Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

ANRAN SW-K04W6684-wifi

ANRAN Wireless Security Camera System User Manual

Model: SW-K04W6684-wifi
Brand: ANRAN

1. Product Overview

The ANRAN Wireless Security Camera System provides comprehensive surveillance for your home or business. This system includes an 8-channel Network Video Recorder (NVR) with a pre-installed 1TB hard drive and four 3MP wireless IP cameras. Key features include a 180-degree pan function for wide viewing angles, one-way audio, night vision, and remote access via a mobile application.

2. What's in the Box

Verify that all components are present upon unboxing:

- 1 x 8-Channel NVR (with pre-installed 1TB HDD)
- 4 x 3MP Wireless IP Cameras
- 1 x NVR Power Adapter
- 4 x Camera Power Adapters
- 1 x USB Mouse
- 1 x Ethernet Cable
- Mounting Screw Kits
- User Manual



Figure 2.1: Main components of the ANRAN Wireless Security Camera System.

3. Product Features

- **180° Pan Super Wide Viewing Angle & HD 3 Megapixel:**The camera lens offers a 90° view, complemented by a 180° horizontal rotation device on the mount, allowing for extensive coverage. The 3MP (2304x1296 pixels) resolution ensures clear video. Built-in HD IR LEDs provide night vision up to 65ft.



Figure 3.1: Camera demonstrating 180-degree pan functionality.

- **One-Way Audio & Expandable 8CH:** Each camera includes a noise-reduction microphone for clear audio monitoring during live view or playback. The 8-channel NVR supports up to four additional cameras, allowing for system expansion.



Figure 3.2: Illustration of the one-way audio feature, allowing you to hear sounds from the camera's location.

- **Easy Setup & 1TB Hard Drive Preinstalled:**The system is designed for plug-and-play installation. Cameras are pre-paired with the NVR at the factory. Simply connect power to the NVR and cameras. The 1TB HDD supports over 30 days of continuous 24/7 recording.



Figure 3.3: The system features auto-pairing for easy setup and supports 24/7 recording.

- **Remotely Anytime and Anywhere:** Access live video remotely via the free “ARCCTV” app (available for Android & iOS) on your phone or tablet. PC/laptop viewing is supported via CMS software for Windows and MAC systems.

