SANNCE SU-DH81NK000/V1#NUS

SANNCE 5MP 8 Channel Security Camera DVR User Manual

Model: SU-DH81NK000/V1#NUS
Brand: SANNCE

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your SANNCE 5MP 8 Channel Security Camera DVR. This H.264+ Hybrid 5-in-1 Surveillance DVR Recorder is designed to support various camera types, including 2MP TVI, AHD, CVI, CVBS Analog, and IP Security Cameras, offering robust remote access and motion alert capabilities.



Image: Front view of the SANNCE 5MP 8 Channel Security Camera DVR.



Image: Diagram illustrating the SANNCE DVR's powerful 5-in-1 compatibility with various camera types.

Key Features:

- **5MP-N Super HD Recordings:** Supports up to 5MP streaming for detailed video capture, offering 2.4X clearer resolution than 1080p systems.
- **H.264+ Video Format:** Efficient video compression for extended recording times and smooth live streaming with reduced network consumption.
- **AI Human & Facial Recognition:** Advanced motion detection that identifies human presence and captures facial details, triggering instant app pushes and email alerts.
- **Powerful 5-in-1 DVR Compatibility:** Works seamlessly with AHD, CVI, TVI, CVBS, and IP camera types for versatile surveillance.
- **Unlimited Remote Control:** Access live streaming and video playback remotely via free applications on smartphones, tablets, or computers.

Setup Guide

Follow these steps for the initial setup of your SANNCE DVR system.

1. Unpacking and Inspection

Carefully unpack all components and verify that all items listed in the product packaging are present and undamaged. The standard package includes the DVR unit (without HDD), power adapter, USB mouse, and a quick start guide.

2. Hard Drive Installation (If Applicable)

If your DVR did not come with a pre-installed hard drive, you will need to install one for video recording. Refer to the internal diagram or quick start guide for specific steps on opening the DVR casing and connecting the SATA power and data cables to the hard drive. Secure the hard drive within the DVR chassis using the provided screws.

3. Connecting Cameras

Connect your security cameras to the DVR's video input ports. The DVR supports various analog (TVI, AHD, CVI, CVBS) and IP cameras. For analog cameras, use BNC cables. For IP cameras, connect them to your network, and the DVR will discover them.

