ANRAN K04P7253

ANRAN 5MP PoE Camera System User Manual

Model: K04P7253

1. Product Overview

The ANRAN 5MP PoE Camera System provides comprehensive surveillance with high-definition imaging, intelligent detection features, and continuous recording capabilities. This system is designed for both indoor and outdoor use, offering robust security for your property.

Key Features:

- **5MP HD & Flexible Viewing Angle:** Delivers sharp 5MP images with 355° horizontal and 90° vertical PT (Pan/Tilt) range, ensuring comprehensive coverage.
- **24/7 Recording & Auto-Tracking:** Offers continuous recording and autonomously detects and tracks moving objects upon motion detection.
- **Smart Alert & Two-Way Audio:** Deters intruders with light and sound alarms and allows communication via the ANRAN app.
- **Easy Installation & IP67 Weatherproof:** Plug-and-play setup with PoE for stable data and power transmission. IP67 rating ensures durability in harsh weather.
- **0 Monthly Fee for Lifetime Local Recording:** Supports up to 8 channels with a built-in 2TB hard drive for secure video storage.

What's in the Box:

- 1 x Smart 8CH Expandable PoE NVR
- 4 x 5MP Outdoor PT PoE Camera
- 4 x 18.8m Ethernet Cable
- 1 x 2TB Hard Drive (Pre-installed)
- 1 x NVR Power Adapter/Mouse/Warning Sticker



Figure 1.1: Overview of the ANRAN 5MP PoE Camera System components, including four PTZ cameras and the NVR with a 2TB hard drive.

2. Setup Guide

Follow these steps to set up your ANRAN PoE Camera System.

2.1 Initial Connection

1. Connect the NVR to a monitor or TV using an HDMI or VGA cable.
2. Connect the NVR to your router using an Ethernet cable for network access.
3. Connect the NVR to a power source using the provided power adapter.
4. Connect each PoE camera to an available PoE port on the NVR using the provided Ethernet cables. The cameras will receive both power and data through these cables.

