



Manuals.plus /

- › SANNCE /
- › SANNCE 8CH 4K PoE CCTV System User Manual

SANNCE NVR+4*CAM

SANNCE 8CH 4K PoE CCTV System User Manual

MODEL: NVR+4*CAM

Brand: SANNCE

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SANNCE 8CH 4K PoE CCTV System. This system is designed to provide reliable surveillance for your home or business, featuring Power over Ethernet (PoE) for simplified installation, 3MP outdoor IP cameras with audio recording, and advanced motion detection capabilities.



Figure 1.1: SANNCE 8CH 4K PoE CCTV System components, including the Network Video Recorder (NVR) and four 3MP IP cameras.

2. SYSTEM COMPONENTS

Your SANNCE 8CH 4K PoE CCTV System typically includes the following items:

- 1 x 8-Channel 4K Network Video Recorder (NVR)
- 4 x 3MP PoE IP Cameras
- Ethernet Cables for Camera Connection
- Power Adapter for NVR
- USB Mouse
- Quick Start Guide

3. SETUP GUIDE

3.1 NVR Initial Setup

1. **Connect Monitor:** Connect a monitor to the NVR's HDMI or VGA port.
2. **Connect Mouse:** Plug the included USB mouse into a USB port on the NVR.
3. **Connect Power:** Connect the NVR to a power outlet using the provided power adapter. The NVR will power on automatically.
4. **Network Connection:** Connect the NVR's LAN port to your router using an Ethernet cable for remote access and network features.

3.2 Camera Installation

The PoE (Power over Ethernet) feature simplifies camera installation by providing both power and video signal through a

single Ethernet cable.

1. **Mounting:** Choose suitable locations for your cameras, ensuring optimal viewing angles and coverage. Use the provided screws and anchors to securely mount each camera.
2. **Connect Cameras to NVR:** Connect each IP camera to one of the PoE ports on the back of the NVR using an Ethernet cable. The cameras will automatically power on and connect to the NVR.



Figure 3.1: Simplified wiring with Power over Ethernet (PoE), where a single Ethernet cable transmits both data and power to the camera from the NVR.

3.3 Initial System Configuration

Upon first boot, the NVR will guide you through an initial setup wizard. Follow the on-screen prompts to:

- Set a strong password for the administrator account.
- Configure date and time settings.
- Adjust network settings (DHCP is recommended for most users).
- Format the hard drive (if an optional HDD is installed).

4. OPERATING YOUR SYSTEM

4.1 Live View and Recording

Once cameras are connected, their live feeds will appear on the connected monitor. The system supports continuous recording, motion-triggered recording, and scheduled recording.

- **Continuous Recording:** Records 24/7.
- **Motion-Triggered Recording:** Records only when motion is detected, saving storage space.
- **Scheduled Recording:** Records during specific times of the day.



Figure 4.1: The 3MP cameras provide Super HD clarity, allowing for clear and sharp viewing of details.

4.2 Motion Detection and Alerts

Configure motion detection zones and sensitivity through the NVR's menu. When motion is detected in the specified areas, the system can:

- Trigger recording.
- Send instant push notifications to your smartphone via the Sannce Sight App.
- Send email alerts with snapshots.
- Activate an NVR buzzer alarm.



Figure 4.2: The system features sensitive motion and human detection, providing immediate alerts through the app, email, and NVR buzzer.

4.3 Audio Recording

The cameras are equipped with built-in microphones for audio recording, providing an additional layer of security and information.

