SANNCE DT81BC0-54FE

SANNCE 8CH 1080P Home Surveillance Camera System User Manual

Model: DT81BC0-54FE

1. Product Overview

The SANNCE 8CH 1080P Home Surveillance Camera System provides comprehensive security monitoring for your property. This system includes a powerful 5-in-1 DVR and 1080P TVI weatherproof CCTV cameras, designed for easy remote access and reliable performance.



Figure 1.1: SANNCE 8CH DVR and four 1080P bullet cameras.

Key features include 1080P Full HD video, 100 ft night vision, H.264+ video compression for efficient storage, and IP66 weatherproof cameras suitable for various climates. The system supports humanoid motion detection alerts and offers convenient remote access via mobile applications.

2. System Setup

Follow these steps to set up your SANNCE surveillance system:

1. **Unpack Components:** Carefully remove all components from the packaging. Verify that all items listed in the product contents are present.
2. **Connect Cameras to DVR:** Connect each camera to the DVR using the provided BNC cables. Ensure connections are secure.
3. **Connect DVR to Monitor:** Connect the DVR to a monitor using an HDMI or VGA cable.
4. **Connect Power:** Connect the power adapters to the cameras and the DVR, then plug them into a power outlet.
5. **Network Connection:** Connect the DVR to your router using an Ethernet cable for remote access capabilities.
6. **Initial Configuration:** Follow the on-screen prompts on your connected monitor to complete the initial setup, including setting up a password and configuring basic network settings.



Figure 2.1: Rear view of the DVR, illustrating various input and output ports for camera and monitor connections.



Figure 2.2: The 5-in-1 DVR supports TVI, AHD, CVI, CVBS analog, and IP security cameras, offering broad compatibility.

3. Operating the System

3.1 Remote Access via SANNCE HOME App

The SANNCE HOME app allows you to remotely monitor your property from anywhere using your smartphone, tablet, or computer. Download the app from your device's app store and follow the in-app instructions to add your DVR.

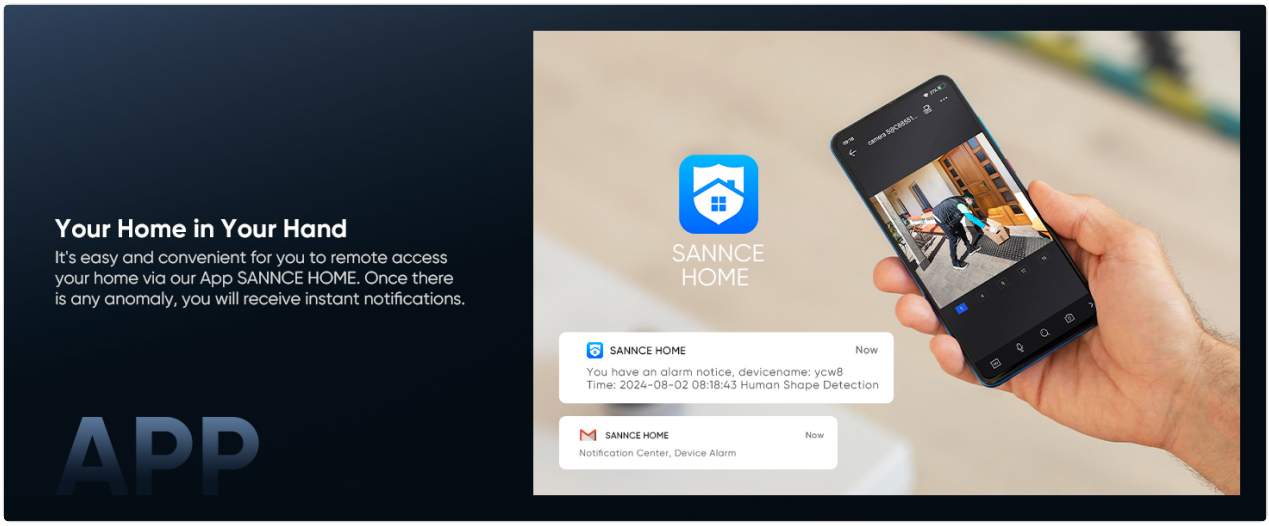


Figure 3.1: Access your security system remotely and receive instant notifications through the SANNCE HOME app.

3.2 Motion Detection and Alerts

The system features advanced Humanoid Motion Detection. When motion is detected, the DVR sends real-time app push notifications and email alerts. You can customize monitoring areas and time settings to reduce false alarms.

