ANRAN P2 5MP WiFi Kit

ANRAN Wireless Security Camera System User Manual

Model: P2 5MP WiFi Kit

1. Introduction

This manual provides detailed instructions for setting up, operating, and maintaining your ANRAN Wireless Security Camera System. This system offers advanced features such as WiFi 6 connectivity, auto-tracking, multi-thing detection (people, vehicles, pets, parcels), two-way audio, and 24/7 recording capabilities to ensure comprehensive home security.

For optimal performance and safety, please read this manual thoroughly before installation and use. Keep this manual for future reference.

2. What's in the Box



Image: All components included in the ANRAN Wireless Security Camera System package.

- 4x WiFi Cameras
- 1x 10.5-inch NVR (Network Video Recorder) with Built-in 2TB HDD
- 4x Camera Power Adapters
- 4x Screw Packs for mounting
- 1x NVR Power Adapter
- 1x 1M Network Cable
- 1x USB Mouse

- 1x User Manual (this document)

3. System Setup

The ANRAN Wireless Security Camera System is designed for easy plug-and-play installation. The cameras and NVR are pre-matched from the factory.



Image: Visual guide for the initial setup steps.

1. **Power on the NVR:** Connect the NVR to a power outlet using the provided NVR power adapter. For initial setup and network access, connect the NVR to your router using the included network cable.
2. **Power on the Cameras:** Connect each camera to a power outlet using its dedicated power adapter. The cameras will automatically pair with the NVR.
3. **Download the ANRAN APP:** Scan the QR code displayed on the NVR monitor or search for "ANRAN" in your mobile app store (iOS/Android). Download and install the app to manage your system remotely.

Ensure the distance between the NVR and the cameras is within 25 meters for optimal wireless signal strength.

4. Operating Your System

4.1. WiFi Wireless Transmission

The system utilizes cutting-edge WiFi 6 technology for enhanced security, faster transmission speeds (up to 3x faster than WiFi 4), and improved reliability. This ensures ultra-responsive live streaming and instant alerts with reduced interference.



Image: Benefits of WiFi 6 technology for the security system.

4.2. Multi-Screen Viewing

View live feeds from multiple cameras simultaneously on the 10.5-inch NVR monitor. Use the included USB mouse to navigate and switch between single or multi-camera views.

Video: Demonstrates the multi-screen viewing capability and other features of the ANRAN 5MP WiFi Camera System.

4.3. Industry-Leading Auto-Tracking

The PTZ (Pan-Tilt-Zoom) cameras feature intelligent auto-tracking. When motion is detected, the camera will

automatically lock onto and follow the subject within its detection zone, ensuring continuous monitoring. This feature includes 4x digital zoom for clear detail.