Sensitive Motion/Human Detection

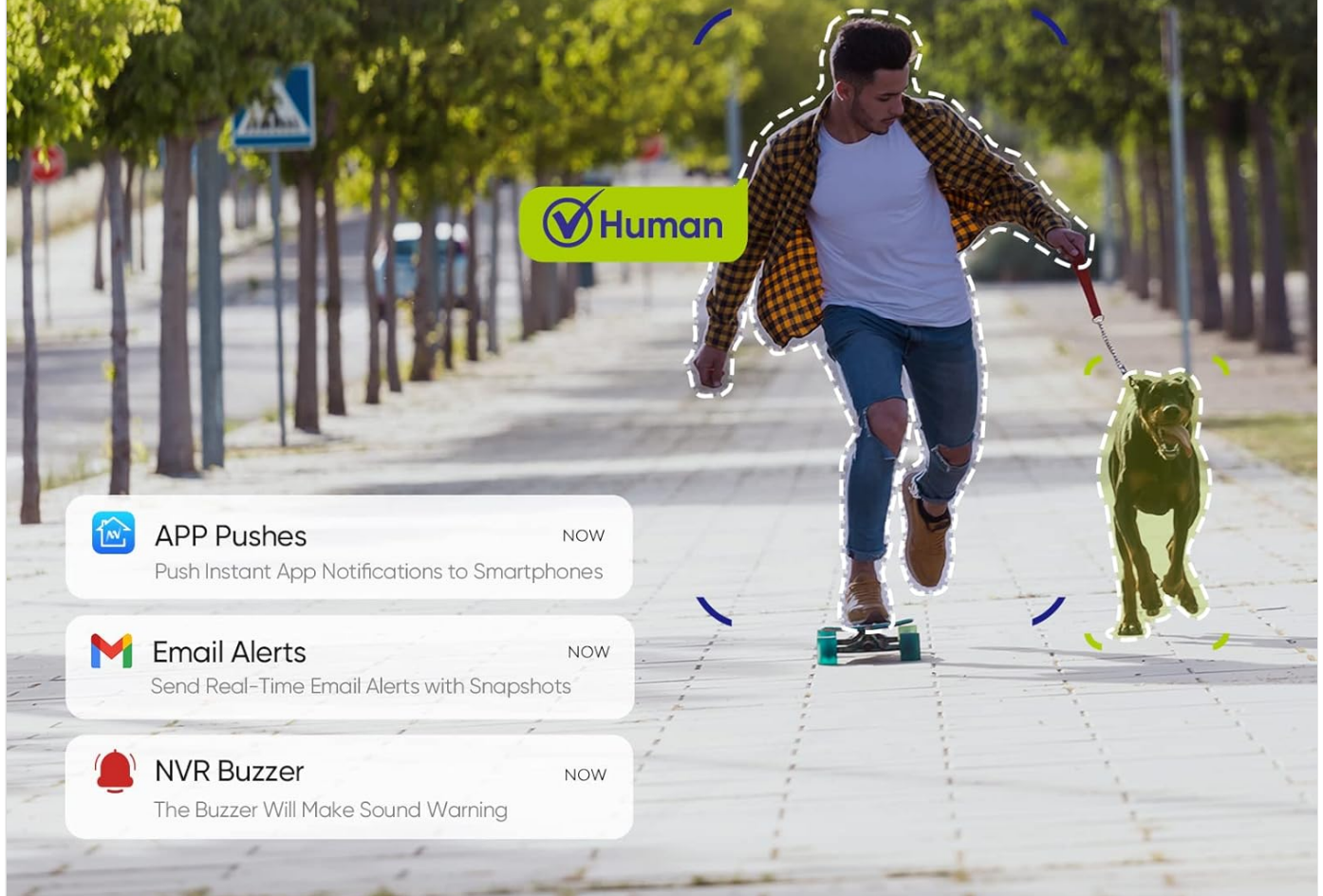


Figure 4.3: Cameras support audio recording, capturing sound along with video footage.

4.4 Remote Access (Sanncce Sight App)

Download the free Sanncce Sight App from your smartphone's app store. With the app, you can:

- View live footage from anywhere.
- Review recorded videos.
- Manage camera settings.
- Receive real-time alerts.

