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› [SANSCO 8CH 2K Home Security Camera System User Manual](#)

SANSCO 8508+8x8699(3TB)+CA03

SANSCO 8CH 2K Home Security Camera System User Manual

Model: 8508+8x8699(3TB)+CA03

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SANSCO 8-channel 2K Home Security Camera System. This system is designed to provide comprehensive surveillance for your home or business, featuring 2MP HD cameras, an 8-channel DVR with a pre-installed 3TB hard drive, and remote access capabilities. Please read this manual thoroughly before setup and use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1x DVR (Digital Video Recorder) with 3TB Hard Disk Drive preinstalled
- 8x HD Cameras (2MP)
- 8x 18.3m (60ft) Coaxial Cables for cameras
- 8x Screw sets for camera mounting
- 3x Power adapters
- 2x 4-way power splitters
- 1x 1M Ethernet cable
- 1x USB Mouse
- 1x Quick Setup Guide

PACKAGE INCLUDES

THE COMPLETE DIY SECURITY SYSTEM



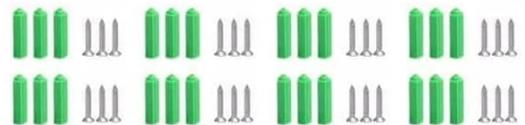
1x DVR (Hard disk preinstalled)



8x HD Cameras



8x 18.3m coaxial cables for cameras



8x Screw sets for cameras



3x Power adapters

2x 4-way splitter



1x 1M Ethernet cable

1x Mouse



Quick Setup
Guide

1x Manual

Figure 2.1: Complete package contents for the SANSCO security system.

3. SETUP

3.1 Connecting Your System

Follow these steps to connect the main components of your security system:

1. **Connect Cameras:** Attach each camera to the DVR using the provided coaxial cables. Connect the BNC connector from the camera cable to the 'VIDEO IN' ports (V1-V8) on the back of the DVR.
2. **Power Cameras:** Use the 4-way power splitters and power adapters to supply power to the cameras. Connect the power cables from the cameras to the splitter, and then connect the splitter to a power adapter, which plugs into a wall outlet.
3. **Connect Monitor/TV:** Connect the DVR to a monitor or TV using either an HDMI cable (for HD display) or a VGA cable. Ensure your display device supports at least 1080p resolution for optimal viewing.
4. **Connect Mouse:** Plug the USB mouse into one of the USB ports on the DVR for navigation.
5. **Connect to Network (Optional):** For remote access features, connect the DVR to your router using the provided Ethernet cable.

6. **Power DVR:** Connect the DVR's power adapter to the DVR and then to a wall outlet.

