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Camcamp SC54

CAMCAMP SC54 Wireless Security Camera System Instruction Manual

Model: SC54 | Brand: Camcamp

INTRODUCTION

The CAMCAMP SC54 Wireless Security Camera System provides comprehensive surveillance for your home or business. This system features 4K resolution, 24/7 continuous recording, and advanced AI human tracking. Each camera offers 355° pan and 90° tilt capabilities, ensuring no blind spots. With dual 2.4G/5G WiFi antennas, installation is simplified, eliminating the need for extensive video cabling. The included 16-channel NVR with a built-in 500GB HDD allows for local storage and future expansion up to 16 cameras.

SETUP AND INSTALLATION

What's in the Box

- 8 x Wireless Security Camera
- 8 x Power Adapter for Camera
- 1 x 16CH NVR (built-in 500GB HDD)
- 1 x Power Adapter for 4K NVR
- 1 x USB Mouse
- 1 x User Manual
- 1 x HDMI Cable
- 1 x Ethernet Cable

Installation Steps

1. **Unpack and Inspect:** Carefully remove all components from the packaging and ensure all items listed above are present and undamaged.
2. **Camera Placement:** Position each wireless camera in your desired indoor or outdoor surveillance area. Ensure

each camera is within range of the NVR's enhanced 2.4G/5G WiFi signal. Each camera requires a standard AC power outlet.

3. **Mounting Cameras:** Use the provided screws and positioning stickers to securely mount the cameras. The cameras are IP66 weatherproof, suitable for various environmental conditions.
4. **NVR Connection:** Connect the NVR to a power source using its dedicated power adapter. Connect the NVR to your display (monitor/TV) via the HDMI cable. Connect the USB mouse to the NVR for navigation.
5. **Network Setup:** The CAMCAMP wireless security camera system is designed for automatic pairing with the NVR. For internet access and remote viewing, connect the NVR to your home WiFi router using the Ethernet cable or configure wireless network settings via the NVR interface.
6. **Initial Configuration:** Follow the on-screen prompts on your connected display to select your preferred language, set the date and time, and configure storage management.
7. **Live View Activation:** Once configured, press the camera (On/Off) button to activate the live view for each paired camera.

355° No Blind Spot

Auto Human Tracking
Smart Person Detection



1080P

Full HD



3 Night Visions



Auto Pair



2 Way Audio



Expandable to 16CH



IP66 Weatherproof



24/7 Recording

Image: Overview of the CAMCAMP SC54 Wireless Security Camera System components, including cameras, NVR, and accessories.

CAMCAMP

Wireless Security Camera System

Keep an eye on what matters

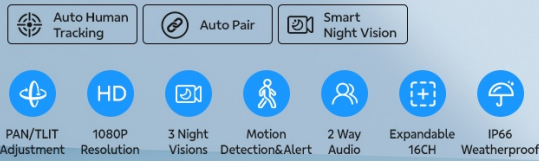


Image: Diagram illustrating the wireless connection between multiple CAMCAMP cameras and the NVR unit.

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Video: Official CAMCAMP video demonstrating the setup and features of the PTZ Wireless Security Camera System.

OPERATING INSTRUCTIONS

Key Features

- **355° Pan & 90° Tilt with Auto Human Tracking:** The cameras can rotate horizontally and vertically to cover a wide area. The auto human tracking function ensures that any detected person is continuously monitored, minimizing blind spots.
- **24/7 Continuous Recording:** The system provides around-the-clock recording, storing footage on the built-in 500GB HDD without monthly fees.
- **Intelligent Night Vision & 1080P Full HD:** Features three night vision modes: intelligent, infrared, and full-color. Intelligent night vision automatically switches from black and white to full color upon detecting moving objects, optimizing energy use and clarity. 1080P Full HD ensures clear details even in darkness.
- **Human Detect & Alert & Two-Way Talk:** Advanced AI technology distinguishes people from animals or objects, reducing false alarms. Upon detecting an intruder, a bright light or siren can be emitted, and an app message is pushed to your device. The built-in two-way audio allows for real-time communication through the camera.
- **Expandable 16-Channel NVR:** The NVR supports up to 16 PTZ cameras, allowing for future expansion of your security system.