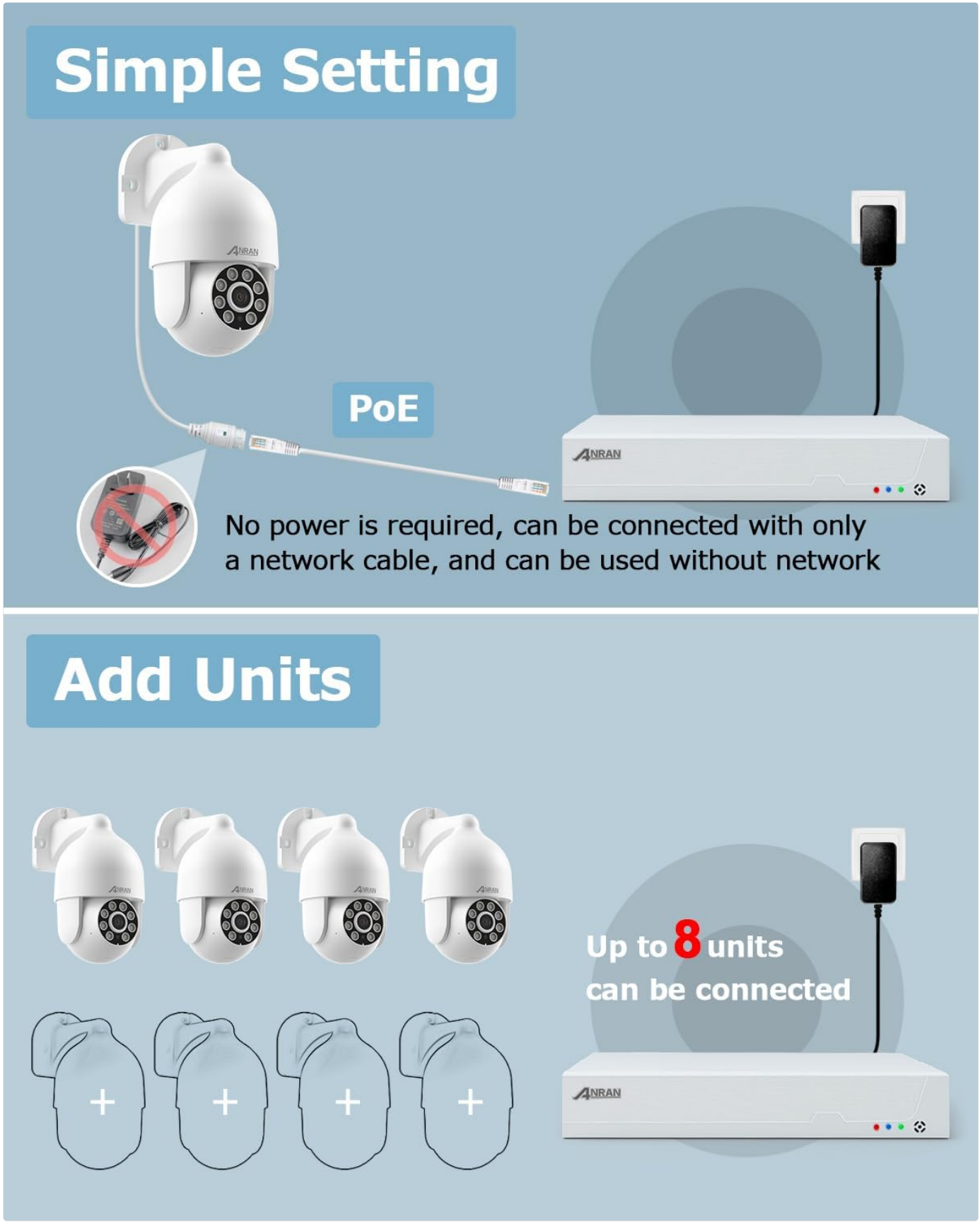


Figure 2.1: Simple setup diagram illustrating the connection of PoE cameras to the NVR via Ethernet cables, providing both power and data.



Figure 2.2: Detailed connection diagram showing the NVR connected to a monitor, router, and PoE cameras for power, image, and sound transmission.

2.2 Mobile App Setup

Download the ANRAN app from your smartphone's app store (available on Google Play and Apple App Store). Follow the in-app instructions to add your NVR system for remote viewing and control.

Your browser does not support the video tag.

Video 2.1: An official ANRAN video demonstrating the setup process for the 5MP PoE Security Camera System, including initial connections and app configuration.

3. Operating Instructions

Learn how to utilize the various features of your ANRAN camera system.

3.1 Pan, Tilt, and Zoom (PTZ) Control

The PTZ cameras offer 355° horizontal rotation and 90° vertical tilt, allowing you to adjust the monitoring angle remotely via the ANRAN app. This ensures comprehensive coverage without dead zones.



Figure 3.1: Illustration of the camera's 355° horizontal and 90° vertical rotation capabilities, controlled through the mobile application.

Your browser does not support the video tag.

Video 3.1: An official ANRAN video demonstrating the Pan/Tilt/Zoom functionality of the PoE security camera, showcasing remote control via the app.

3.2 Night Vision Modes

The cameras support three night vision modes: Infrared, Full Color, and Intelligent. You can select the mode that best suits your monitoring needs through the app.

- **Infrared Mode:** Provides clear black and white images in low light or complete darkness.
- **Full Color Mode:** Utilizes built-in spotlights to capture full-color video even at night.
- **Intelligent Mode:** Automatically switches to full-color recording when motion is detected in dark environments.