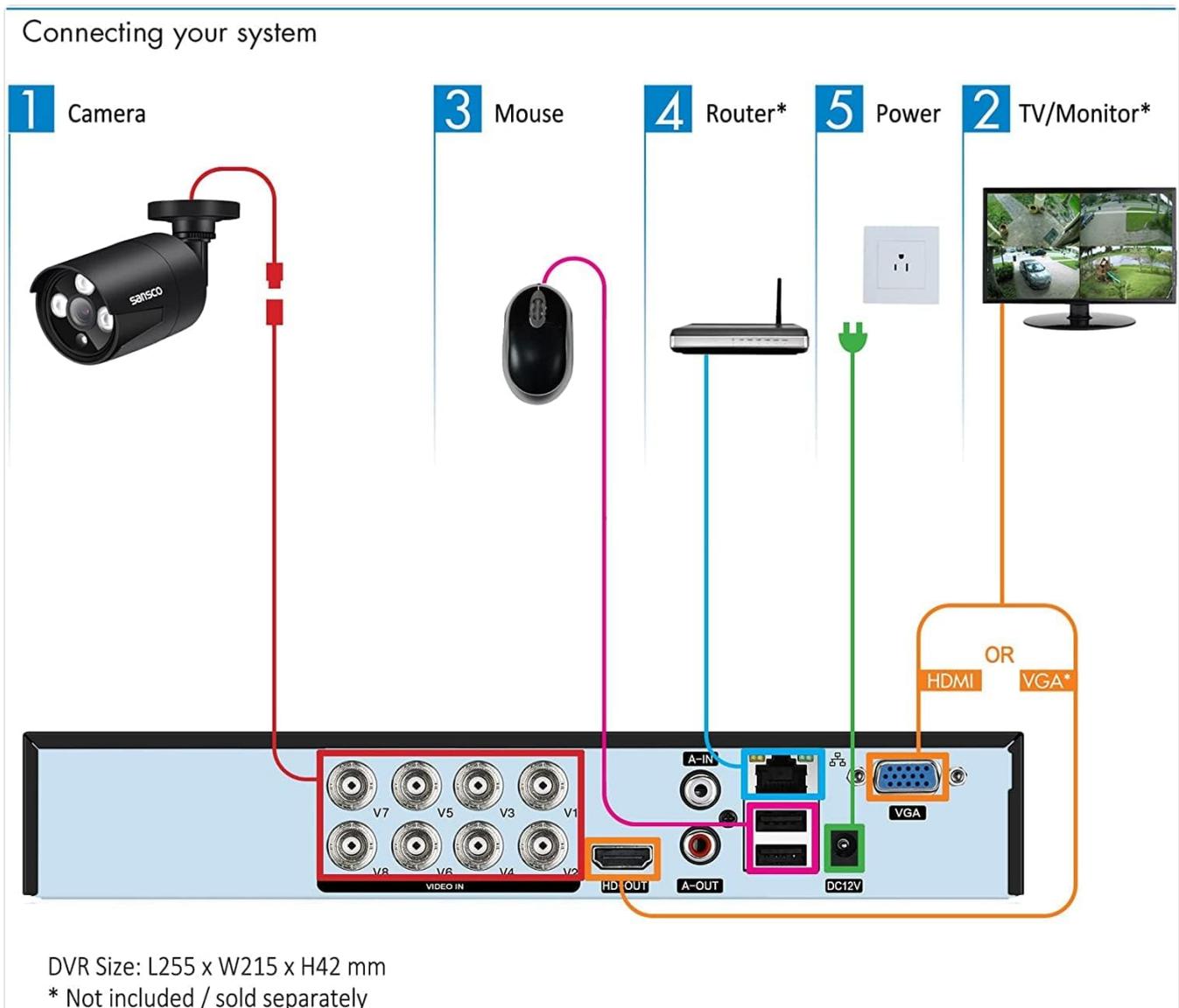


Figure 3.1: Connection diagram for the SANSICO security system components.

3.2 Initial Power-On and Configuration

After connecting all components, power on the DVR. The system will boot up and display the live view from your cameras on the connected monitor. Follow the on-screen prompts for initial setup, which may include setting the date/time, creating a password, and configuring network settings.

4. OPERATING INSTRUCTIONS

4.1 Live View and Recording

Once the system is powered on, you will see the live video feeds from all connected cameras on your monitor. The DVR is pre-configured for 24/7 continuous recording to the 3TB hard drive. You can switch between single-camera view, multi-camera grid view, and other display modes using the DVR's interface and mouse.



Figure 4.1: Live view display of multiple camera feeds on a monitor.

4.2 Remote Access (Mobile App/PC Client)

To access your security system remotely via smartphone, tablet, or computer, ensure the DVR is connected to your network. Download the official mobile application (TSEye or XVRView) from your device's app store or the PC client software from the SANSKO website. Follow the in-app instructions to add your DVR using its unique ID or QR code. This allows you to view live feeds, playback recordings, and receive alerts from anywhere with an internet connection.