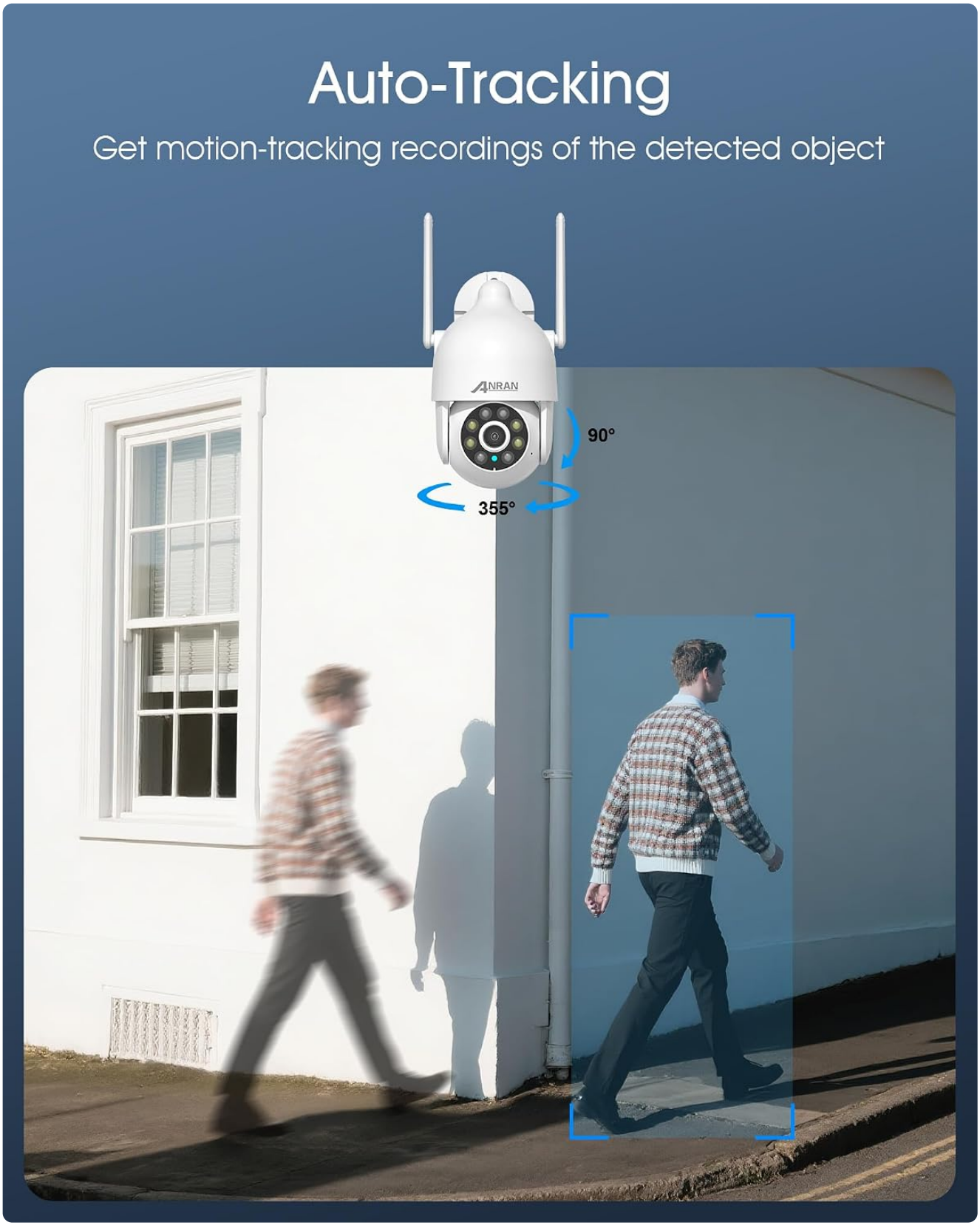


Image: Illustration of the auto-tracking function of the PTZ camera.

4.4. Advanced Multi-Thing Detection

Beyond basic motion detection, this system precisely identifies people, vehicles, pets, and packages. This advanced detection significantly reduces false alarms from environmental factors like rain or leaves, focusing alerts on what truly matters. The system maintains over 95% alarm accuracy.