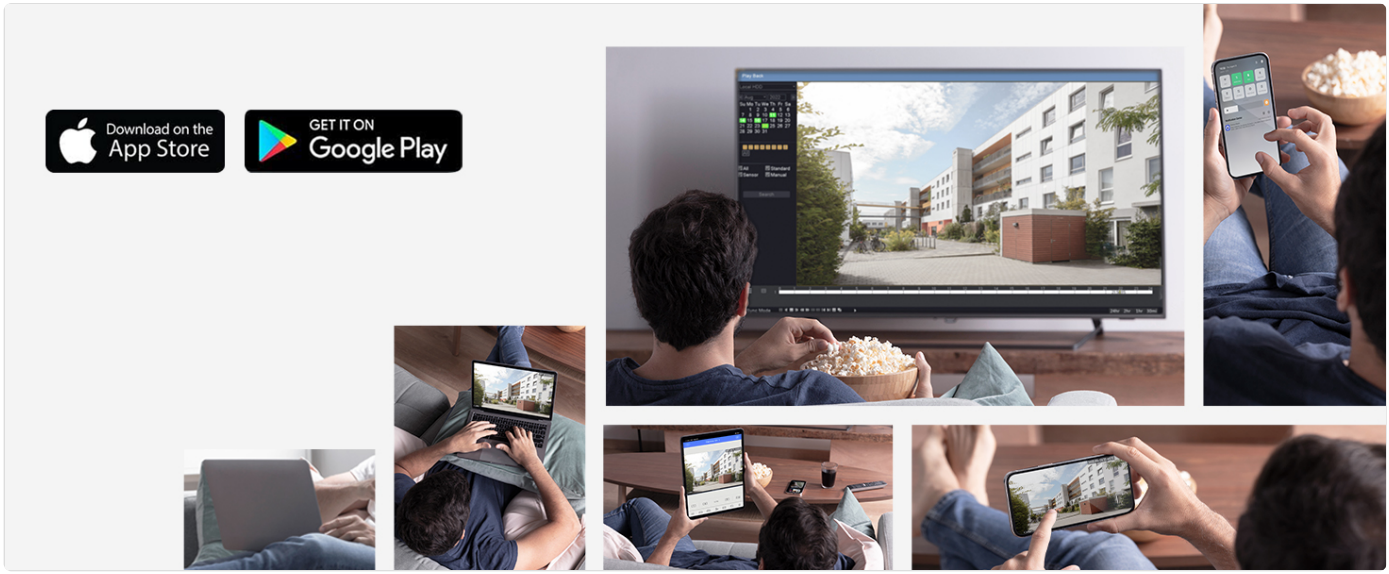


Image: Diagram illustrating easy DIY connection of a camera to the DVR using a BNC cable.

4. Connecting to a Display

Connect the DVR to a monitor or TV using either the HDMI or VGA port. An HDMI cable is recommended for optimal video quality.

5. Network Connection

For remote access and online features, connect the DVR to your router using an Ethernet cable via the LAN port.



Image: Rear panel of the SANNCE DVR, highlighting video input, audio, HDMI, VGA, Ethernet, and USB ports for connection.

6. Powering On

Connect the power adapter to the DVR's DC 12V input and then plug it into a power outlet. The DVR will power on automatically.

Operating Instructions

1. Initial Configuration

Upon first boot, the DVR will guide you through an initial setup wizard. This includes setting up a password, date/time, network settings, and hard drive formatting (if a new HDD is installed).

2. Live View

Once configured, the DVR will display the live feed from connected cameras on the connected monitor. You can switch

between single-camera view and multi-camera grid view using the on-screen interface and the USB mouse.



Image: Visual comparison demonstrating the clarity difference between 1080p and 5MP security camera footage.

3. Recording and Playback

The DVR automatically records footage to the installed hard drive. The H.264+ video compression ensures efficient storage usage. To play back recorded videos, access the playback menu from the main interface. You can search by date, time, and event type.

4. Motion Detection and Alerts

Configure motion detection zones and sensitivity settings in the DVR menu. The AI Human & Facial Recognition feature helps reduce false alarms by specifically identifying human activity. When motion is detected, the system can trigger instant app pushes and email alerts with snapshots.