MULTIPLE ACCESS

Monitor | PC | Tablet | Phone

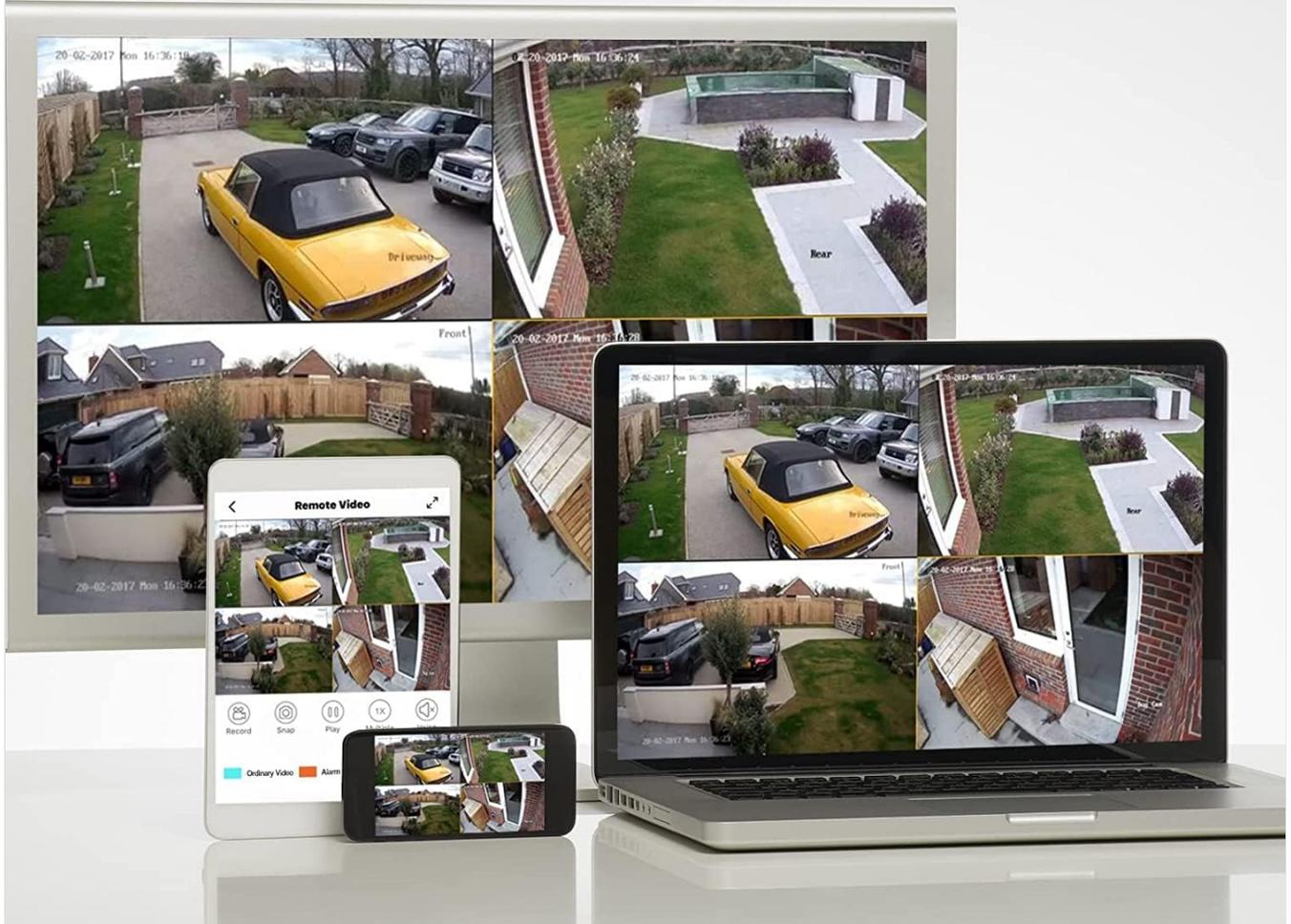


Figure 4.2: Remote monitoring of camera feeds on various devices.

4.3 Motion Detection and Alerts

The system supports smart motion detection. You can configure specific areas within each camera's view to trigger alerts. When motion is detected, the system can send instant push notifications to your smartphone or tablet, and/or email alerts. This feature helps you stay informed of any activity on your property. Adjust sensitivity and define detection zones to minimize false alarms.