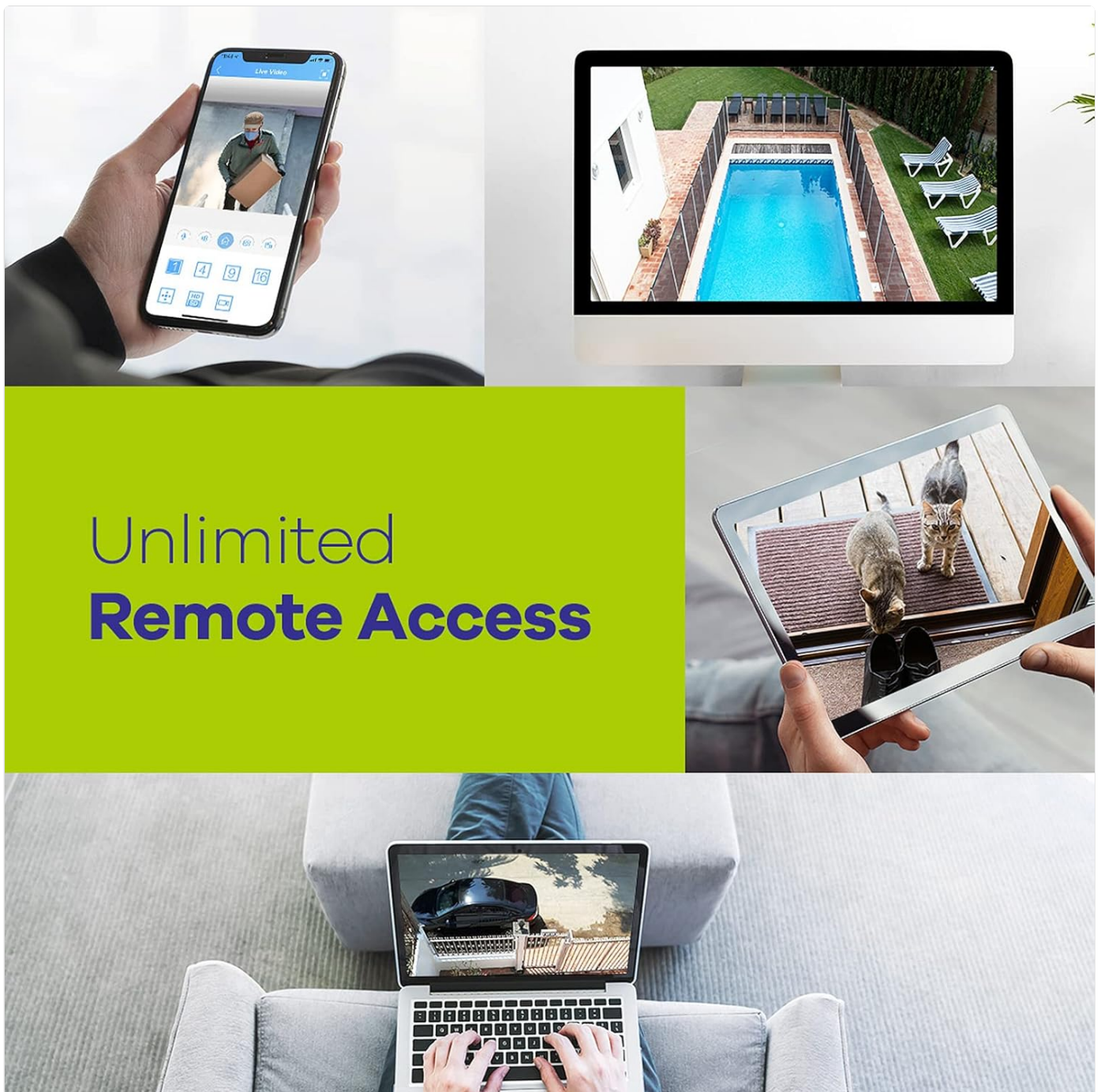


Figure 4.4: Enjoy unlimited remote access to your security system via smartphone, tablet, or computer.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your SANNCE CCTV system.

- **Camera Cleaning:** Periodically clean the camera lenses with a soft, damp cloth to remove dust and dirt that may obscure the view. Avoid abrasive cleaners.
- **Firmware Updates:** Check the SANNCE official website for any available firmware updates for your NVR and cameras. Keeping firmware updated can improve performance and add new features.
- **Cable Inspection:** Regularly inspect all cables for any signs of wear, damage, or loose connections. Ensure all connections are secure.
- **Environmental Protection:** While cameras are IP66 weatherproof, extreme conditions can still affect performance. Ensure cameras are securely mounted and protected from direct impact.



Unlimited Remote Access

Figure 5.1: The cameras feature durable metal housing and IP66 weatherproof rating, designed to withstand various weather conditions from -4°F (-20°C) to 140°F (60°C).

6. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, please contact SANNCE support.

| Problem | Possible Cause | Solution |
|-------------------------------|--|--|
| No video display on monitor | Loose cable connection; NVR not powered on; Incorrect monitor input. | Check HDMI/VGA cable connections; Ensure NVR power adapter is plugged in; Select correct input source on monitor. |
| Camera not showing image | Loose PoE cable; Camera not powered; Faulty camera/port. | Ensure PoE cable is securely connected to both camera and NVR port; Try connecting camera to a different NVR port; Restart NVR. |
| Cannot access system remotely | NVR not connected to internet; App configuration error; Network firewall. | Verify NVR's network connection; Re-add device to Sanncce Sight App; Check router settings for port forwarding if necessary. |
| No recording | No HDD installed (for variants with HDD); HDD not formatted; Recording schedule not set. | Ensure an HDD is installed (if applicable to your model); Format HDD via NVR menu; Configure recording schedule or motion detection. |

7. SPECIFICATIONS

| Feature | Detail |
|---------------------------|--|
| Brand | SANNCE |
| Connectivity Technology | Wired |
| Video Capture Resolution | 3840 x 2160 (4K NVR support) |
| Number of Channels | 8 |
| Memory Storage Capacity | 1 TB (for specific variants, base model is NO HDD) |
| Color | NVR+4*CAM |
| Item dimensions L x W x H | 12.6 x 10.6 x 7 inches |
| Compatible Devices | Cameras |
| Signal Format | Digital |
| Other camera features | Front |
| Low light technology | Night color |
| Night Vision Range | 100 Feet |
| Frame Rate | 15/30/60 FPS |
| Recording Mode | 4K video, audio |
| Optical Sensor Technology | CMOS |
| Hardware Interface | Ethernet |
| Lens Type | Fixed |
| Video Input | RJ45 |
| Manufacturer | SANNCE |
| Product Dimensions | 12.6 x 10.6 x 7 inches |
| Item Weight | 8.07 pounds |
| Date First Available | December 9, 2020 |

8. WARRANTY AND SUPPORT

8.1 Warranty Information

SANNCE products typically come with a limited warranty. Please refer to the warranty card included with your product or visit the official SANNCE website for detailed warranty terms and conditions specific to your region and purchase date.

8.2 Technical Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your SANNCE 8CH 4K PoE CCTV System, please contact SANNCE customer support. Support contact information can usually be found on the official SANNCE website or within your product packaging.