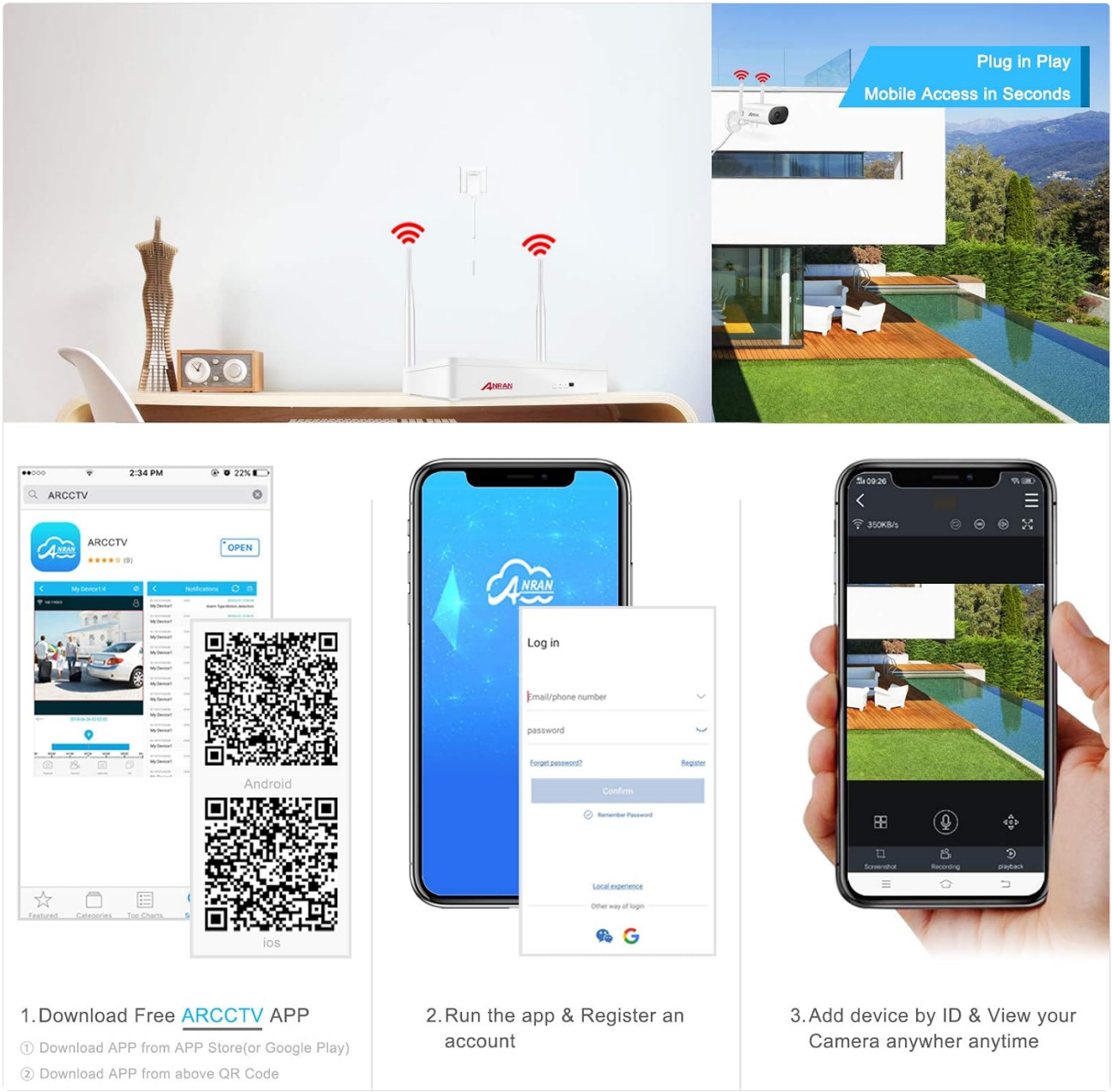

Figure 3.4: Steps for downloading the ARCCTV app and setting up remote viewing.

- **Alerts & Video Playback:** The system supports sync-playback, video backup, and motion detection. Receive email or app alerts upon motion detection. Seamlessly stream video directly to your smartphone, tablet, or PC.