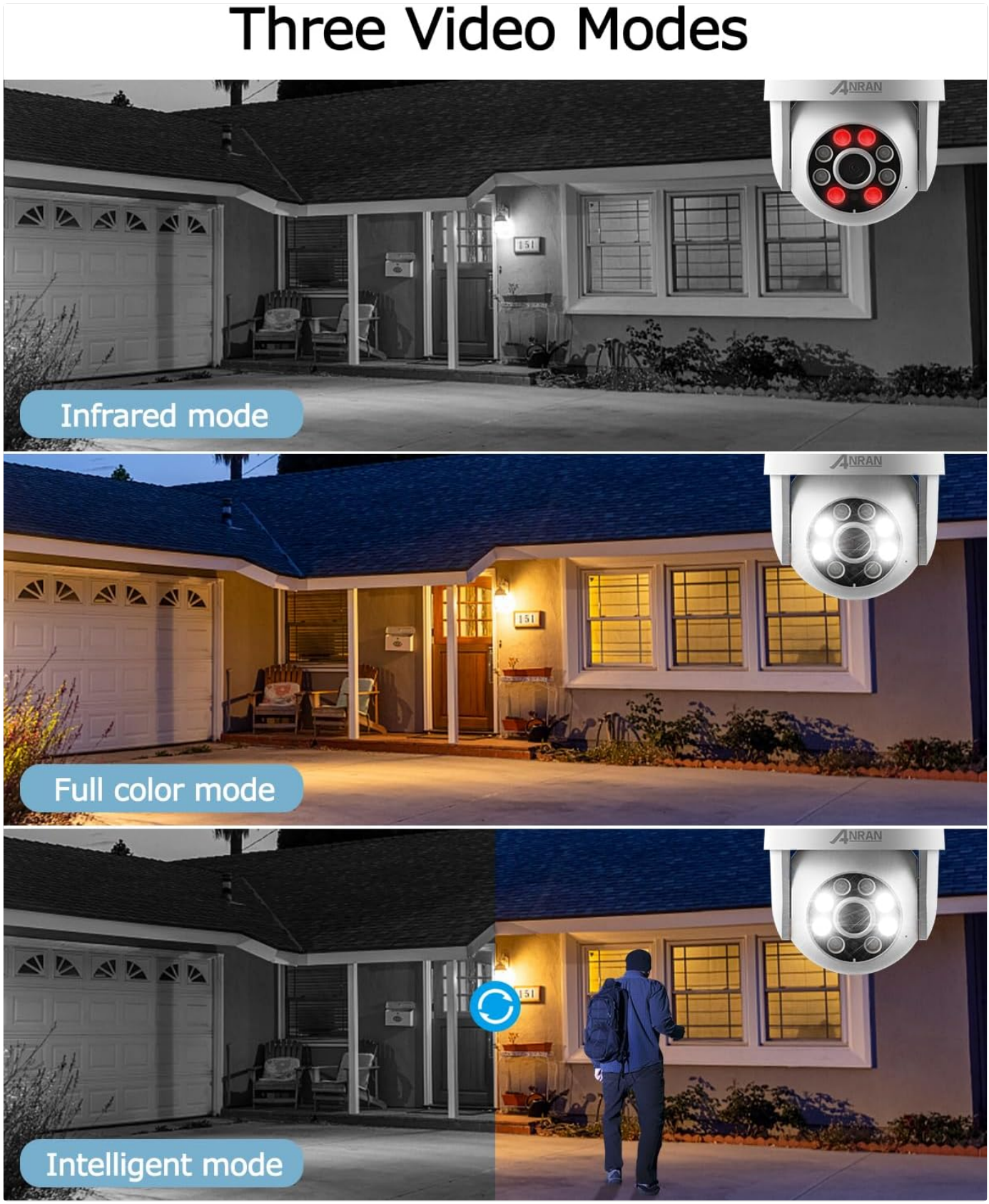


Figure 3.2: Visual representation of the three available night vision modes: Infrared, Full Color, and Intelligent, demonstrating their respective outputs.

3.3 AI Detection and Smart Alerts

The system features advanced AI analysis technology to accurately identify humans, vehicles, pets, and packages. Upon

detection, the cameras can trigger light and sound alarms to deter intruders and send instant notifications to your ANRAN app.