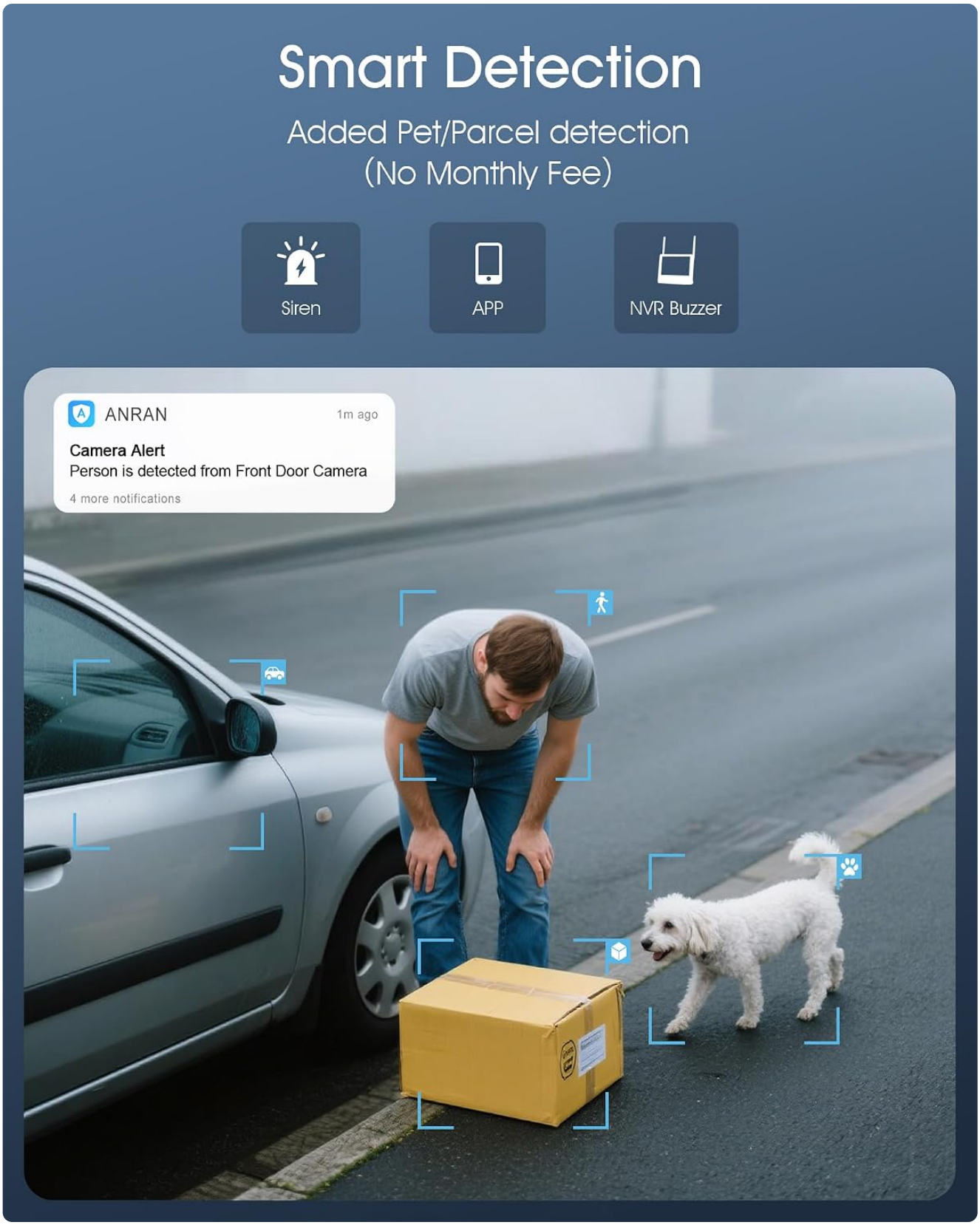


Image: Smart detection capabilities for various objects including pets and parcels.

4.5. Real-Time Two-Way Audio

Communicate directly with visitors or deter intruders using the built-in microphone and speaker on the NVR monitor. You can also use the mobile app for seamless remote interaction from anywhere, ensuring you're always connected.

