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SANNCE 4335043592

SANNCE 8CH Full 1080P Security Camera System User Manual

Model: 4335043592

Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your SANNCE 8CH Full 1080P Security Camera System. This system is designed to provide reliable surveillance with high-definition video capture, advanced night vision, and robust weather resistance, ensuring peace of mind for your property.
Please read this manual thoroughly before setting up and using the system to ensure proper functionality and to maximize the benefits of your security solution. Keep this manual for future reference.

Package Contents

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

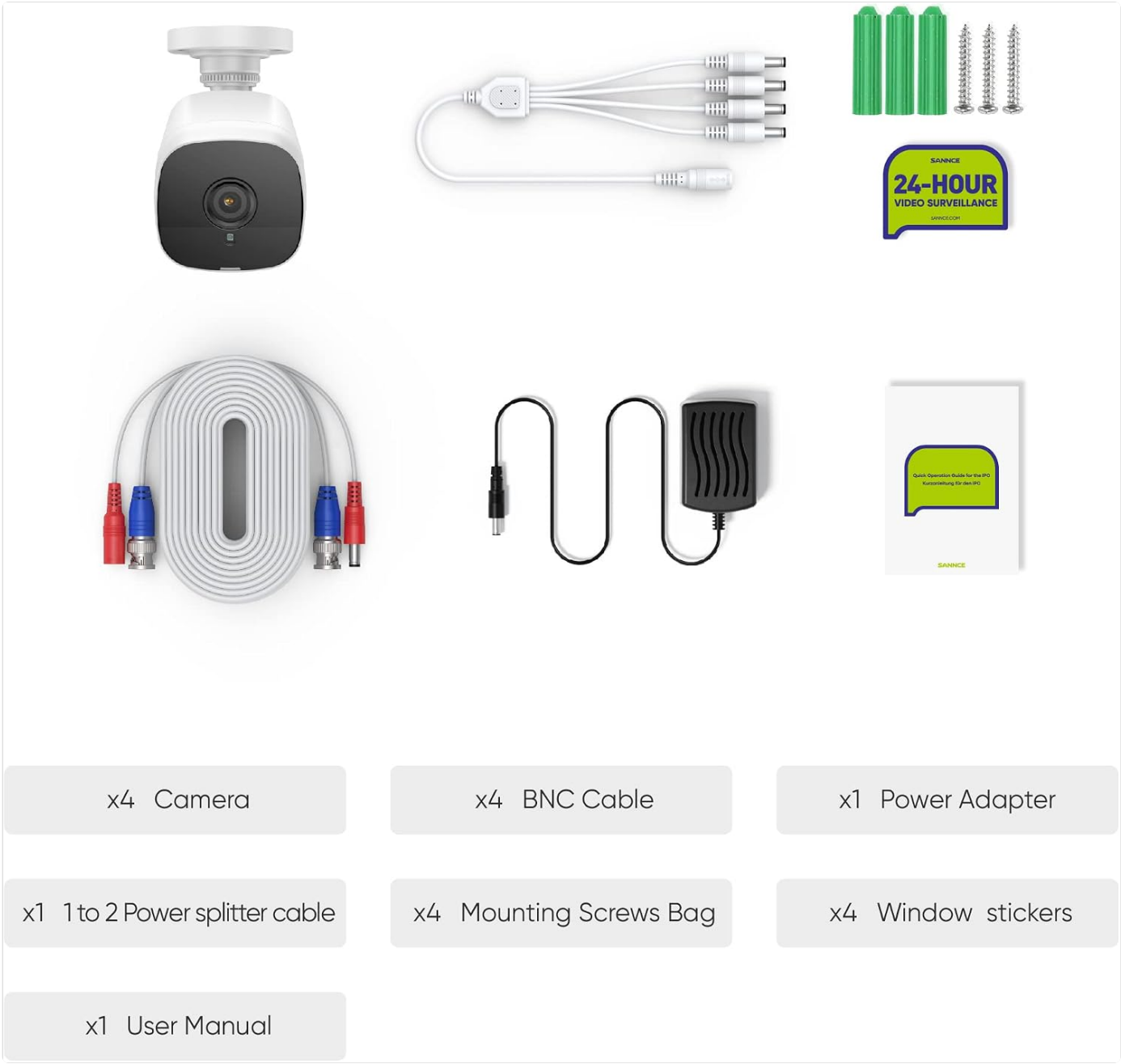


Image: Contents of the SANNCE security camera system package, including cameras, cables, power adapter, and user manual.