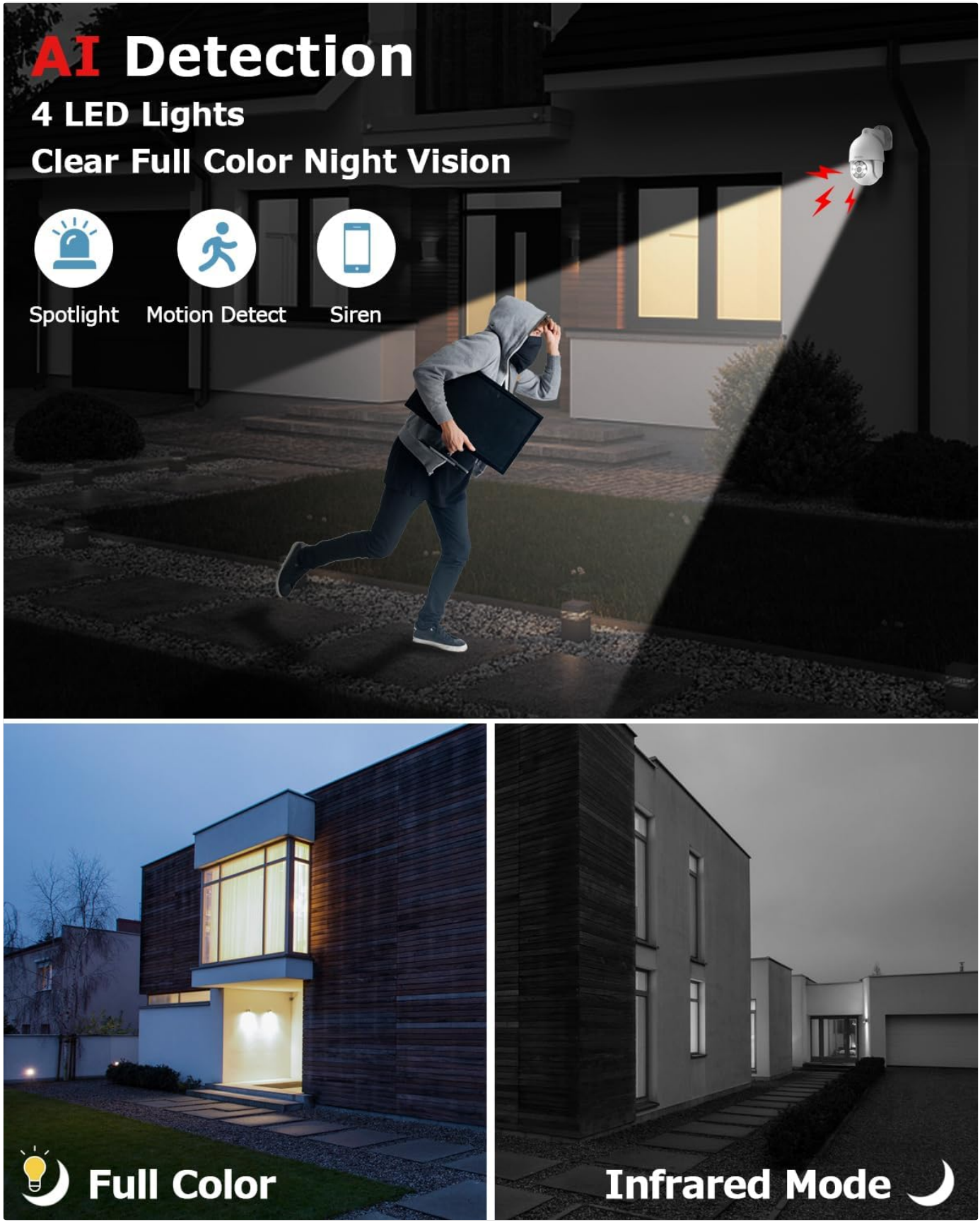


Figure 3.3: Depiction of AI detection capabilities, highlighting spotlight activation, motion detection, and siren alerts for enhanced security.

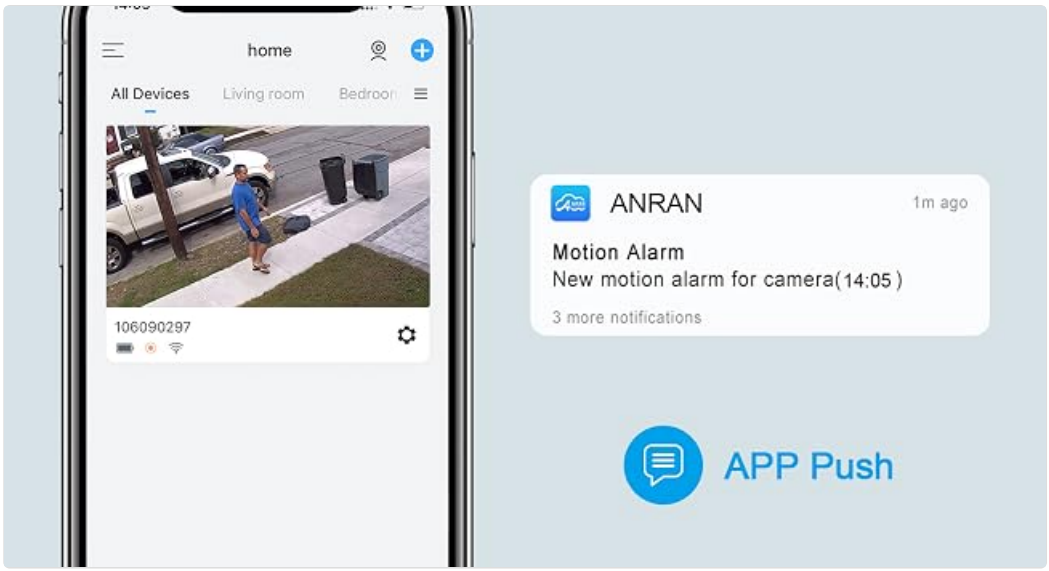


Figure 3.4: Example of AI analysis accurately identifying vehicles and persons within the surveillance area for more efficient monitoring.

