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SANSCO S52-4G-3MP

SANSCO S52-4G-3MP Cellular Security Camera Instruction Manual

MODEL: S52-4G-3MP | BRAND: SANSCO

1. Introduction and Overview

The SANSCO S52-4G-3MP Cellular Security Camera is designed for robust outdoor surveillance without the need for Wi-Fi or traditional power sources. This camera operates on a built-in 4G LTE SIM card, providing lifetime free unlimited data, making it ideal for remote locations such as farms, construction sites, cabins, or large properties where internet and power access are limited. Powered by an upgraded solar panel and a 7800mAh rechargeable battery, it ensures continuous 24/7 operation under various weather conditions. Key features include a 360° pan and tilt view (270° horizontal, 90° vertical), 2K Ultra HD resolution with 3MP color night vision up to 49 feet (15m), AI motion detection for real-time alerts, and two-way audio communication. The camera is housed in a durable ABS material with an IP65 water resistance rating, ensuring reliability in diverse outdoor environments. It comes with a 64GB TF card, supporting up to 128GB for extensive video storage.



- Your Safety, Our Priority -

Founded in 2012, Sansco is committed to the design, development, and deployment of ingenious smart home security and business monitoring solutions that enhance our customers' lifestyles and sense of well-being.

Over the years, we've created, and marketed millions of security systems designed to protect your home and business. We will continue to offer professional-grade solutions that safeguard what matters most, at affordable prices.

Figure 1: SANSCO S52-4G-3MP Cellular Security Camera with Solar Panel, ideal for remote outdoor surveillance.

2. What's in the Box

Please check the package contents upon unboxing to ensure all items are present:

- SANSCO S52-4G-3MP Security Camera
- Solar Panel
- 64GB TF Card (pre-installed or included separately)
- Charging Cable
- Adjustable Strap
- Mounting Screws and Anchors
- User Manual

Video 1: SANSCO 4G LTE Solar Cellular Security Camera Unboxing Video. This video demonstrates the contents of the product package and initial handling of the camera and accessories.

3. Setup

Follow these steps to set up your SANSCO S52-4G-3MP Cellular Security Camera:

1. **Insert SIM Card and TF Card:** The camera comes with a built-in 4G LTE SIM card and a 64GB TF card. Ensure both are properly seated in their respective slots. The TF card supports up to 128GB.
2. **Charge the Camera:** Before initial use, fully charge the camera's 7800mAh battery using the provided charging cable.
3. **Power On:** Locate the power switch, usually protected by a rubber lid, and turn the camera on. Wait for the indicator light to turn blue, signifying it's ready for connection.
4. **Download and Install the App:** Download the 'Tuya Smart' app from your smartphone's app store (available on iOS and Android).
5. **Register and Log In:** Open the Tuya Smart app, register a new account if you don't have one, and log in.
6. **Add Device:** In the app, tap 'Add Device' or the '+' icon. Select 'Setup 4G Device' and follow the on-screen prompts. You may need to scan a QR code located on the camera itself to pair it with the app.
7. **Mount the Camera:** Choose an optimal mounting location. The camera can be installed using the supplied adjustable strap or mounting screws. Ensure the camera is positioned 8-10 feet high and 3-30 feet from the monitoring area. Avoid direct sunlight on the camera lens to prevent overexposure.
8. **Install the Solar Panel:** Mount the solar panel in a location that receives maximum direct sunlight throughout the day, ideally within 6.6 feet (2m) of the camera. Connect the solar panel's USB-C cable to the camera's charging port, ensuring the rubber stopper is securely in place for weatherproofing.



Package Includes	Cost			Saving	Hidden Fees (For 3 Years)	After-sales support		
	3-Year Data Cost	Device Cost	Total Cost			Service Period	Get Help	Camera Damaged
SANSCO Camera + Lifetime Free Data	\$0	\$169.99	\$169.99 (One-time)	\$387- 437 ✓	None ✓	Lifetime Support ✓	24/7 Live Support ✓	Free Replacement ✓
Other Brands Camera + Trial Data	\$507	\$49.9-99.9	\$556.9-606.9	No saving ✗	Requires Data Top-up ✗	Limited ✗	NO Response ✗	Paid Replacement ✗

Figure 2: Close-up of the SANSCO camera showing the SIM card and TF card slots. Ensure cards are correctly inserted before powering on.

Video 2: How to Sign up on Tuya Smart? This video guides users through the account registration process for the Tuya Smart app, essential for camera setup.

Video 3: How to Add Camera on the App Tuya Smart. This video provides step-by-step instructions on adding the SANSCO camera to the Tuya Smart app after initial setup.

