

ANRAN 8 Channel 2K NVR 4Pcs 3MP Home WiFi Security Camera Outdoor with 13" LCD Monitor

ANRAN Wireless Security Camera System

MODEL: 8 CHANNEL 2K NVR WITH 13" LCD MONITOR

1. Introduction

The ANRAN Wireless Security Camera System provides comprehensive surveillance for your home or business. This system includes a 13-inch Full HD 1080P LCD monitor NVR and four 3MP outdoor security cameras, with a 1TB hard drive preinstalled for 24/7 recording. The cameras and NVR are auto-paired from the factory, ensuring a true plug-and-play experience.

Key features include high-definition 3MP video, IP66 waterproof rating for outdoor use, 180-degree pan rotation for wide viewing angles, one-way audio, smart night vision, and advanced motion detection with AI technology to reduce false alarms. Remote viewing is available via the free 'ARCCTV' app on your smartphone or tablet.

2. What's in the Box

Upon opening your ANRAN Wireless Security Camera System package, you will find the following components:

- 1x 8-Channel Security NVR with 13" LCD Monitor (1TB Hard Drive Pre-installed)
- 4x 3MP Wireless IP Security Cameras
- 1x DC 12V/2A Power Adapter for NVR
- 4x DC 12V/1A Power Adapters for IP Cameras
- 1x USB Mouse
- 1x 3ft Ethernet Cable
- 4x Mounting Screws
- 4x Dual Adhesive Tape
- 1x User Manual
- 1x Warning Sticker

Packing List



8CH Security NVR

x1



3MP Security Camera

x4



Power Supply for NVR

x1



Power Supply for Camera

x4



Screw Bag

x4



USB Mouse

x1



3ft Network Cable

x1



Manual

x1

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

Video: An overview of the ANRAN Wireless Security Camera System components and unboxing process.

3. Setup Guide

The ANRAN system is designed for true plug-and-play functionality. Follow these steps for initial setup:

1. **Connect the NVR:** Place the NVR monitor in a central location. Connect the provided DC 12V/2A power adapter to the NVR and plug it into a power outlet.
2. **Connect the Cameras:** Position each 3MP wireless camera in your desired surveillance areas. Connect each camera to its respective DC 12V/1A power adapter and plug them into power outlets.
3. **Automatic Pairing:** The cameras and NVR are pre-paired at the factory. Once powered on, the cameras will automatically connect to the NVR, and their video feeds will appear on the 13-inch LCD monitor.
4. **Connect to Internet (Optional for Remote View):** For remote viewing and advanced features, connect the NVR to your router using the provided Ethernet cable.
5. **Install Hard Drive (if not pre-installed):** The 1TB hard drive is pre-installed. If for any reason it needs to be installed or replaced, refer to the detailed instructions in the full user manual.

Auto Pair. True Plug and Play

Camera Need Power Supply



Easy Access Remote View



Image: Simple plug-and-play setup for the ANRAN Wireless Security Camera System.

Video: Demonstrating the easy setup and plug-and-play functionality of the ANRAN 3MP All-In-One Wireless Security Camera System.

4. Operating the System

4.1 High-Definition Video & Pan Rotation

The 3MP (2048 x 1536) cameras capture crystal-clear images. The cameras feature a 90° viewing angle combined with a 180° pan rotation, allowing you to cover a wider area and reduce blind spots. Use the NVR interface or the mobile app to control the pan rotation.



Image: Camera demonstrating 180-degree pan rotation for wider coverage.