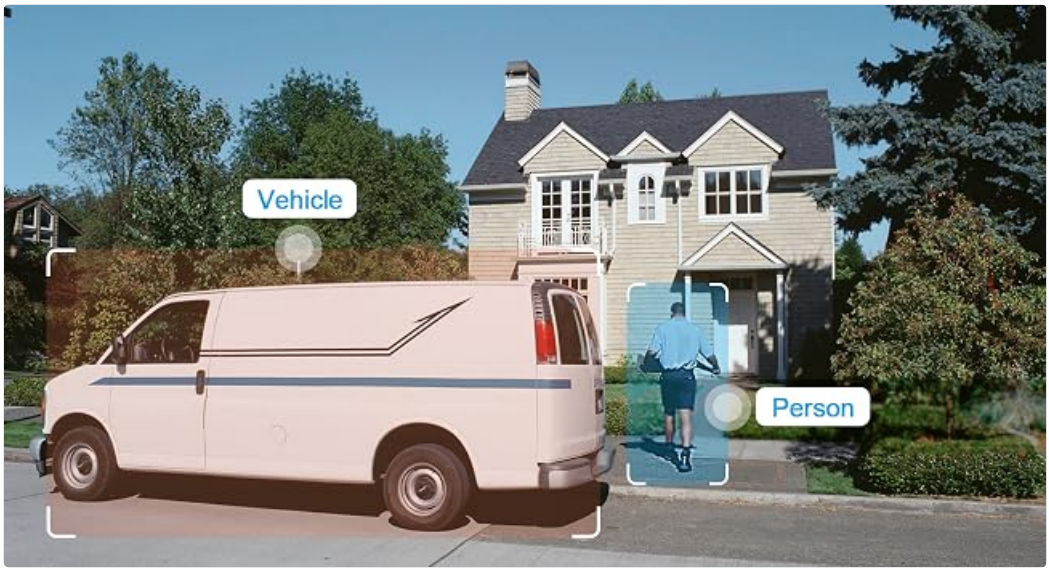


Figure 3.5: Screenshot of a smartphone displaying a motion alarm notification from the ANRAN app, indicating detected activity.

3.4 Two-Way Audio

With built-in microphones and speakers, the cameras enable two-way communication. You can speak to visitors or deter unwanted individuals directly through the ANRAN app on your phone.

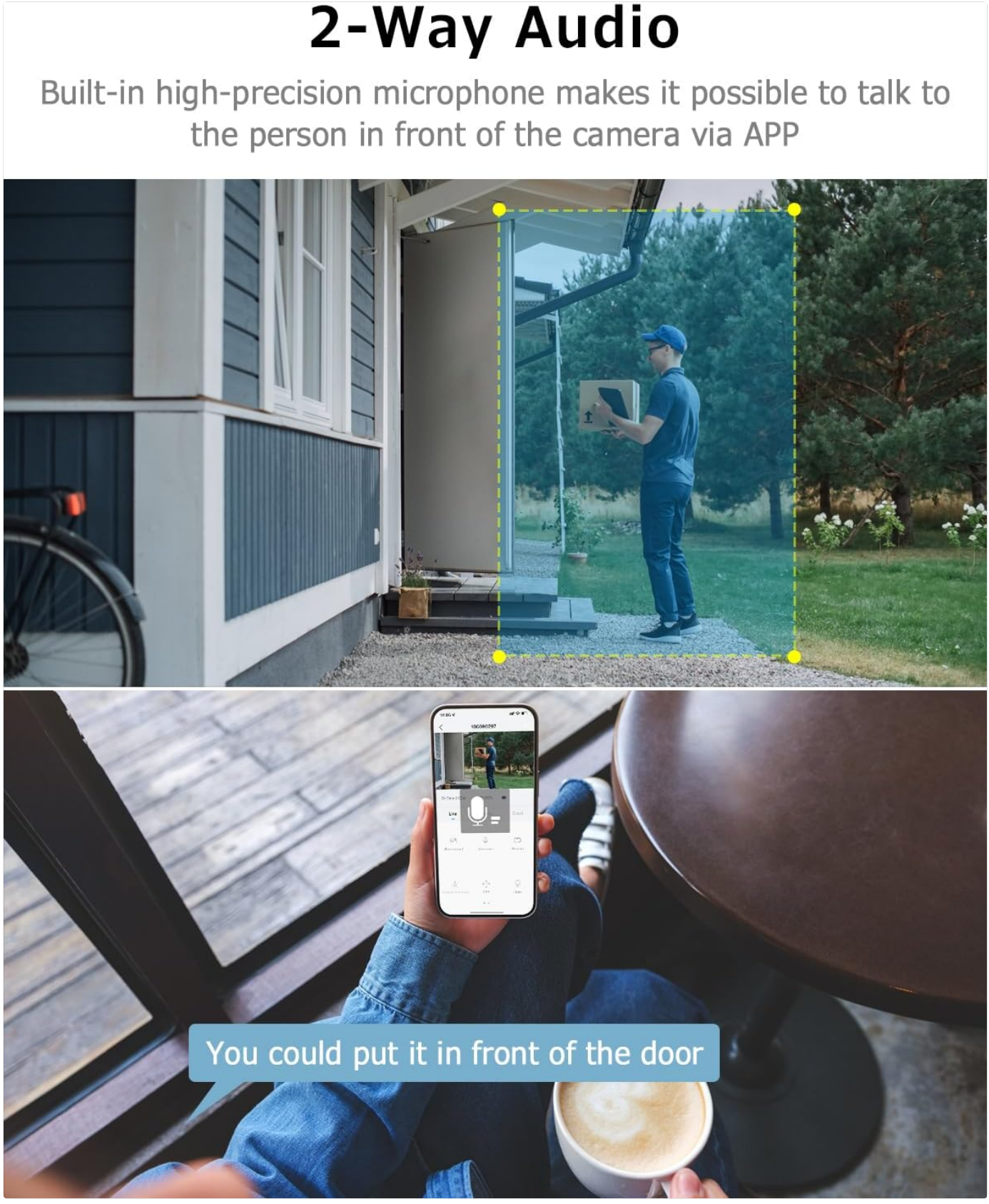


Figure 3.6: Illustration of the two-way audio feature, allowing communication with individuals in front of the camera via the mobile app.

