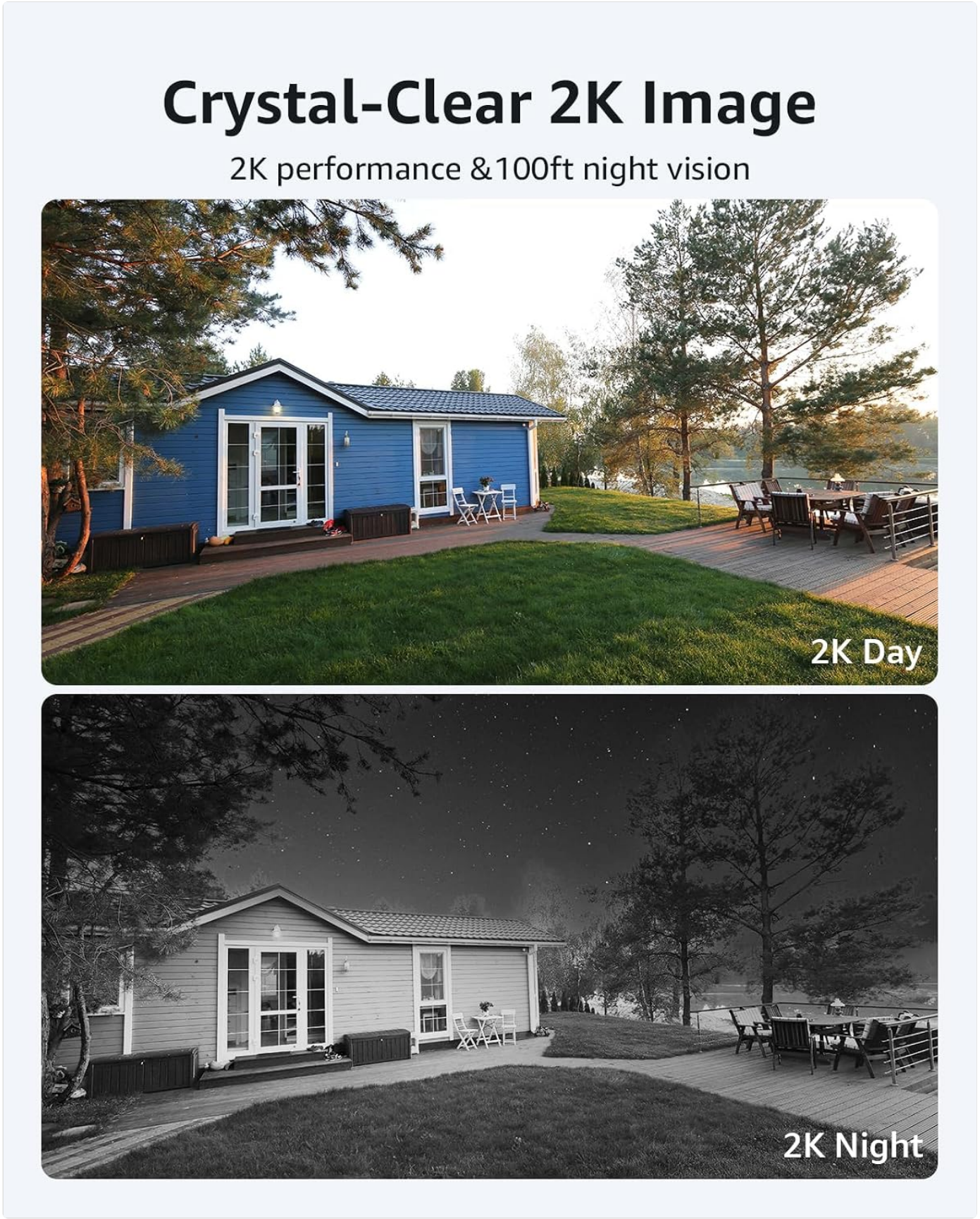


Image: Day and night vision capabilities of the 2K camera.

4. Setup Guide

4.1 NVR Setup

1. **Connect NVR:** Connect the NVR to a power source using the provided power adapter.
2. **Connect to Monitor:** Use the HDMI or VGA cable to connect the NVR to a monitor or TV.

3. **Connect Mouse:** Plug the USB mouse into a USB port on the NVR.
4. **Network Connection:** Connect the NVR to your router using the Ethernet cable for internet access and remote viewing.
5. **Initial Configuration:** Follow the on-screen prompts to complete the initial setup wizard, including setting a password and time zone.

4.2 Camera Setup

1. **Mount Cameras:** Choose suitable locations for your cameras, ensuring optimal viewing angles and proximity to power outlets. Use the mounting screws bag for secure installation.
2. **Connect Power:** Connect each camera to a power source using the provided power adapters.
3. **Antenna Installation:** Attach the antennas to the cameras for wireless signal reception.
4. **Automatic Pairing:** The cameras are designed for plug-and-play operation and should automatically pair with the NVR. If not, refer to the Quick Start Guide for manual pairing instructions.

4.3 Network Configuration for Remote Access

1. **Download App:** Download the ANNKE Vision app from your device's app store (available for Windows, Android, and iOS).
2. **Register Account:** Create an account and log in to the app.
3. **Add Device:** Scan the QR code on your NVR or manually enter the device ID to add your security system to the app.
4. **Verify Connection:** Ensure the NVR is connected to the internet. The app will guide you through verifying the connection.
5. **Live View:** Once added, you can access live camera feeds and system settings remotely.