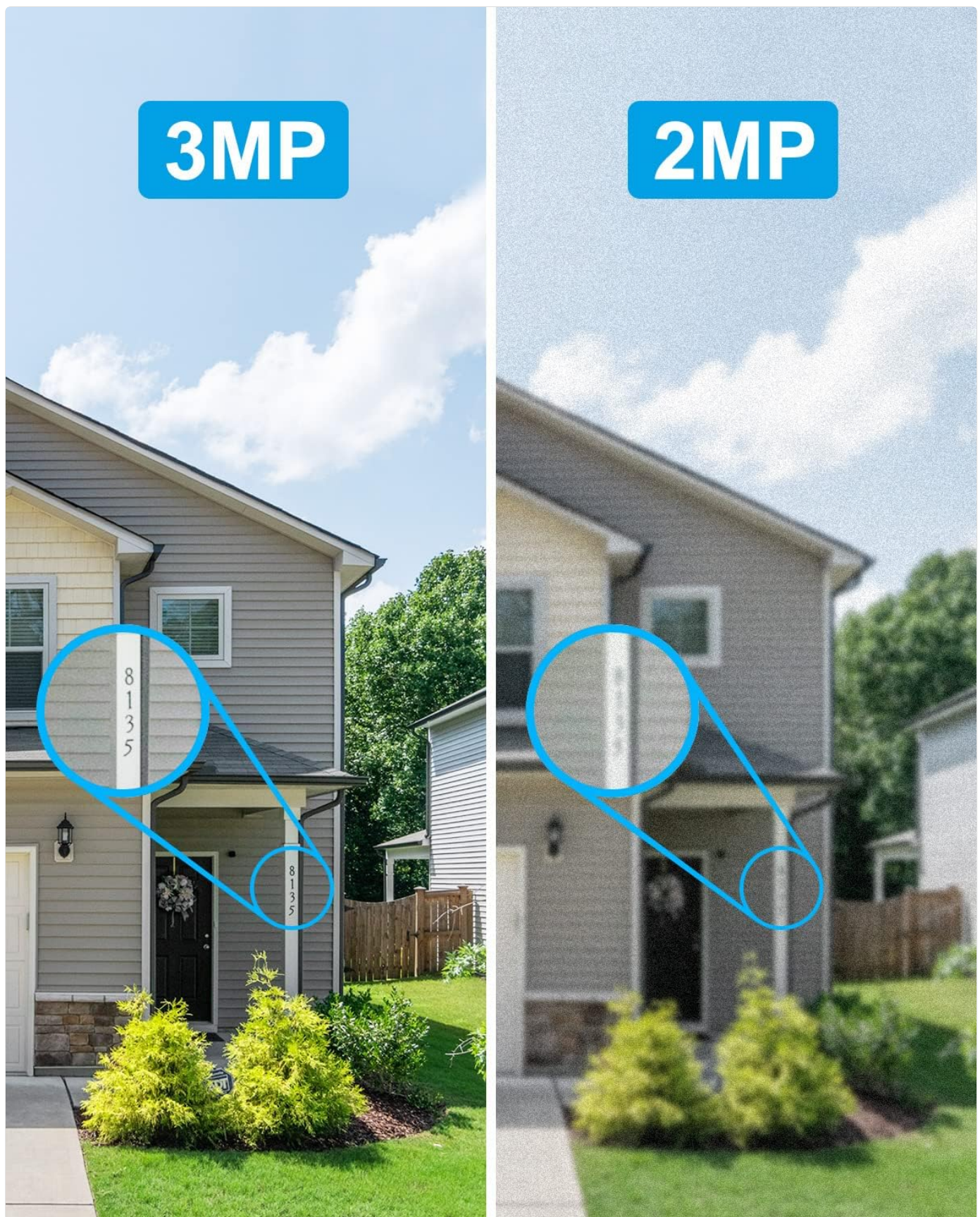


Image: Visual comparison of 3MP versus 2MP video quality.

4.2 One-Way Audio & Remote View

The cameras are equipped with one-way audio, allowing you to hear sounds from the camera's vicinity. To enable remote viewing, connect the NVR to your router via Ethernet. Download the free 'ARCCTV' app from Google Play or the APP Store, register an account, and add your device ID. You can then view live video remotely and receive alerts on your smartphone or tablet. Multiple users can access the system simultaneously.

Two-way Audio

Talk with your visitors from Anywhere



Image: Demonstration of the one-way audio feature for communication.

4.3 Smart Night Vision & Motion Detection

Equipped with 18 IR LEDs, the cameras provide clear night vision up to 65 feet in complete darkness. The advanced AI technology distinguishes people from animals or objects, significantly reducing false alarms. When an intruder is detected, the system will display a human frame on the screen and trigger an LED alarm, and you will receive motion detection screenshots and 30-second video clips via the ARCCTV app.