3.5 24/7 Recording and Remote Access

The system provides continuous 24/7 recording, stored securely on the pre-installed 2TB hard drive. You can access live views and recorded footage anytime, anywhere, via the ANRAN app.

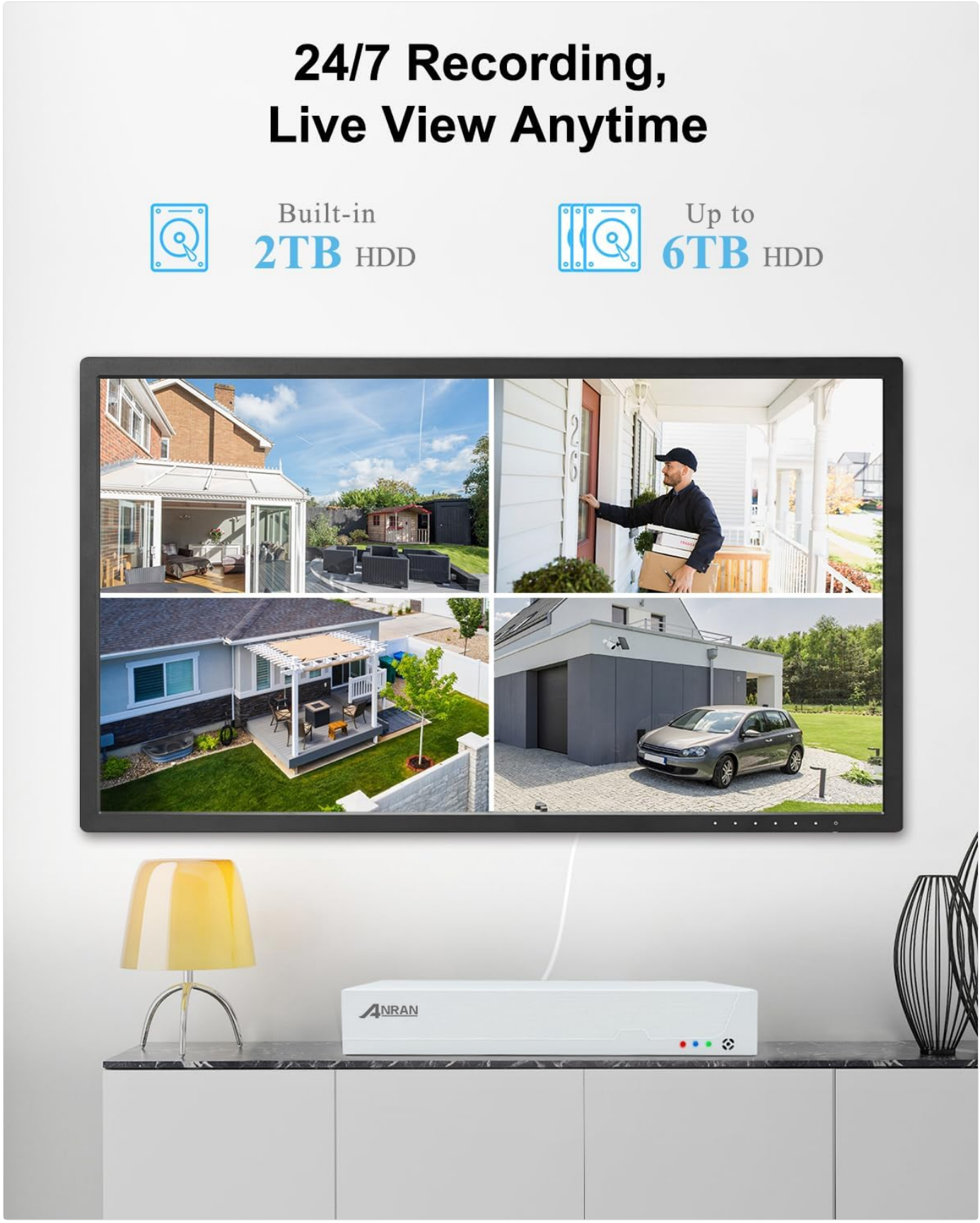


Figure 3.7: A monitor displaying live feeds from multiple cameras, demonstrating the 24/7 recording and live view capabilities of the system.



Figure 3.8: Visual representation of the 2TB hard drive, highlighting its large capacity for continuous video recording.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your ANRAN camera system.

4.1 Weather Resistance

The cameras are IP67 weatherproof rated, designed to withstand various outdoor conditions, including rain, snow, and extreme temperatures (-10°C to 50°C / 13°F to 122°F). Regular visual inspection for debris or obstructions on the lens is recommended.