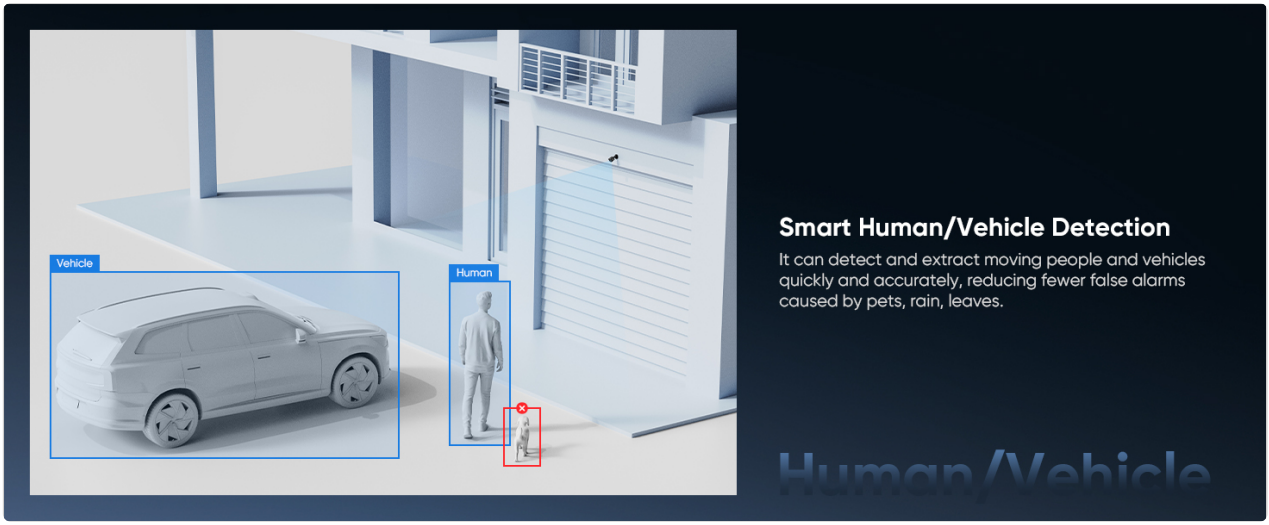


Figure 3.2: Smart Human and Vehicle Detection accurately identifies relevant movement, minimizing unnecessary alerts.

3.3 Video Playback and Recording

The DVR supports up to 8-channel video playback simultaneously. With H.264+ compression, the system efficiently saves video footage, providing smooth 1080p streaming and maximizing storage space.

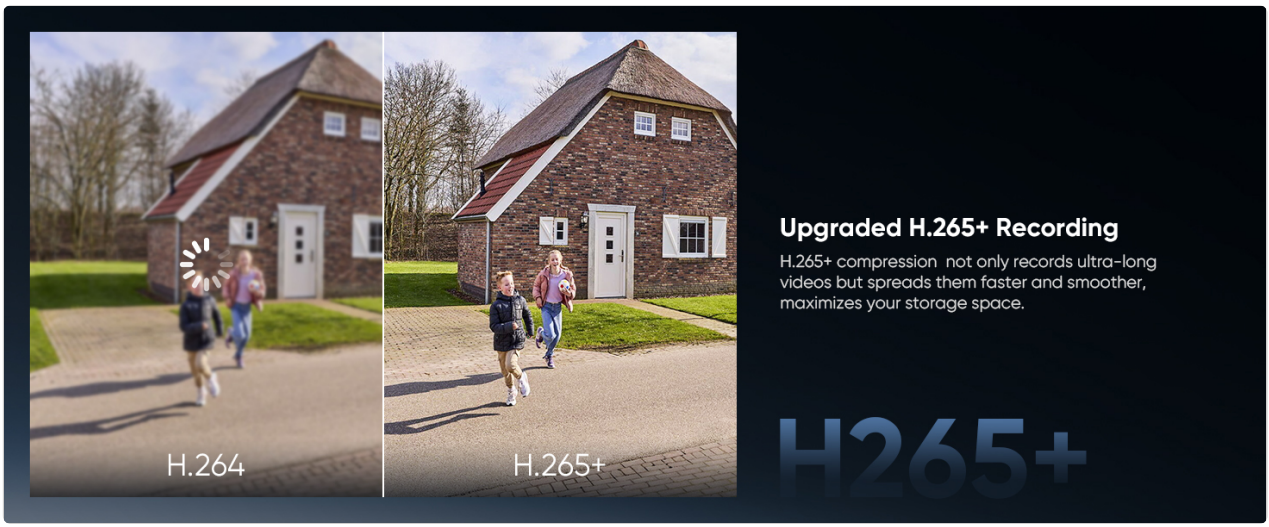


Figure 3.3: H.265+ compression offers improved storage efficiency and smoother video playback compared to H.264.

3.4 Privacy Masking

You can define up to 4 privacy mask areas to ensure sensitive locations are not recorded, protecting personal privacy.