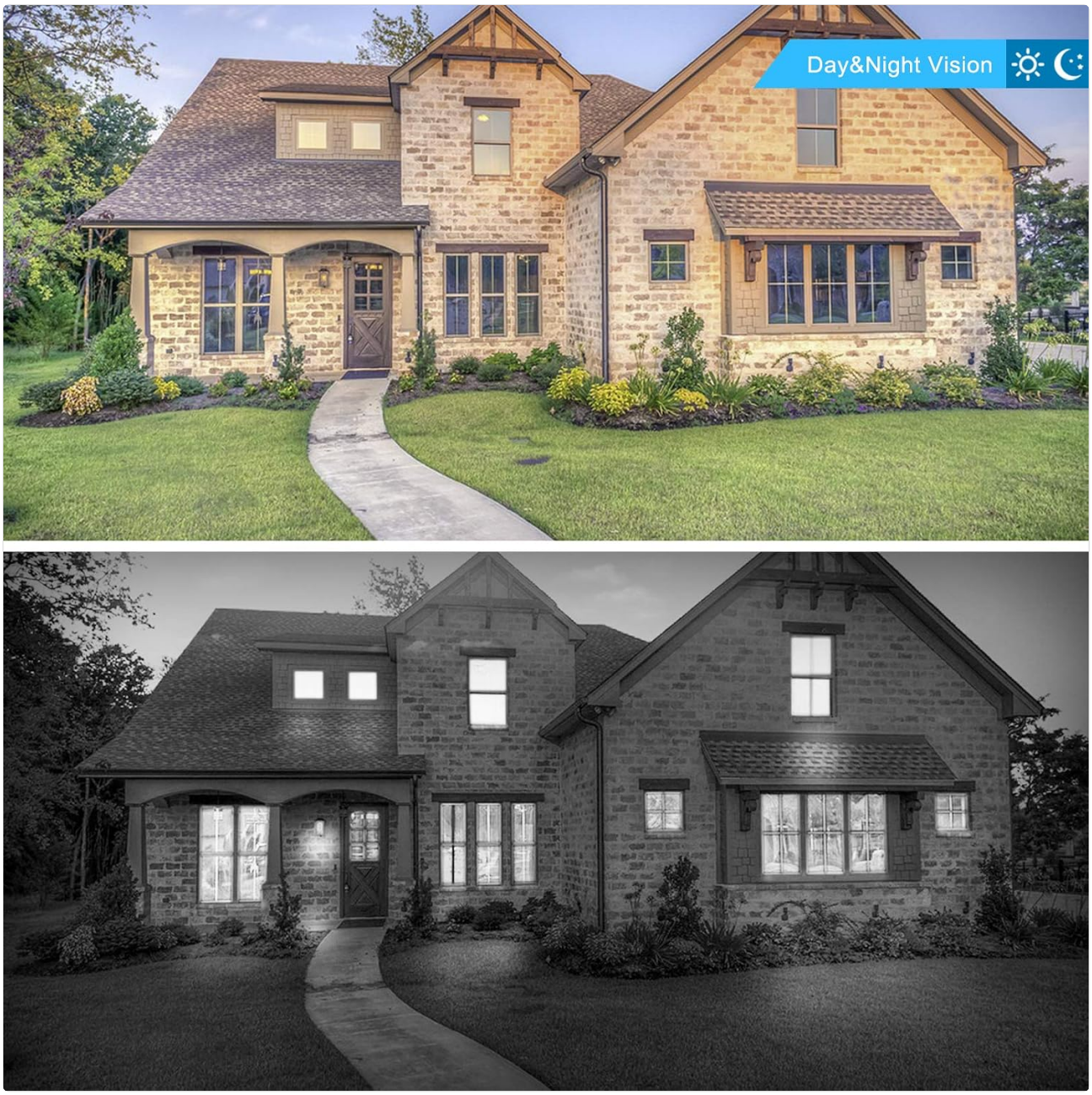

Figure 3.5: Comparison of day and night vision capabilities of the cameras.

4. Setup Guide

4.1 Initial NVR and Camera Connection

1. Connect the NVR to a power source using its dedicated power adapter.
2. Connect each camera to a power outlet using its individual power adapter.
3. Connect the NVR to a monitor (VGA or HDMI) and attach the USB mouse for local control.
4. The cameras are pre-paired and should automatically connect to the NVR once powered on.