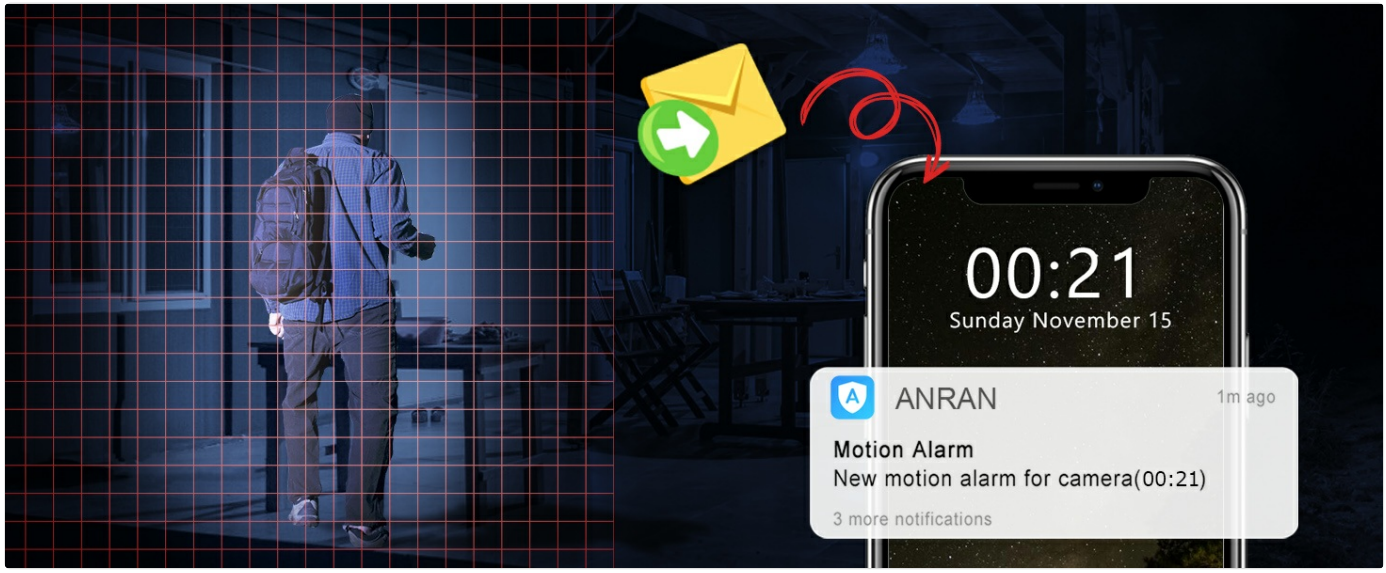


Figure 4.1: The camera demonstrating its IP67 water and dust resistance, ensuring continuous operation in various weather conditions.

4.2 Hard Drive Management

The NVR comes with a pre-installed 2TB hard drive. When the hard disk capacity is full, the system automatically overwrites the oldest video files to save new recordings. No manual intervention is typically required for continuous recording.