- 4 x SANNCE 1080P Security Cameras
- 4 x BNC Video Cables
- 1 x Power Adapter for Cameras
- 1 x 1 to 2 Power Splitter Cable
- 4 x Mounting Screws Bags (with wall plugs)
- 4 x Window Stickers (Surveillance Warning)
- 1 x User Manual (this document)
- (Note: DVR unit sold separately or included in specific kits)

Product Overview and Features

The SANNCE 1080P Security Camera System offers advanced features for comprehensive surveillance.

Camera Components



Image: Diagram illustrating the components of a SANNCE security camera, including 12 IR LEDs, 3.6mm HD lens, IR-CUT filter, IP66 waterproof housing, 3-axis mounting bracket, video output, and power port.

- **12 IR LEDs:** For enhanced night vision capabilities.
- **3.6 mm HD Lens:** Provides a wide viewing angle for comprehensive coverage.
- **IR-CUT Filter:** Automatically switches between day and night modes for optimal image quality.
- **IP66 Waterproof Housing:** Ensures durability and performance in various weather conditions.
- **3-Axis Mounting Bracket:** Allows flexible positioning and angle adjustment.
- **Video Output:** BNC connector for video signal transmission.
- **Power Port:** For connecting the power adapter.

Key Features

1080p Full HD Video Quality

The cameras capture clear and detailed video footage in 1080p Full HD resolution, providing sharp images for effective surveillance. The sensor-based Wide Dynamic Range (WDR) technology helps balance lighting in scenes with high contrast, ensuring objects are visible even in challenging light conditions.