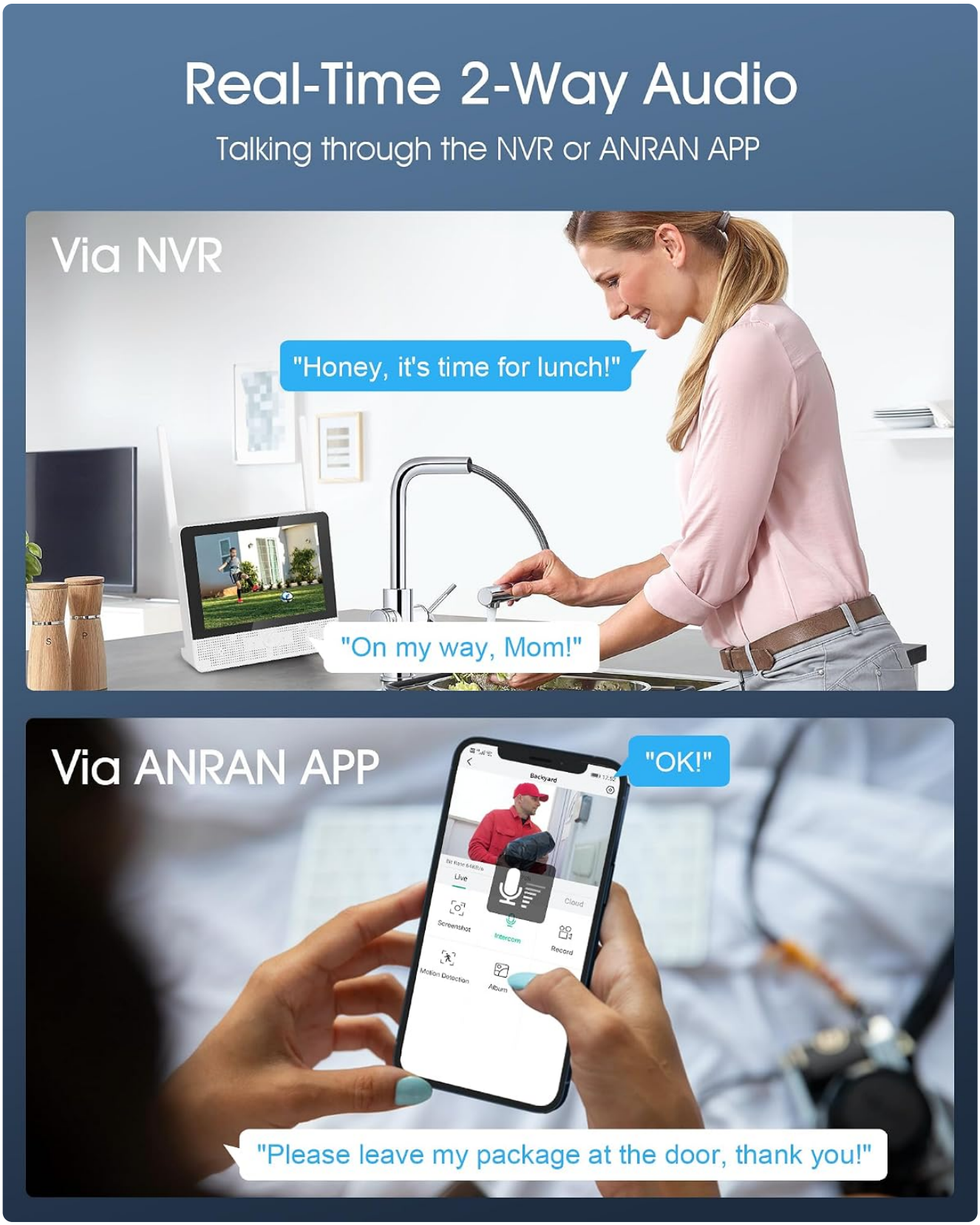


Image: Demonstrates two-way audio communication via the NVR and the ANRAN app.

4.6. 24/7 Surveillance and Local Storage

The system provides continuous 24/7 surveillance. It comes with a pre-installed 2TB surveillance HDD, capable of up to 16 days of continuous recording from 4 cameras. Storage is expandable up to 10TB, with automatic overwrite for worry-free storage management.