5. Operating Instructions

5.1 Live View

- **On Monitor:** Use the USB mouse to navigate the NVR interface. Double-click a camera view to enlarge it.
- **On Mobile App:** Open the ANNKE Vision app, select your device, and tap on a camera to view its live feed.

5.2 Recording

- **Continuous Recording:** The system is pre-configured for continuous recording to the 2TB HDD.
- **Motion-Triggered Recording:** Configure motion detection settings via the NVR menu or mobile app to record only when motion is detected, saving storage space.

5.3 Playback

- **Local Playback:** On the NVR, right-click the mouse, select 'Playback', choose the date and time, and select the desired camera.
- **Remote Playback:** In the mobile app, navigate to the playback section, select the camera and time range to review recorded footage.

5.4 Two-Way Audio

- While viewing a live feed on the mobile app, tap the microphone icon to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's microphone.

5.5 Motion Detection Alerts

- Configure alert settings in the NVR menu or mobile app to receive instant notifications (push notifications, email alerts with screenshots) when human motion is detected.
- Adjust motion detection zones and sensitivity to minimize false alarms.

6. Maintenance

- **Regular Cleaning:** Periodically clean camera lenses with a soft, dry cloth to ensure clear image quality.
- **Firmware Updates:** Check the ANNKE website or mobile app for available firmware updates to ensure optimal performance and security.
- **HDD Management:** The 2TB HDD provides ample storage. The system will automatically overwrite the oldest footage when full. Regularly back up important recordings if needed.
- **Connection Check:** Periodically verify all power and network connections are secure.
- **Password Security:** Change your system password regularly to maintain security.

7. Troubleshooting

Issue	Possible Cause	Solution
No video display on monitor	Loose HDMI/VGA cable, NVR not powered on, incorrect input source on monitor.	Check cable connections, ensure NVR is powered, select correct input source on monitor.
Cameras not connecting to NVR	Camera not powered, out of range, interference, pairing issue.	Ensure cameras are powered, reduce distance to NVR, check for obstructions, re-pair cameras if necessary (refer to Quick Start Guide).
No remote access via app	NVR not connected to internet, incorrect network settings, app login issue.	Verify NVR's internet connection, check network settings on NVR, ensure correct app login credentials.
False motion detection alerts	High sensitivity, environmental factors (e.g., moving branches, shadows).	Adjust motion detection sensitivity and configure detection zones to exclude irrelevant areas.
Two-way audio not working	Microphone/speaker disabled, volume too low, network latency.	Check audio settings in the app/NVR, increase volume, ensure stable network connection.

8. Product Specifications

Feature	Detail
Brand	ANNKE
Model Number	AU-N98WHR2-56CN-V1
Connectivity Technology	Wireless
Video Capture Resolution	4K, 5MP
Special Features	App Control, Human Detection, Siren Alarm, Two-Way Audio, Weatherproof

Feature	Detail
Number of Channels	16 (NVR), 6 (Cameras included)
Memory Storage Capacity	2 TB (expandable up to 8TB)
Color	White
Power Source	AC
Product Dimensions (L x W x H)	12.6 x 11.02 x 10.63 inches
NVR Video Format	H.264+
NVR Max Recording Resolution	Up to 8M
NVR Max Playback Resolution	Up to 8M
NVR Max Playback Channel	4CH
NVR Max Playback Capacity	4CH 5MP/2CH 8MP
NVR HDD Interface	1 SATA
NVR Network Interface	RJ45x1 (10/100M)
Camera Video Resolution	5MP (3840 x 2160)
Camera Image Sensor	1/2.7" Progressive Scan CMOS
Camera Video Compression	H.264+
Camera Audio Compression	G.711A
Camera Lens	3.6mm
Camera Angle of View	70°
Camera IR LEDs	18
Camera Night Vision Distance	Up to 100ft/30m
Camera IR-Cut Filter	Yes
Camera Ethernet	RJ45x1 (10M/100M)
Camera Wireless	2.4G & 5.8G dual-band, IEEE802.11b/g/n/ac

9. Warranty and Support

ANNKE is committed to providing reliable products and customer satisfaction. Your security system comes with comprehensive support.

- **After-Sale Support:** Dedicated assistance for any issues encountered after purchase.
- **Quick Response:** Timely responses to inquiries and support requests.
- **Lifetime Technical Help:** Access to technical assistance for the lifespan of your product.

For detailed warranty information or to contact support, please visit the official ANNKE website or refer to the contact information provided in your Quick Start Guide.

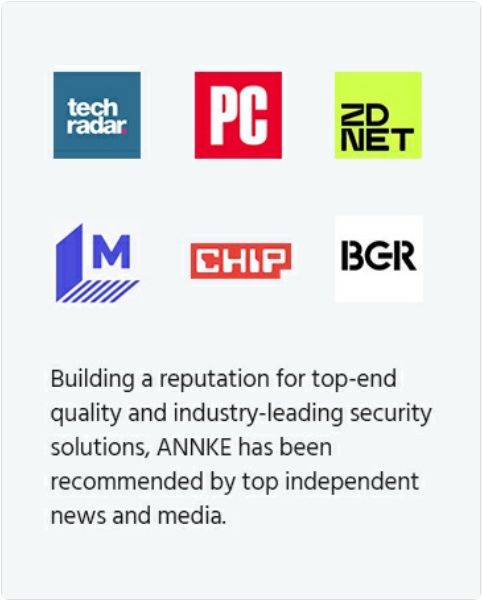


Image: ANNKE's commitment to customer support.

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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.

Name

Anonymous

Email

you@example.com

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