4. Operating

Once your camera is set up and connected to the Tuya Smart app, you can begin monitoring and utilizing its features:

- **Live View:** Open the Tuya Smart app and select your camera to access the live 2K Ultra HD video feed.
- **Pan and Tilt Control:** Use the on-screen controls in the app to remotely adjust the camera's 270° horizontal and 90° vertical view, ensuring comprehensive coverage without blind spots.
- **Night Vision:** The camera automatically switches to night vision in low-light conditions. It offers 3MP color night vision up to 49 feet (15m) for clear identification.
- **AI Motion Detection:** Enable motion detection in the app settings. The camera will intelligently detect human and animal movement and send real-time alerts to your smartphone. You can adjust sensitivity levels within the app.
- **Two-Way Audio:** Utilize the built-in speaker and microphone for two-way communication. Speak through the app to anyone near the camera or listen to ambient sounds. The camera is also compatible with Alexa for voice control.
- **Video Recording and Playback:** Videos are automatically recorded to the installed 64GB TF card (supports up to 128GB). You can access and playback recorded footage directly from the app.

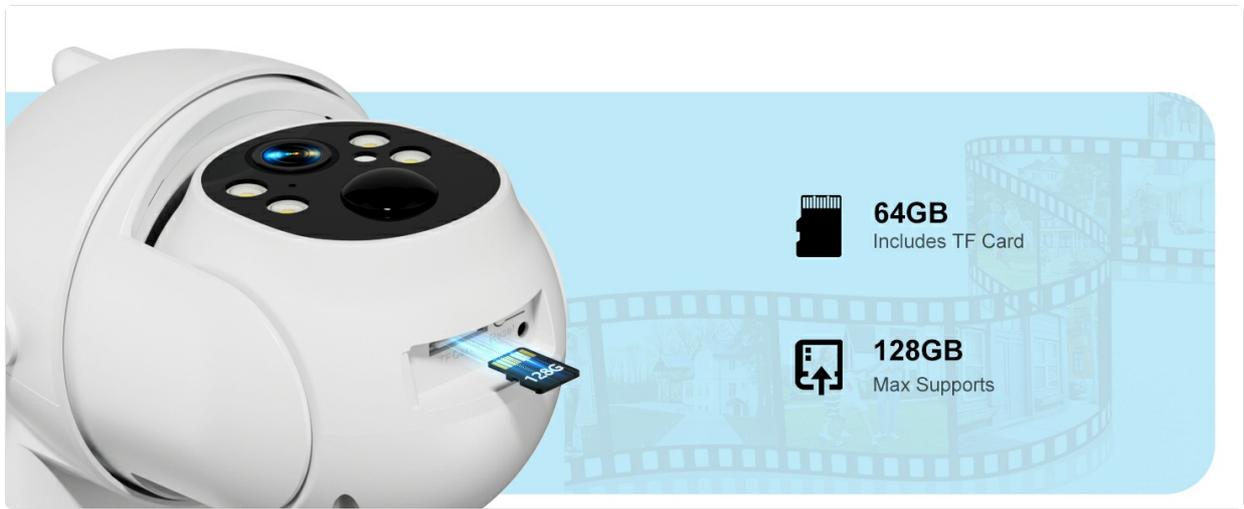


Figure 3: The Tuya Smart App interface allows for live viewing, pan/tilt control, and access to various camera settings and features.

Video 4: SANSICO 4G LTE Cellular Solar Security Camera Overview. This video provides a general overview of the camera's features and capabilities, including its 4G connectivity and solar power.

5. Maintenance

To ensure optimal performance and longevity of your SANSICO S52-4G-3MP camera, follow these maintenance guidelines:

- **Solar Panel Cleaning:** Regularly clean the surface of the solar panel to remove dust, dirt, or debris that may obstruct sunlight absorption. Use a soft, damp cloth.
- **Lens Cleaning:** Gently wipe the camera lens with a microfiber cloth to ensure clear image quality. Avoid abrasive materials that could scratch the lens.
- **Weatherproofing:** Periodically inspect the rubber stoppers covering the charging port and card slots to ensure they are securely sealed. The IP65 rating provides protection against dust and water, but proper sealing is crucial.
- **TF Card Management:** If using the TF card for storage, periodically review and manage recorded footage. The 64GB card can store up to 120 days of video (based on 0.5GB/day). Consider upgrading to a 128GB card for more storage.
- **Battery Health:** While solar-powered, ensure the solar panel is positioned for maximum sunlight exposure to maintain optimal battery charge.