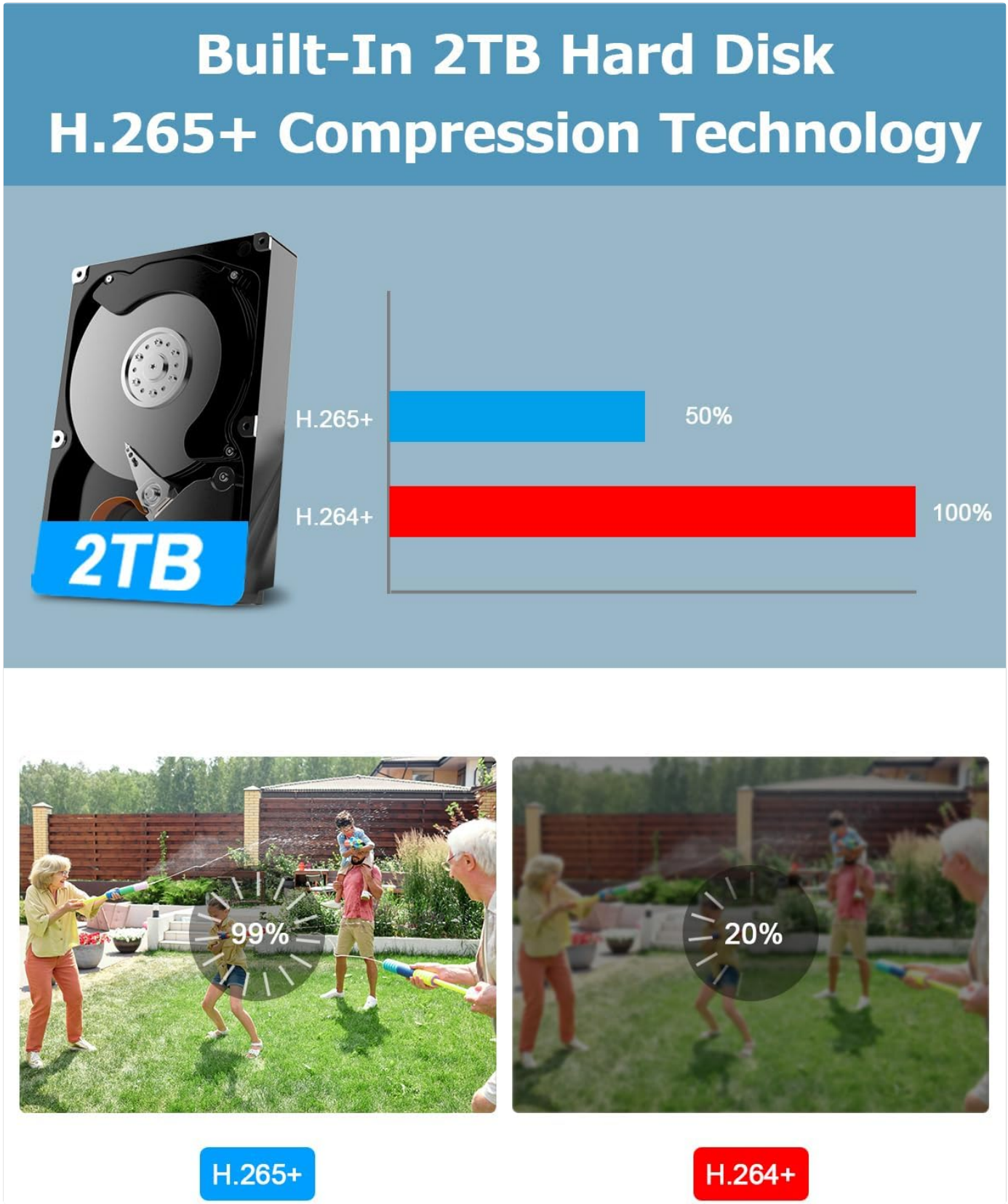


Figure 4.2: Illustration of H.265+ compression technology, which optimizes storage space on the 2TB hard drive, allowing for longer recording periods compared to H.264.

5. Troubleshooting

If you encounter issues with your ANRAN system, refer to the following common troubleshooting tips:

- **No Video Feed:** Ensure all cables (power, Ethernet, HDMI/VGA) are securely connected. Check if the NVR and

cameras are powered on. Verify network connectivity.

- **Poor Image Quality:** Clean the camera lens. Ensure sufficient lighting for optimal image capture, especially for full-color night vision. Check the resolution settings in the NVR or app.
- **No Motion Detection:** Verify that motion detection is enabled in the app settings. Adjust sensitivity levels and detection zones as needed.
- **No Audio:** Check microphone and speaker settings in the app. Ensure volume is not muted.
- **Remote Access Issues:** Confirm your NVR is connected to the internet. Check your router settings and ensure the ANRAN app has necessary network permissions on your mobile device.
- **Hard Drive Full:** The system is designed to automatically overwrite old footage. If recording stops unexpectedly, check the hard drive status in the NVR settings.

For more detailed troubleshooting or persistent issues, please contact ANRAN customer support.

6. Specifications

Feature	Specification
Brand	ANRAN
Model Number	K04P7253
Connectivity Technology	Wired (PoE)
Video Capture Resolution	5MP (1944p)
Special Features	5MP Ultra HD Color Night Vision, Human/Vehicle Detection, 355° Pan 90° Tilt, Auto-Tracking, 24/7 Recording, IP67 Waterproof, Motion Activate Lights & Alarm
Number of Channels	8
Memory Storage Capacity	2 TB (HDD)
Power Source	DC
Item Dimensions (L x W x H)	6.5 x 5.31 x 7.48 inches
Operating System	PoE System with 8CH PoE NVR
Recommended Uses	Indoor/Outdoor
Compatible Devices	Smartphones, Tablets, Cameras

Feature	Specification
Night Vision Range	100 Feet
Frame Rate	25fps
Optical Sensor Technology	CMOS
Viewing Angle	120 Degrees

7. Warranty and Support

ANRAN is committed to providing excellent customer service and product support.

7.1 Warranty Information

This product comes with a**2-year warranty**. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For any questions, technical assistance, or warranty inquiries, please contact ANRAN customer support:

- **Email:** support@anran-cctv.com
- **Phone:** +1-866-958-6908
- **Response Time:** Typically within 15 minutes (7/24-hour customer support)



Figure 7.1: ANRAN customer support details, including email and phone contact for assistance.

7.3 Additional Resources

- **Official User Manual (PDF):** Download PDF
- **ANRAN Brand Store:** Visit Store

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