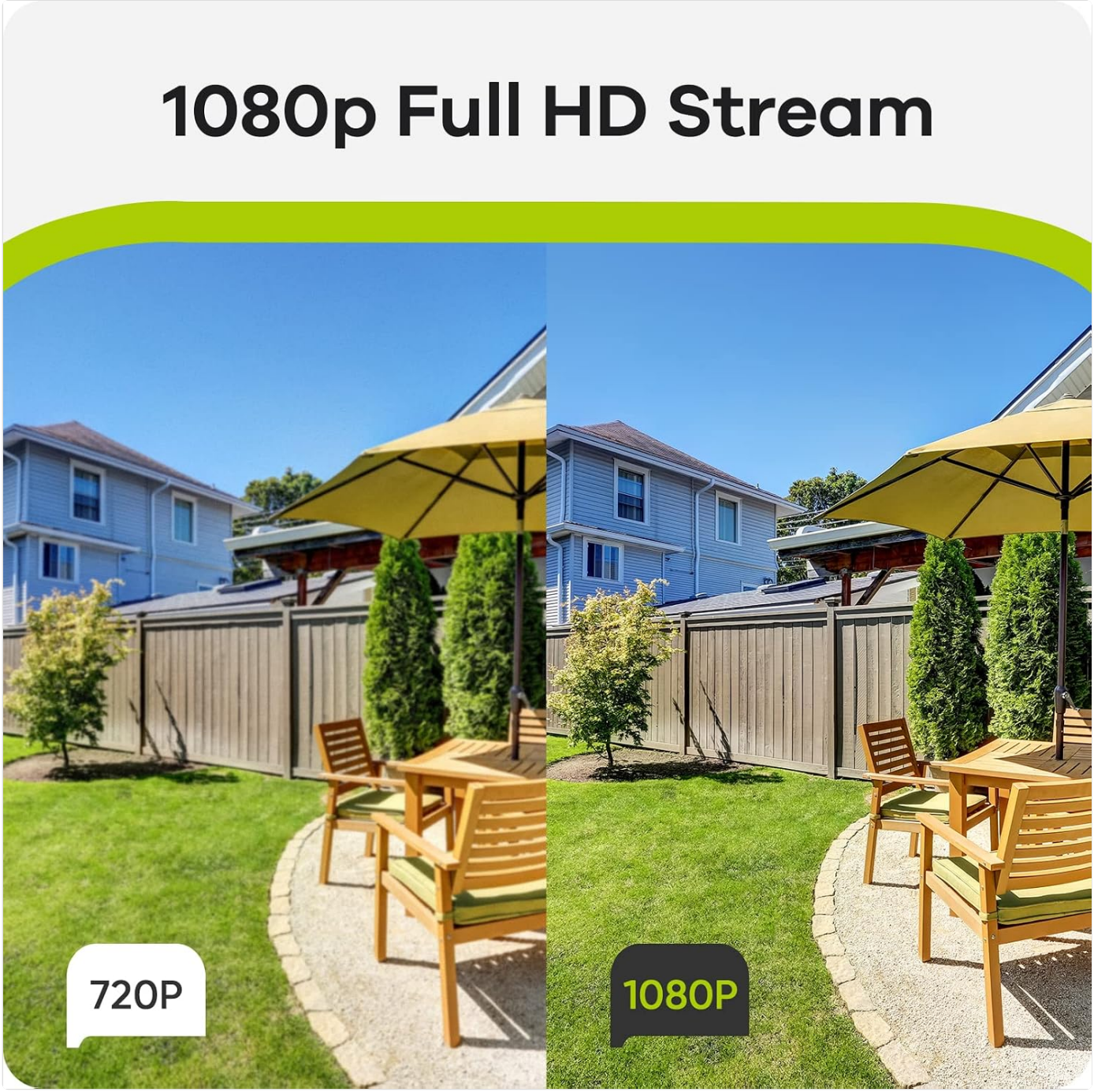


Image: Comparison showing the difference in clarity between 720p and 1080p video resolution, highlighting the superior detail of 1080p.

Crystal Clear Night Vision (Up to 100 ft)

Equipped with 12 built-in IR LEDs, these cameras provide excellent night vision capabilities, capturing clear images up to 100 feet (30 meters) in complete darkness. Digital Noise Reduction (DNR) technology further enhances image clarity by removing visual noise in low-light environments.



Image: Illustration demonstrating the camera's night vision range, showing a house at night with a camera providing clear visibility up to 100 feet.

Digital WDR & DNR Technology

The cameras incorporate Digital Wide Dynamic Range (D-WDR) to correct for extreme lighting conditions, ensuring balanced exposure across the entire image. Digital Noise Reduction (DNR) reduces graininess and noise, especially in low-light, for a cleaner and sharper video feed.



Image: Side-by-side comparison showing the effect of WDR (Wide Dynamic Range) and DNR (Digital Noise Reduction) on video quality. WDR improves visibility in high-contrast lighting, and DNR reduces image noise.

IP66 Weatherproof Rating

Designed for both indoor and outdoor use, the cameras feature an IP66 weatherproof housing. This rating ensures protection against dust, water jets, and harsh weather conditions, allowing the cameras to operate reliably in temperatures ranging from -40°F to 140°F (-40°C to 60°C).



Image: A SANNCE camera mounted outdoors, with icons indicating its IP66 weatherproof rating and ability to withstand temperatures from -4°F (-20°C) to 140°F (60°C).

Wide-Angle Lens

The 3.6mm lens provides a wide viewing angle of 90 degrees, ideal for covering large areas such as driveways, yards, or commercial spaces, minimizing blind spots.



Image: Comparison of a standard lens view versus a SANNCE wide-angle lens view, demonstrating the broader coverage provided by the wide-angle lens for a residential area.

Setup Guide

This section outlines the general steps for setting up your SANNCE security camera system. For detailed DVR setup, please refer to your DVR's specific manual.

1. Planning Your Installation

1. **Choose Camera Locations:** Identify strategic locations that provide optimal coverage and minimize blind spots. Consider areas like entry points, driveways, and vulnerable windows.
2. **Check Cable Lengths:** Ensure the included BNC cables are long enough to reach your DVR from your chosen camera locations.
3. **Power Access:** Verify that power outlets are accessible for the camera power adapter.

2. Mounting the Cameras

1. **Mark Drilling Points:** Use the camera's mounting base to mark the positions for drilling holes on the wall or ceiling.
2. **Drill Holes:** Drill pilot holes and insert the provided wall plugs if mounting on masonry or drywall.
3. **Secure Camera:** Attach the camera's mounting base to the surface using the supplied screws.
4. **Adjust Angle:** Loosen the adjustment screws on the 3-axis bracket to position the camera for the desired viewing angle, then tighten securely.

3. Connecting the System

1. **Connect Video Cables:** Connect one end of the BNC video cable to the BNC output port on the camera and the other end to an available video input port on your DVR.
2. **Connect Power:**
    a. Connect each camera's power input to one of the outputs on the 1 to 2 power splitter cable.
    b. Connect the power splitter cable to the camera power adapter.
    c. Plug the power adapter into a standard electrical outlet.
3. **Connect DVR (if applicable):** Ensure your DVR is connected to a monitor via HDMI or VGA, and to your network via an Ethernet cable for remote access features.
4. **Power On:** Once all connections are secure, power on your DVR and the camera system.