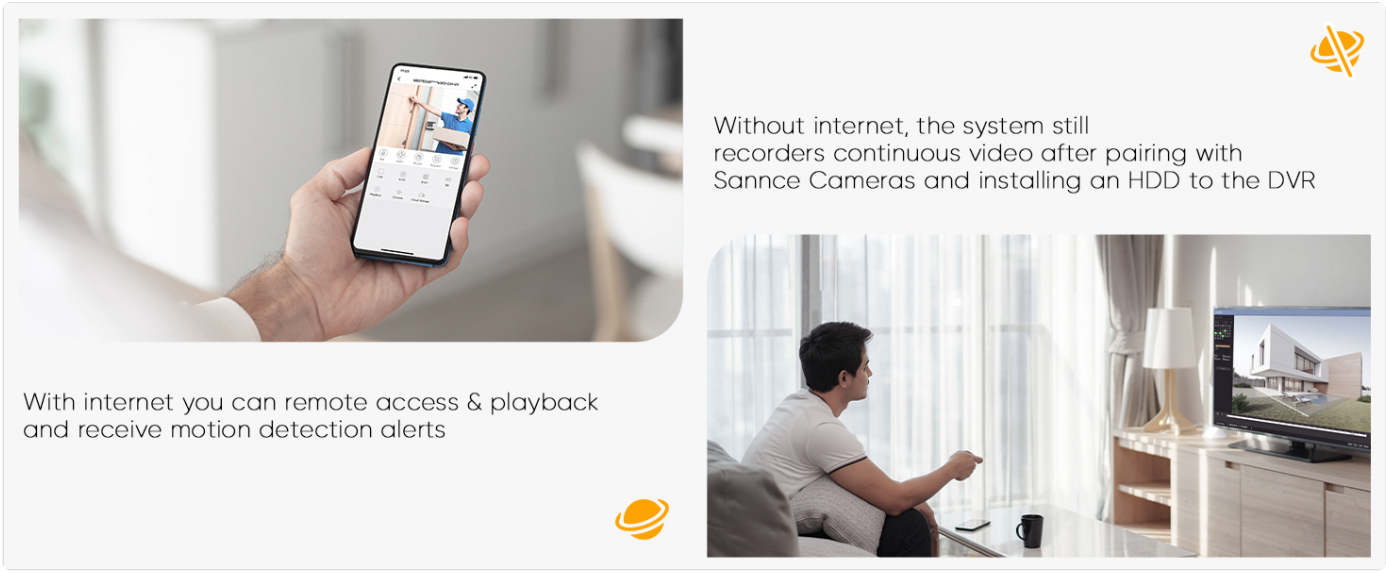


Image: Illustration of a motion detection zone, demonstrating how the system can filter out irrelevant triggers like bugs, leaves, and shadows.