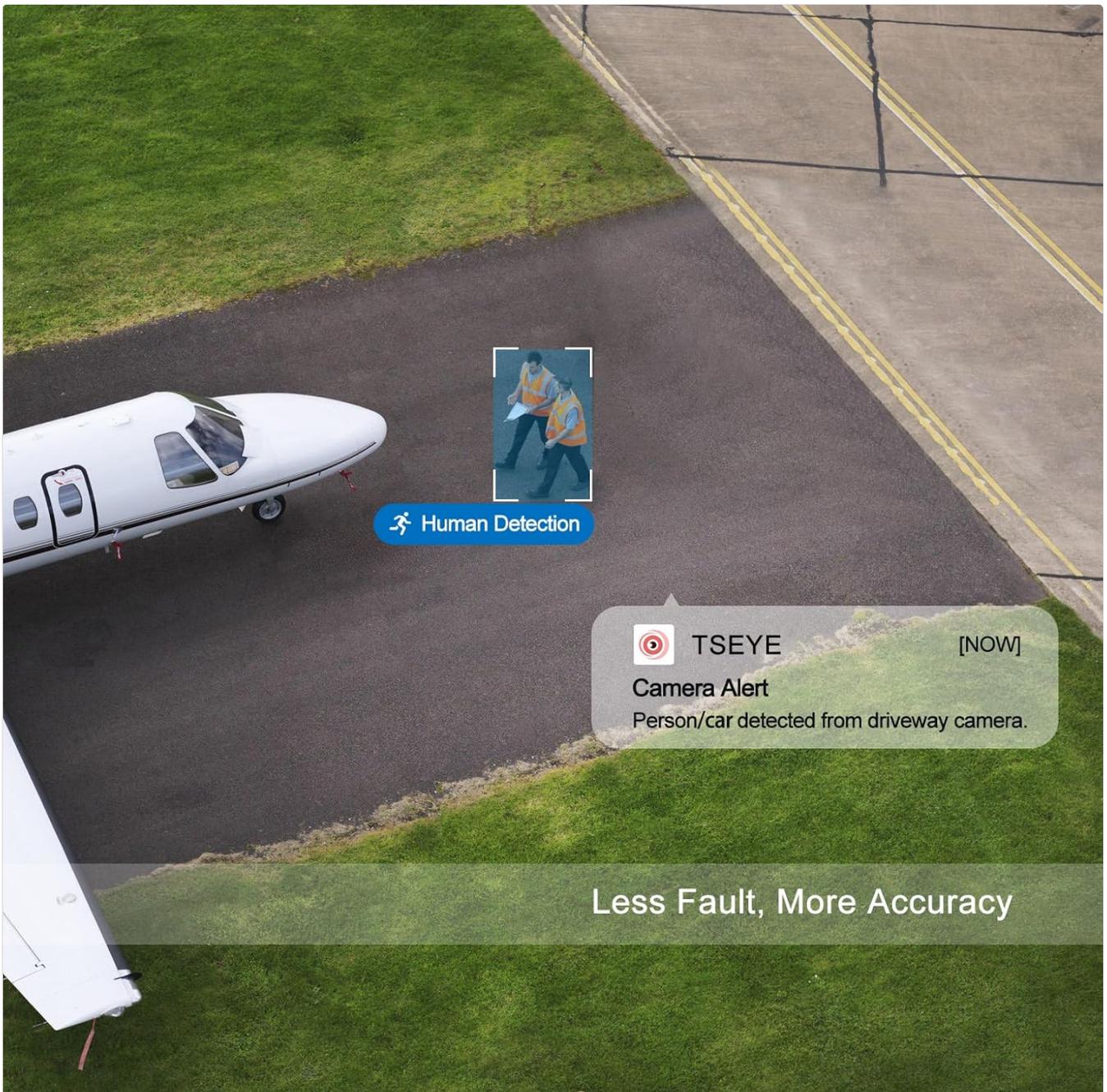


Figure 4.3: Example of a human detection alert notification.

4.4 Playback and Backup

To review recorded footage, navigate to the playback menu on the DVR interface or through the remote access app. You can search for recordings by date, time, or event (e.g., motion detection). The 3TB hard drive provides approximately 2 weeks of continuous recording for all 8 cameras in FHD 1080p before overwriting the oldest footage. For long-term storage, you can back up important video clips to a USB drive connected to the DVR.



Figure 4.4: Comparison of daytime and nighttime video quality.

5. MAINTENANCE

5.1 Hard Drive Management

The pre-installed 3TB hard drive is designed for 24/7 security recording. It automatically overwrites the oldest footage once full, ensuring continuous recording. Regularly check the hard drive status through the DVR's system settings to ensure it is functioning correctly.

5.2 Camera Care

The outdoor cameras are weatherproof. Periodically clean the camera lenses with a soft, damp cloth to remove dust, dirt, or water spots that may obstruct the view. Ensure that the camera mounts are secure and that cables are not damaged. For

outdoor installations, it is recommended to seal the cable connections (BNC and power) with waterproof tape or sealant to prevent moisture ingress, as these connections are not inherently waterproof.



Figure 5.1: Weatherproof camera design.

6. TROUBLESHOOTING

If you encounter issues with your security system, refer to the following common problems and solutions:

- **No Video Signal on Monitor:**

Ensure the HDMI or VGA cable is securely connected between the DVR and the monitor. Verify that the monitor is powered on and set to the correct input source. Check if the DVR is powered on. Ensure your monitor has a resolution of at least 1080p; lower resolutions may not display the DVR interface correctly.

- **Cameras Not Displaying Video:**

Check that each camera is properly connected to the DVR's 'VIDEO IN' port. Verify that all cameras are receiving power via the power adapters and splitters. Inspect coaxial cables for any damage or loose connections.

- **No Audio Recording/Playback:**

The cameras in this system do not have built-in microphones or speakers. To enable audio, external microphones must

be connected to the DVR's 'AUDIO IN' ports and an external speaker to the 'AUDIO OUT' port (Mic & Speaker are not provided).

- **Remote Access Not Working:**

Confirm that the DVR is connected to your router via the Ethernet cable and has a stable internet connection. Check your router's settings to ensure the DVR is assigned an IP address. Verify that the mobile app or PC client is correctly configured with the DVR's ID and network settings.

- **Frequent False Motion Alerts:**

Adjust the motion detection sensitivity settings for each camera through the DVR interface. Utilize the motion detection