Operating Instructions

This section provides general guidance on operating your SANNCE security camera system. Refer to your DVR's specific manual for detailed software operation.

Live View and Recording

- **Local Viewing:** Once connected to a DVR and monitor, you should see the live video feed from your cameras. Use the DVR's interface to switch between single-camera views or multi-camera grids.
- **Recording:** Configure recording settings (continuous, motion-triggered, scheduled) through your DVR's menu. Ensure a hard drive is installed and properly formatted in your DVR for recording.

Night Vision Operation

The cameras automatically switch to night vision mode in low-light conditions. The IR LEDs will illuminate, and the video feed will appear in black and white for optimal clarity in darkness.

Remote Access

For remote viewing on smartphones or computers, ensure your DVR is connected to the internet. Download the official SANNCE app (available on iOS/Android app stores) and follow the in-app instructions to add your DVR using the QR code scan feature or device ID.

- **QR Code Scan:** Most SANNCE DVRs have a QR code for easy setup with the mobile app.
- **Account Setup:** Create an account within the app to manage your devices.
- **Live View & Playback:** Access live feeds and recorded footage remotely from anywhere with an internet connection.

Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your security system.

- **Lens Cleaning:** Periodically clean the camera lenses with a soft, lint-free cloth. For stubborn dirt, use a mild lens cleaning solution. Avoid abrasive materials that could scratch the lens.

- **Housing Cleaning:** Wipe down the camera housing with a damp cloth to remove dust and dirt.
- **Cable Inspection:** Regularly inspect all cables for any signs of wear, damage, or loose connections. Secure or replace damaged cables promptly.
- **Software Updates:** Check the SANNCE official website or your DVR's settings for available firmware updates. Keeping your system updated ensures optimal performance and security.
- **Hard Drive Health:** If your DVR has a hard drive, monitor its health through the DVR's system settings. Back up important footage regularly.

Troubleshooting

Here are some common issues and their potential solutions.

Problem	Possible Cause	Solution
No video signal on monitor	Loose cable connection, camera not powered, incorrect video input selected on DVR/monitor.	Check all BNC and power connections. Ensure camera power adapter is plugged in. Verify correct input channel on DVR/monitor.
Poor image quality (blurry, grainy)	Dirty lens, insufficient lighting, camera out of focus (rare for fixed lens), interference.	Clean the camera lens. Ensure adequate lighting or check night vision functionality. Minimize electrical interference.
Night vision not working	IR LEDs not activating, insufficient power.	Check power supply to the camera. Ensure there are no obstructions blocking the IR LEDs. Test in complete darkness.
Remote access issues	DVR not connected to internet, incorrect app settings, network firewall.	Verify DVR's network connection. Reconfigure app settings. Check router/firewall settings.

If you encounter issues not listed here or require further assistance, please contact SANNCE technical support.

Specifications

Feature	Detail
Brand	SANNCE
Model Number	4335043592
System Channels	8CH (System supports up to 8 channels, 4 cameras included)
Video Capture Resolution	1080p Full HD
Connectivity Technology	Corded Electric
Power Source	Corded Electric
Camera Dimensions (L x W x H)	4 x 3 x 2.9 inches
Item Weight	4.62 pounds (total package weight)
Compatible Devices	Personal Computers, Laptops (for viewing/management via DVR)
Signal Format	Analog (HD-TVI)
Low Light Technology	Night Vision

Feature	Detail
Night Vision Range	Up to 100 Feet (30 meters)
Frame Rate	30 FPS or higher
Optical Sensor Technology	CMOS
Hardware Interface	USB (for DVR)
Lens Type	Wide Angle (3.6mm)
Viewing Angle	90 Degrees
Weatherproof Rating	IP66
Operating Temperature	-40°F to 140°F (-40°C to 60°C)
UPC	744750399402
ASIN	B01HPEB868
Date First Available	June 29, 2016

Warranty and Technical Support

SANNCE is committed to providing high-quality products and excellent customer service.

- **Warranty:** Your SANNCE security camera system comes with a 1-year warranty from the date of purchase.
- **Money-Back Guarantee:** A 30-day money-back guarantee is provided for your peace of mind.
- **Technical Support:** SANNCE offers professional lifetime technical support. If you have any questions, require assistance with setup, or encounter any issues, please do not hesitate to contact our support team.

For the most up-to-date contact information and support resources, please visit the official SANNCE website or refer to the contact details provided with your product packaging.

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For more information, visit www.sannce.com

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Question

Example: How do I reset this device or fix this error?

Details

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