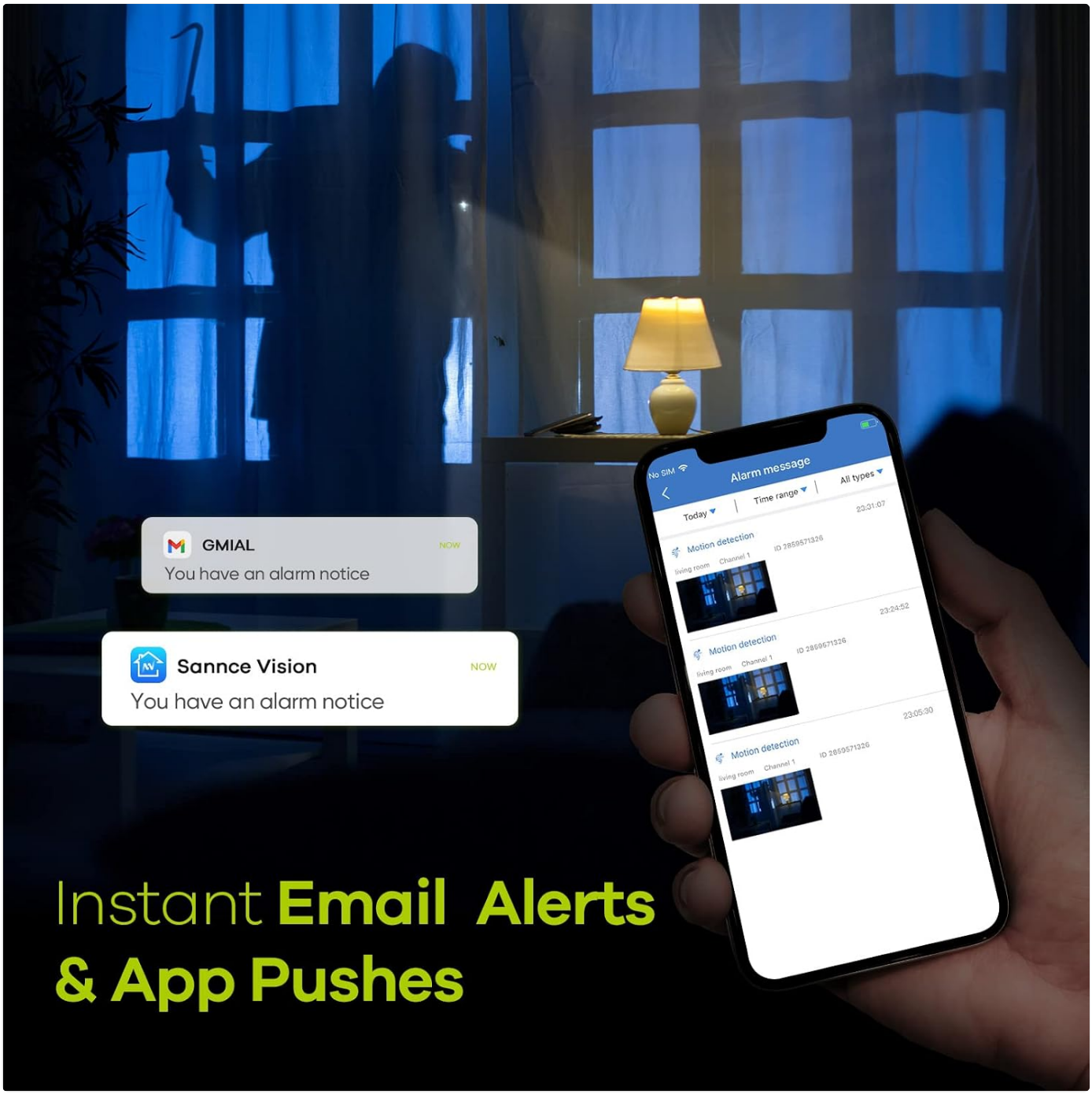


Image: A smartphone displaying instant email and app push notifications, indicating security alerts from the system.

5. Remote Access

Download the official SANNCE application (available on App Store and Google Play) or client software for your smartphone, tablet, or computer. Follow the in-app instructions to add your DVR using its unique ID or QR code. This enables live viewing, playback, and alert reception from anywhere with an internet connection.



Image: A collage depicting various users accessing security camera footage remotely on different devices, including laptops, smartphones, and tablets.



Image: A family viewing their security camera feed on a large television and a smartphone, illustrating the ease of remote access.