Using the Mobile App

Download the dedicated mobile application (e.g., CloudEye 365 as shown in promotional materials) from your device's app store. Follow the app's instructions to bind your device and access live feeds, review recordings, and control camera functions remotely. The app allows for multi-device sharing, enabling family members to monitor the property.

Smart Auto Human Tracking

CAMCAMP dome camera features with 355° pan and 90° tilt adjustment to continuously lock moving person, to ensure that no one is missed.



Image: Illustration of the camera's 355° pan and 90° tilt capabilities, highlighting its wide surveillance coverage.

Multiple Night Visions

Equipped with 3 night visions including smart, full color, B&W. The smart night vision allows it to automatically switch from B&W to color when detecting human.



Image: Visual representation of the auto human tracking feature, showing the camera following a person's movement.

Real Time 2 Way Talk

Speak in real-time through the camera to stay in touch at any moment, such as warning intruders, remotely taking care of families /pets etc.



Image: Depiction of the three night vision modes: Smart Night Vision, IR Night Vision, and Color Night Vision, illustrating their effectiveness in low-light conditions.

Smart Human Detection & Intruder Warning



APP Push



Spotlight Alarm



Siren Alarm



Image: Illustration of the two-way talk feature, showing a user communicating through the camera via a mobile device.

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Video: Official CAMCAMP video showcasing the 8-camera system's human detection and tracking capabilities, including night vision.

MAINTENANCE

- **Regular Cleaning:** Periodically clean the camera lenses with a soft, dry cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check for and install any available firmware updates through the mobile app or NVR interface to ensure optimal performance and security.
- **Cable Management:** Ensure all power and network cables are securely fastened and protected from environmental damage.
- **Storage Management:** Regularly review stored footage and manage the 500GB HDD capacity. The H.265+ compression technology helps save storage space.

TROUBLESHOOTING

- **No Image/Video:** Check power connections for both cameras and NVR. Verify network connectivity. Ensure cameras are paired correctly with the NVR.
- **Poor Image Quality:** Clean camera lenses. Ensure adequate lighting for optimal night vision performance. Check for obstructions in the camera's field of view.
- **Weak WiFi Signal:** Reposition cameras closer to the NVR or WiFi router. Ensure no major obstructions (thick walls, metal objects) are interfering with the signal.
- **False Alarms:** Adjust human detection sensitivity settings in the app. Ensure the camera is not pointed at areas with frequent non-human movement (e.g., trees swaying in wind).
- **Two-Way Audio Issues:** Check microphone and speaker settings in the app. Ensure there are no physical obstructions blocking the audio components.

SPECIFICATIONS

Feature	Detail
Brand	Camcamp
Model Number	SC54
Connectivity Technology	Wireless (2.4G & 5G WiFi)
Video Capture Resolution	1080p (4K NVR support)
Special Features	16CH Wireless NVR, No Monthly Fee, 360° Pan & Tilt, Automatic Tracking, 2MP, Color Night Vision, 2-Way Audio, Weatherproof (IP66), Adjustable, App Control, Dual Antenna Enhance, Human Detection
Number of Channels	16 (expandable)
Memory Storage Capacity	500 GB HDD (built-in)
Color	White
Power Source	Corded Electric
Recommended Uses	Indoor, Outdoor
Compatible Devices	Laptops, Personal Computers, Smartphones, TV, Tablets
Low Light Technology	Night Vision
Night Vision Range	65 Feet
Frame Rate	30 FPS, 60 FPS
Recording Mode	24/7 Recording
Total USB Ports	2
Hardware Interface	HDMI, USB
Viewing Angle	355 Degrees
Product Dimensions	2 x 2 x 2 inches
Item Weight	11.36 pounds

WARRANTY AND SUPPORT

CAMCAMP offers a 1-year warranty for this wireless home camera system. Additionally, a 3-month free return policy is provided. For any questions or issues, the professional customer support team is available to respond promptly via email within 12 hours.

For further assistance, please refer to the contact information provided in your product packaging or visit the official Camcamp website.