Motion Detection and Email Alert

Motion detection screenshot and 30 seconds small video
on ARCCTV

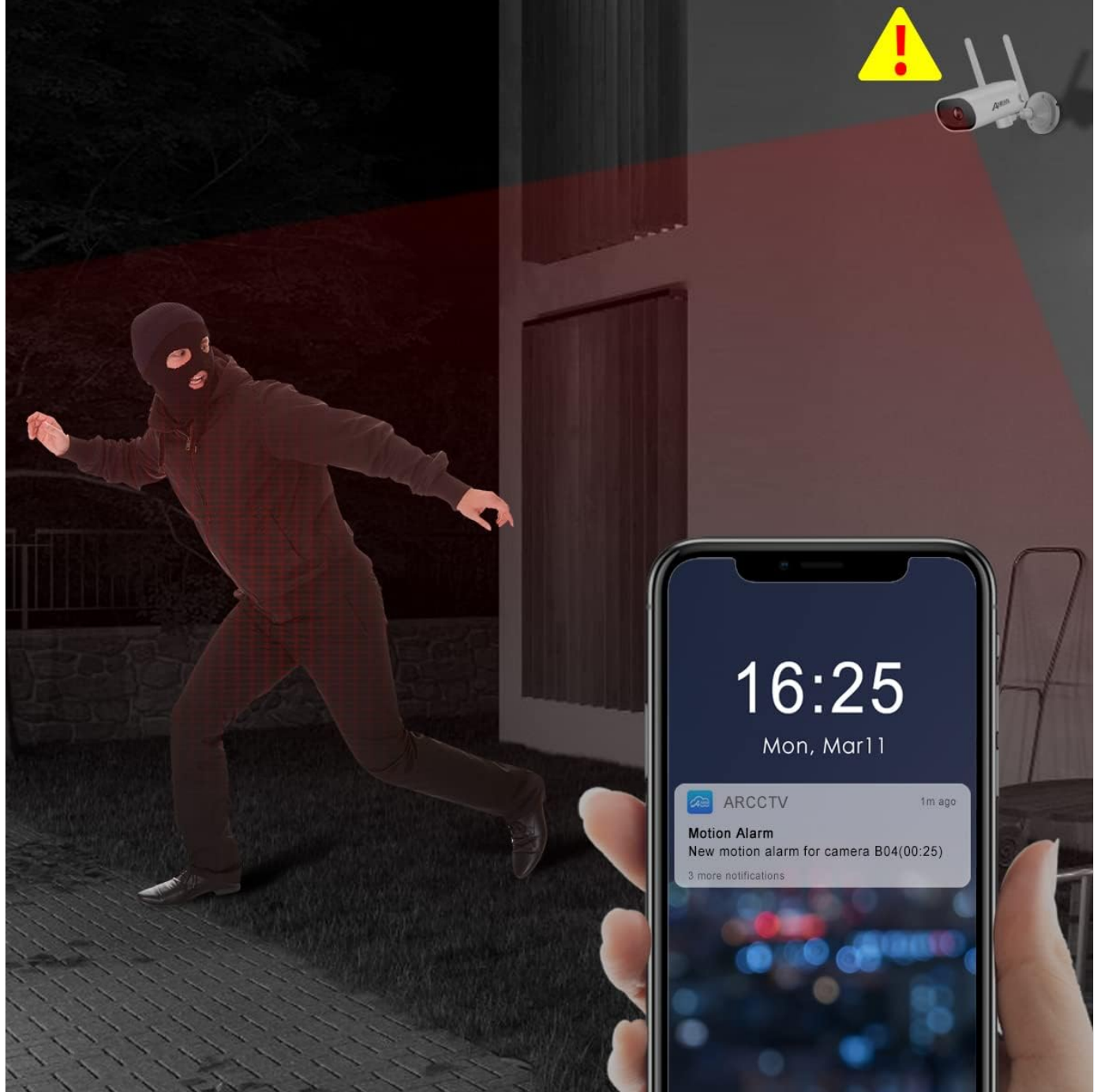


Image: Motion detection alert on a smartphone.



Image: Day and night vision comparison and camera's waterproof design.

4.4 24/7 Surveillance & Expandability

The system supports 24/7 continuous recording with the pre-installed 1TB hard drive. This 8-channel system is expandable, allowing you to add up to four additional cameras if needed, for a total of eight cameras.

Stunning Viewing for 24/7 Surveillance



Expandable Security Camera System supporting up to 8pcs



Image: System expandability to support up to 8 cameras.

5. Maintenance

- **Regular Cleaning:** Periodically clean the camera lenses with a soft, dry cloth to ensure clear image quality.
- **Firmware Updates:** Check the ANRAN official website or the ARCCTV app for any available firmware updates to ensure optimal performance and security.

- **Hard Drive Management:** The 1TB hard drive provides ample storage. The system will automatically overwrite older footage when the drive is full. Back up important footage regularly.
- **Power Supply Check:** Ensure all power adapters are securely connected and free from damage.

6. Troubleshooting

- **No Video Feed:** Ensure both the NVR and cameras are powered on. Check power connections. If cameras are not auto-pairing, try manually pairing them (refer to the full user manual for instructions).
- **Poor Image Quality:** Clean camera lenses. Ensure cameras are within optimal range of the NVR for strong wireless signal.
- **No Remote Access:** Verify the NVR is connected to your router via Ethernet. Check your internet connection. Ensure the ARCCTV app is correctly configured with your device ID and has necessary permissions.
- **False Motion Alarms:** Adjust motion detection sensitivity settings in the NVR or app. Utilize the AI human detection feature to minimize alerts from non-human movements.
- **Night Vision Issues:** Ensure there are no obstructions directly in front of the camera's IR LEDs.

7. Specifications

Feature	Specification
Brand	ANRAN
Connectivity Technology	Wireless
Video Capture Resolution	3MP (2048 x 1536)
Special Features	Wireless, Waterproof (IP66), Night Vision, Motion Sensor, Pan 180°
Number of Channels	8 (4 cameras included, expandable to 8)
Memory Storage Capacity	1 TB (Pre-installed)
Color	White
Power Source	Corded Electric
Compatible Devices	Smartphones, Tablets, Cameras
Signal Format	Analog
Other Camera Features	Front
Low Light Technology	Night Color
Night Vision Range	65 Feet
Frame Rate	30 fps

Recording Mode	Continuous Motion Detection
Optical Sensor Technology	CMOS
Lens Type	Fixed
Viewing Angle	90 Degrees
Working Temperature	14°F to 122°F (-10°C to 50°C)

8. Warranty & Technical Support

ANRAN wireless camera security systems come with a **1-year warranty** and offer **lifetime free technical support**. If you encounter any problems or have questions regarding your system, please do not hesitate to contact ANRAN customer support. They are dedicated to assisting you and ensuring your satisfaction.

For more detailed information and troubleshooting, please refer to the official user guide:

[Download Official User Guide \(PDF\)](#)

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