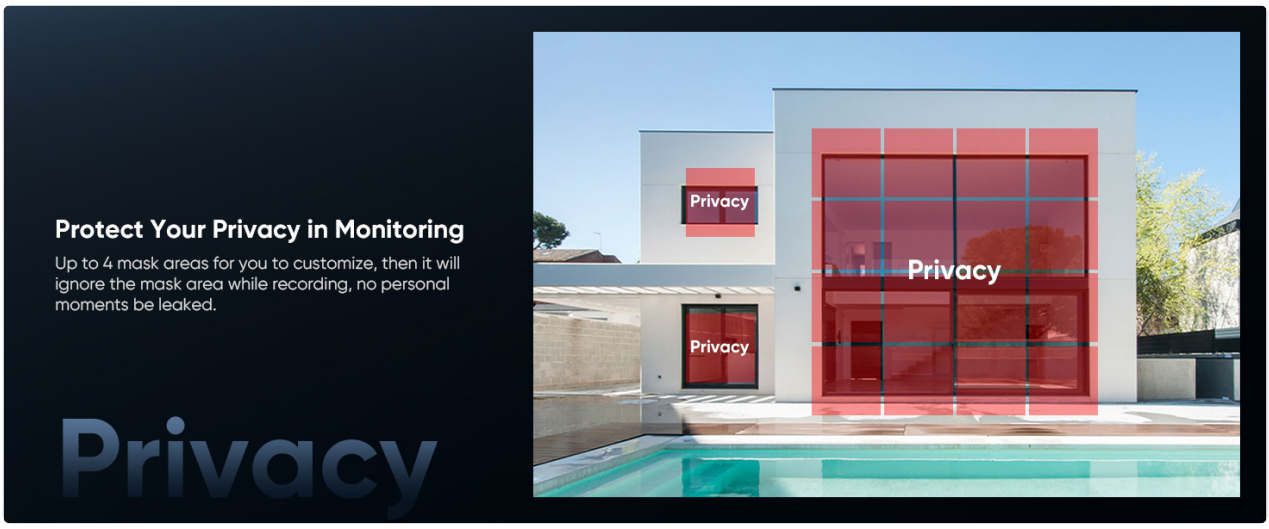


Figure 3.4: Configure privacy zones to exclude specific areas from recording, ensuring privacy.

4. Maintenance

Regular maintenance ensures optimal performance and longevity of your surveillance system:

- **Camera Cleaning:** Periodically clean the camera lenses with a soft, damp cloth to remove dust and dirt that may obstruct the view.
- **Cable Inspection:** Check all cables and connections for any signs of wear, damage, or loose connections. Secure or replace as necessary.
- **Software Updates:** Check the SANNCE website or app for any available firmware updates for your DVR to ensure you have the latest features and security patches.
- **Environmental Considerations:** The cameras are IP66 weatherproof, designed to withstand temperatures from -40 °F to 140 °F. Ensure they are mounted securely to prevent movement in strong winds or heavy weather.



Figure 4.1: The IP66-rated cameras are built to withstand diverse weather conditions, from extreme cold to heat, rain, and snow.

5. Troubleshooting

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

Problem	Possible Cause	Solution
No Video Display	Loose cable connections, power issue, incorrect input source on monitor.	Check all BNC, HDMI/VGA, and power connections. Ensure the monitor is set to the correct input source. Verify power adapters are functioning.
No Remote Access	DVR not connected to network, incorrect network settings, firewall blocking connection, app issues.	Ensure DVR is connected to the router via Ethernet. Check network settings on the DVR. Verify your router's firewall settings. Reinstall the SANNCE HOME app if necessary.
No Recording	Hard drive not installed or faulty, recording schedule not configured, motion detection not enabled.	Ensure a hard drive is properly installed and recognized by the DVR. Configure recording schedules and enable motion detection in the DVR settings.
Poor Image Quality	Dirty lens, low light conditions, cable interference.	Clean camera lenses. Ensure sufficient lighting for optimal night vision. Check cable integrity and ensure they are not near strong electrical interference sources.

For further assistance, please contact SANNCE technical support.

6. Specifications

Feature	Specification
Brand	SANNCE
Model Number	DT81BC0-54FE
Connectivity Technology	Wi-Fi (for remote access), Wired (for cameras)
Video Capture Resolution	1080p Full HD
Special Feature	App Control, Humanoid Motion Detection
Number of Channels	8
Item Dimensions (L x W x H)	10 x 3 x 3 inches
Operating System Compatibility	Android, iOS
Recommended Uses	Outdoor
Signal Format	Analog (TVI, AHD, CVI, CVBS), IP
Night Vision Range	100 Feet
Frame Rate	30-60 fps
Recording Mode	Event, Manual, Schedule

Feature	Specification
Hardware Interface	Ethernet, BNC, RJ45, USB
Weatherproof Rating	IP66
Operating Temperature	-40 °F to 140 °F (-40 °C to 60 °C)

7. Warranty and Support

SANNCE provides a 1-year warranty and a 30-day money-back guarantee for this product. We are committed to offering easy-to-reach professional lifetime technical support to ensure your satisfaction.

For technical assistance, product inquiries, or warranty claims, please visit the official SANNCE website or contact their customer support team. You can also find more information and resources on the SANNCE Amazon Store.

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