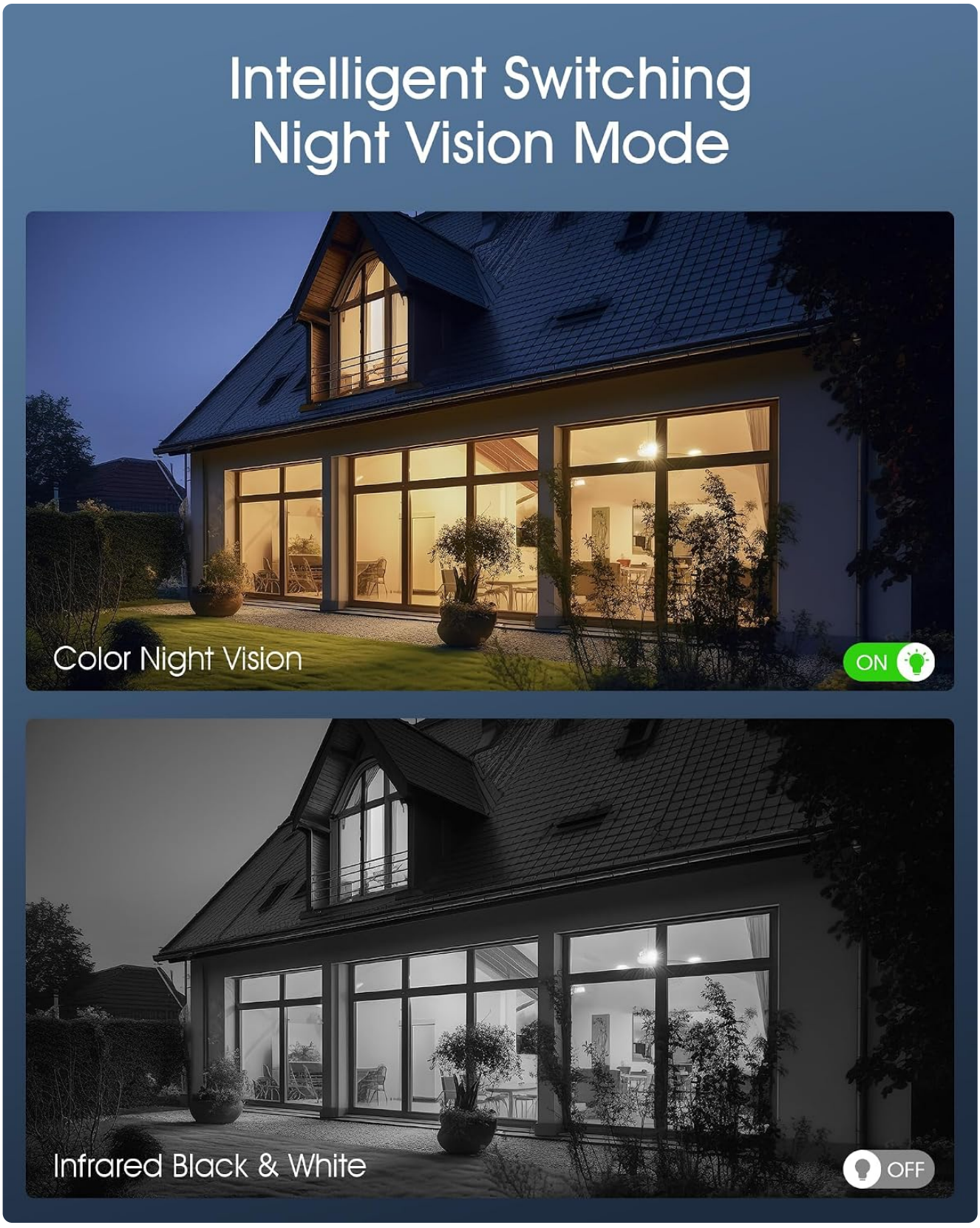


Image: Information on 24/7 recording and local storage capacity.

4.7. Intelligent Night Vision Mode

The cameras offer both color night vision and infrared black & white night vision modes. The system can intelligently switch between these modes based on lighting conditions, ensuring clear visibility even in complete darkness.



Image: Comparison of color night vision and infrared black & white night vision.

5. Maintenance

- **Clean Lenses:** Regularly wipe camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.

- **Check Connections:** Periodically inspect all power and network cable connections to ensure they are secure.
- **Software Updates:** Check the ANRAN APP for any available firmware updates for your NVR and cameras to ensure optimal performance and security.
- **Environmental Protection:** Ensure cameras are installed in locations protected from extreme weather conditions, even though they are IP67 waterproof.

6. Troubleshooting

Problem	Possible Solution
No image on NVR monitor	Check NVR power connection. Ensure cameras are powered on and within range. Restart NVR.
Cameras not connecting	Verify camera power. Ensure cameras are within 25m of the NVR. Re-pair cameras if necessary (refer to app instructions).
Poor image quality	Clean camera lenses. Check for obstructions. Ensure sufficient lighting for night vision.
No audio or poor two-way audio	Check NVR volume settings. Ensure microphone and speaker are not obstructed. Check network connection stability.
False alarms	Adjust detection sensitivity in the ANRAN APP. Utilize multi-thing detection settings to filter unwanted alerts.
Remote viewing issues	Ensure NVR is connected to the internet. Check mobile device's internet connection. Update ANRAN APP to the latest version.

If issues persist, please contact ANRAN customer support for assistance.

7. Specifications

Feature	Detail
Brand	ANRAN
Model Number	P2 5MP WiFi Kit
Connectivity Technology	Wireless (WiFi 6)
Video Capture Resolution	5MP (3K)

Feature	Detail
Special Features	WiFi 6, Auto-Tracking, Pet/Parcel/Human/Vehicle Detection, PTZ Control, Two-Way Audio, 24/7 Surveillance, App Control, Night Vision, Siren Alarm, Smart Playback, Automatic Overwrite
Number of Channels	8 (NVR expandable up to 8 cameras)
Memory Storage Capacity	2 TB (pre-installed HDD, expandable up to 10 TB)
Color	White
Power Source	Corded Electric
Item Dimensions (L x W x H)	10 x 8 x 8 inches
Recommended Uses	360° surveillance
Compatible Devices	Smartphones, Personal Computers, TV, Tablets, Laptops
Night Vision Range	100 Feet
Frame Rate	25 frames per second
Recording Mode	Event, Manual
Viewing Angle	360 Degrees (PTZ capability)

8. Warranty and Support

ANRAN stands behind its products with a comprehensive**1-year warranty**. Your satisfaction is our priority.
For any inquiries or issues, our team provides prompt, professional support within 24 hours. Please feel free to contact us via email. We value your suggestions to continually improve your experience.
Contact information for support can typically be found in the packaging or on the official ANRAN website.

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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.

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