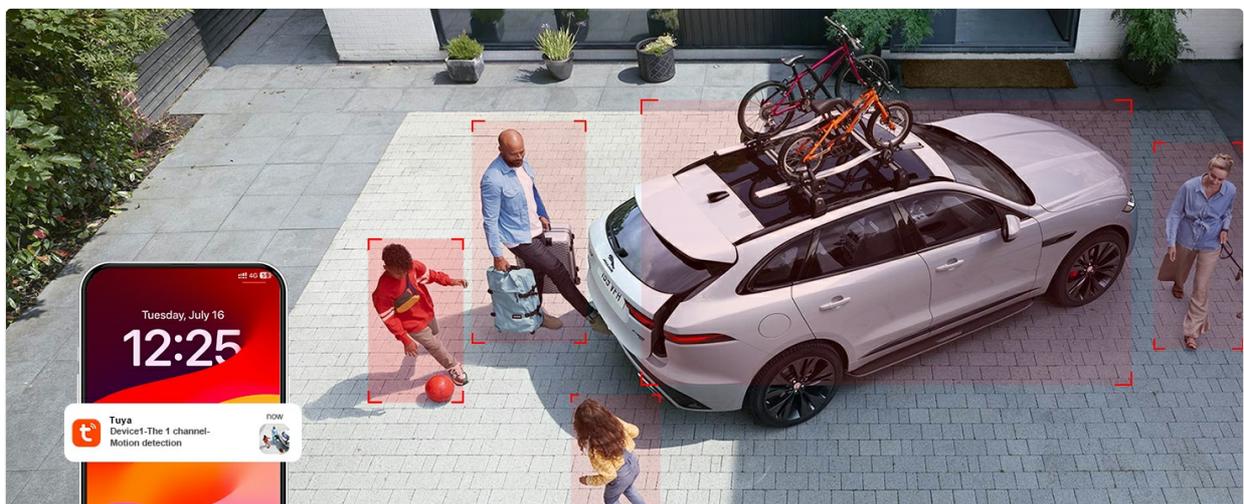


Figure 4: The SANSICO camera features an IP65 water resistance rating, making it suitable for various weather conditions.

6. Troubleshooting

If you encounter issues with your SANSICO S52-4G-3MP camera, try the following troubleshooting steps:

- **Camera Not Connecting to App:**
 - Ensure the camera is powered on and the indicator light is blue.
 - Verify your smartphone has a stable internet connection.
 - Check if the SIM card is correctly inserted and has active 4G service.
 - Try resetting the camera (refer to the user manual for reset button location).
- **No Video Feed/Poor Quality:**
 - Check the 4G signal strength displayed in the app.
 - Clean the camera lens for any obstructions or smudges.
 - Ensure the camera is not pointing directly into strong light sources (e.g., sun).
- **Battery Not Charging:**
 - Verify the solar panel is clean and receiving direct sunlight.
 - Check the connection between the solar panel and the camera.
 - If prolonged cloudy weather, manually charge the camera using the USB-C cable.
- **Motion Alerts Not Received:**
 - Ensure motion detection is enabled in the Tuya Smart app settings.
 - Check app notification settings on your smartphone.
 - Adjust motion detection sensitivity.

Video 5: How to Unbind Your Camera on Tuya Smart? This video demonstrates the process of unbinding a camera from the Tuya Smart app, which can be useful for troubleshooting or transferring ownership.

7. Specifications

Feature	Specification
Model Name	S52-4G-3MP
Connectivity Technology	Wireless (4G LTE Cellular)
Video Capture Resolution	2K (1296p) / 3MP Ultra HD
Viewing Angle	360 Degrees (270° horizontal, 90° vertical Pan/Tilt)
Night Vision Range	49 Feet (15m) with Color Night Vision
Power Source	Battery Powered, Solar Powered (7800mAh battery, 5W solar panel)
Storage	64GB TF card included (supports up to 128GB)
Water Resistance Rating	IP65
Control Method	App (Tuya Smart)
Audio	Two-way Audio

Motion Detection	AI Motion Detection
Dimensions	10.15 x 7.68 x 5.43 inches
Weight	2.33 pounds

8. Warranty and Support

SANSCO is committed to providing reliable security solutions and excellent customer service. Your S52-4G-3MP Cellular Security Camera comes with a 12-month quality assurance period. For any inquiries or assistance, SANSCO offers 24/7 live support and lifetime continuous support.

For technical support, troubleshooting, or warranty claims, please refer to the contact information provided in your user manual or visit the official SANSCO website. We prioritize your safety and privacy, ensuring your data is safeguarded.