Multiple Browsers Viewing

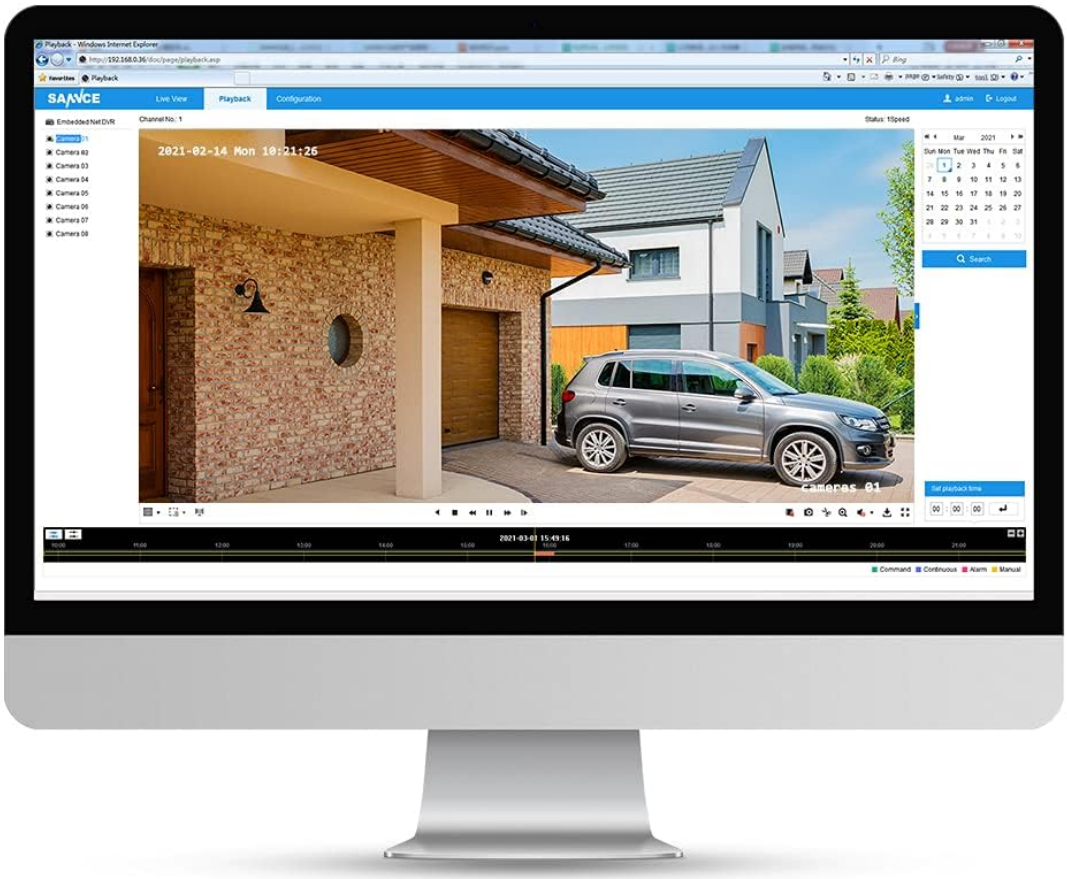


Image: A computer screen showing security camera footage accessible via a web browser, demonstrating the system's compatibility with multiple browsers for viewing.

Maintenance

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

- **Cleaning:** Periodically clean the DVR unit and cameras with a soft, dry cloth. Avoid using liquid cleaners or aerosols directly on the devices.
- **Firmware Updates:** Check the official SANNCE website for any available firmware updates. Keeping your DVR's firmware up-to-date can improve performance, add new features, and enhance security. Follow the provided instructions carefully during updates.
- **Hard Drive Management:** Ensure the hard drive is functioning correctly. The DVR is configured to overwrite older footage automatically when the disk is full. Regularly back up important recordings if needed.
- **Environmental Conditions:** Ensure the DVR is placed in a well-ventilated area, away from direct sunlight, heat sources, and excessive moisture.

Troubleshooting

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

No Video Output on Monitor:

- Check if the DVR is powered on and the power indicator light is active.
- Verify that the HDMI or VGA cable is securely connected to both the DVR and the monitor.
- Ensure the monitor is set to the correct input source (HDMI/VGA).

Cameras Not Displaying:

- Confirm that cameras are properly powered and their cables are securely connected to the DVR's video input ports.
- For IP cameras, ensure they are on the same network as the DVR and have valid IP addresses.
- Check camera compatibility with the DVR's 5-in-1 hybrid support.

Remote Access Not Working:

- Ensure the DVR is connected to the internet via the Ethernet port and has a stable network connection.
- Verify that the SANNCE app/client is installed correctly on your device and that the DVR is added using the correct ID/QR code.
- Check your router's firewall settings; port forwarding might be required for certain network configurations (consult your router's manual or ISP).
- Ensure the DVR's network settings (IP address, DNS) are correctly configured.

No Recording or Hard Drive Error:

- If a hard drive is installed, check its connections (SATA power and data).
- Access the DVR's menu to check the hard drive status. It may need to be formatted (this will erase all data).
- Ensure the hard drive is compatible and not faulty.

Specifications

Feature	Detail
Model Number	SU-DH81NK000/V1#NUS
Video Input	8 Channels (Hybrid 5-in-1: TVI, AHD, CVI, CVBS, IP)
Video Resolution	Up to 5MP-N
Video Compression	H.264+
Video Output	HDMI, VGA
Audio Input/Output	Yes (specific number of channels not detailed in input, assuming standard)
Network Interface	Ethernet (RJ45)
USB Ports	Yes (for mouse, backup)
Hard Disk Support	Up to 6 TB (1 SATA HDD)
Power Supply	DC 12V

Feature	Detail

Dimensions	13.46 x 10.12 x 3.31 inches
Weight	2.42 pounds

Warranty and Support

SANNCE is committed to providing reliable security solutions and customer satisfaction.

- **Technical Support:** SANNCE offers lifetime technical support for its products. If you encounter any issues or have questions, please reach out to the SANNCE support team.
- **Warranty Information:** For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official SANNCE website.
- **Contact Information:** Visit the official SANNCE website for the most up-to-date contact information for customer service and technical support.

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