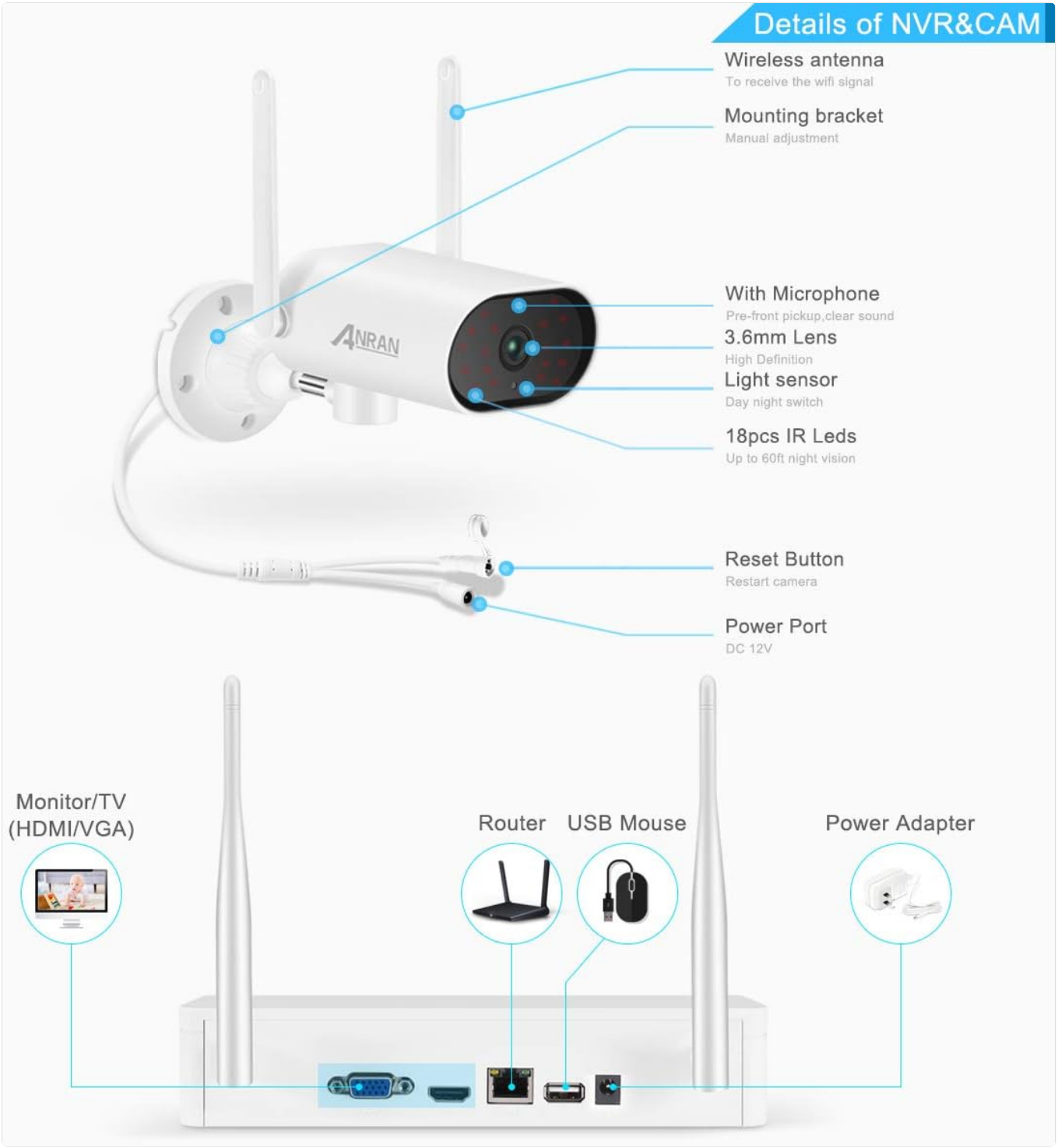

Figure 4.1: Detailed diagram showing connections for the NVR and camera components.

4.2 Camera Installation

The cameras are designed for easy installation with a built-in motor for pan adjustment and IP66 weather resistance for outdoor use.

Video 4.1: Demonstration of the camera's installation process, built-in motor for pan, 18 IR LEDs for night vision, and IP66 weather resistance. This video also shows the motion detection alert feature.

4.3 Mobile App Setup (ARCCTV)

1. Download the free “ARCCTV” app from the Android Google Play Store or Apple App Store.
2. Register a new account within the app.
3. Add your device by scanning the device ID or manually entering it.
4. You can now view live video and manage settings via Wi-Fi or 3G/4G network.

5. Operating Instructions

5.1 Remote Viewing

Once the ARCCTV app is set up, you can view live feeds from your cameras from anywhere with an internet connection. Simply open the app and select the desired camera feed.

5.2 Motion Detection and Alerts

Configure motion detection zones and sensitivity settings through the NVR interface or the mobile app. When motion is detected, the system can send email alerts or app notifications to your registered device.

5.3 Video Playback and Backup

Access recorded footage stored on the 1TB hard drive via the NVR or the mobile app. The system supports synchronized playback of multiple camera feeds. You can also back up video files to external storage devices.

5.4 One-Way Audio Monitoring

The built-in microphone in each camera allows you to hear audio from the camera's location. This feature is accessible during live view and playback through the NVR or mobile app.

5.5 Pan Functionality

For cameras with 180-degree pan capability, you can remotely adjust the camera's horizontal viewing angle using the controls within the mobile app or NVR interface.

6. Maintenance

- Regularly clean camera lenses with a soft, damp cloth to ensure clear image quality.
- Ensure the NVR is placed in a well-ventilated area to prevent overheating.
- Periodically check for firmware updates for the NVR and cameras to ensure optimal performance and security.
- Back up important video footage regularly to an external device.

7. Troubleshooting

Issue	Possible Solution
No video display on monitor.	Check NVR power connection. Verify HDMI/VGA cable connection to monitor. Ensure monitor input is correctly selected.
Cameras not connecting to NVR.	Ensure cameras are powered on. Verify cameras are within wireless range of the NVR. If necessary, re-pair cameras with the NVR (refer to advanced setup in full manual).

Issue	Possible Solution
No remote access via app.	Check NVR's internet connection. Ensure the NVR is connected to your router via Ethernet. Verify app login credentials and device ID. Check firewall settings on your router.
Poor image quality.	Clean camera lens. Ensure sufficient lighting for night vision. Check camera placement for obstructions.
Hard drive not recording.	Check hard drive status in NVR settings. Ensure recording schedules are configured correctly. Format the hard drive if prompted (this will erase existing data).

8. Specifications

Feature	Detail
Brand	ANRAN
Model Number	SW-K04W6684-wifi
Connectivity Technology	Wireless
Video Capture Resolution	3MP, 2K (2304x1296 pixels)
Special Features	Day-and-night camera, Motion detection, 180° Pan
Number of Channels	8 (4 cameras included, expandable)
Memory Storage Capacity	1 TB (Pre-installed HDD)
Power Source	Corded Electric
Item Dimensions (L x W x H)	13.39 x 6.69 x 9.45 inches
Item Weight	6.25 pounds
Compatible Devices	Personal Computers, Cameras
Signal Format	IP Network
Low Light Technology	Night color
Optical Sensor Technology	CMOS
Manufacturer	Shenzhen Anran Security Technology Co., Ltd
Date First Available	March 4, 2021

9. Warranty and Support

ANRAN offers a one-year free replacement warranty for this product. For technical support or warranty claims, please contact ANRAN customer service. Lifetime well-experienced engineers and technical support are available to assist you.

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

Open the live page

https://manuals.plus/asin/B08XZ7Q19Q

More documents and user manuals: **https://manuals.plus/**