SANSCO EXF-QS12-B4L

SANSCO 4MP Dual Lens Wireless Solar Security Camera (Model EXF-QS12-B4L) User Manual

Model: EXF-QS12-B4L | Brand: SANSCO

1. INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your SANSCO 4MP Dual Lens Wireless Solar Security Camera. Please read this guide thoroughly before installation and use to ensure optimal performance and safety.

Figure 1: SANSCO 4MP Dual Lens Wireless Solar Security Camera

2. WHAT'S IN THE BOX

- 1x Wire Free Camera
- 1x Solar Panel
- 1x Charging Cable (USB-C)
- 1x Setup Guide
- 1x Set Screw (for mounting)

3. PRODUCT FEATURES

- **Dual Lens Dual Screen PTZ Outdoor Camera:** Features a fixed lens and a rotating 355° horizontal lens with vertical 90° rotation for comprehensive 360° coverage. Dual screen view allows switching between bullet and dome screens. Includes 10X digital zoom.
- **2K High-Definition Live Video:** Equipped with ultra-clear lenses providing 8MP (4MP + 4MP,

2304*1296P) full HD images and video for clear day and nighttime visibility.

- **PIR Motion Detection & 2-Way Talk:** Built-in microphone and speaker enable real-time, two-way audio communication. Intelligent motion alarm provides accurate alerts. Siren and flashing white light act as deterrents.
- **IP66 Waterproof:** Designed for outdoor use in extreme weather conditions, suitable for wall or ceiling mounting.
- **Solar Powered:** Utilizes an adjustable 8W solar panel and a built-in 10000mAh rechargeable battery for continuous power.

Figure 2: Solar panel for continuous power supply.

Figure 3: 2K Ultra HD video quality for day and night.

Figure 4: Dual view on one screen with digital zoom capability.

4. SETUP

4.1 Physical Installation

The camera and solar panel are designed for easy installation. Ensure you choose a location that provides optimal sunlight for the solar panel and a clear view for the camera.

- Mount the camera at a height of 8-10 feet (2.5-3m) for optimal detection.
- Ensure the camera's distance to the monitoring area is up to 30 feet (9m).
- Avoid directly facing the camera towards the monitoring area to prevent potential blind spots.
- Position the solar panel in a location that receives sufficient sunlight, ideally pointing directly at the sun during midday in summer. The solar panel cable allows for flexible placement within 6.6 ft (2m) of the camera.
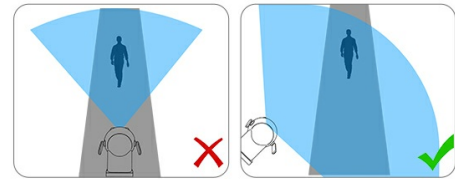
Figure 5: Mounting tips for camera and solar panel.

A Guide For Solar Panel Placement

Select an optimal location for the solar panel that receives sufficient sunlight and is within a 6.6 ft (2 m) radius of the camera. Ideally your panels should be pointing directly at the sun in the middle of the day during the summer.

Figure 6: Guide for solar panel placement.

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Video 1: General installation guide for a dual lens security camera.

4.2 App Installation and Connection

1. Download the EseeCloud app from Google Play Store or Apple App Store.

2. Connect your phone to your home WiFi (2.4GHz only). Turn on your phone's Bluetooth and location function. The app will automatically search for the camera and connect.

3. Enter the correct WiFi password. The security camera only supports 2.4GHz WiFi networks.

4. Wait for the camera to connect to the home WiFi. Connection progress will reach 100%, then you can use it normally.
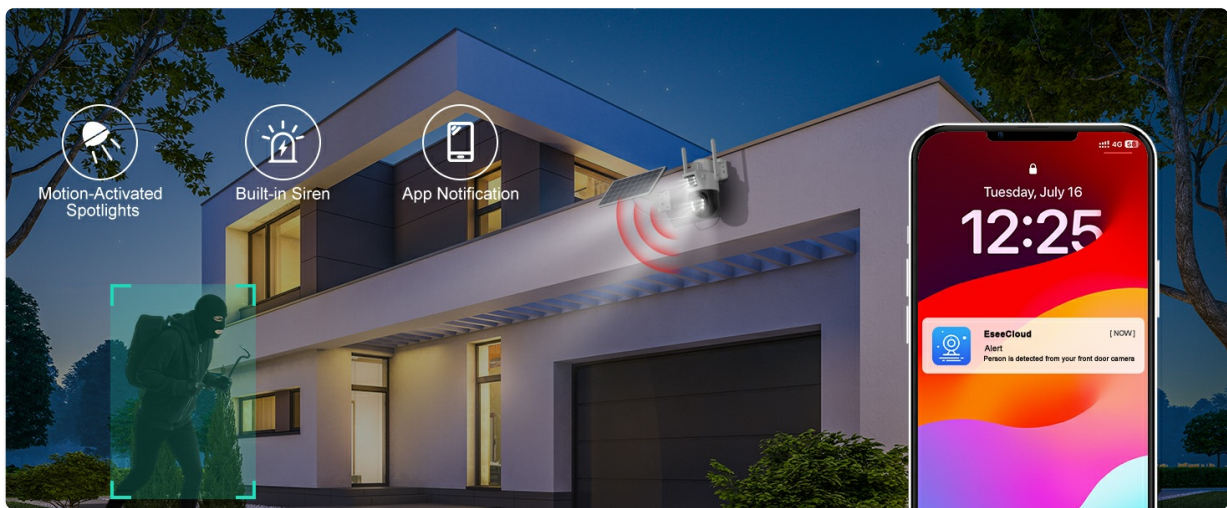
Figure 7: App setup and WiFi connection steps.

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Video 2: Detailed setup instructions for the SANSCO dual lens solar security camera.

5. OPERATING

5.1 Live View & Playback

Access real-time video streams from both camera lenses via the EseeCloud app. The dual screen view allows simultaneous monitoring of a fixed area and a pan-tilt-zoom (PTZ) controlled area. Recorded footage can be reviewed through the app's playback function.

Figure 8: Remote control of camera movement via the app.

5.2 PTZ Control

The lower camera lens offers Pan-Tilt-Zoom functionality. Use the app to remotely adjust the camera's horizontal (355°) and vertical (90°) angles, and utilize the 10X digital zoom to focus on specific details.

5.3 Two-Way Audio

The built-in microphone and speaker enable clear two-way communication. You can listen to audio from the camera's vicinity and speak through the camera to interact with visitors or deter intruders.

Figure 9: Real-time two-way talk feature.

5.4 Motion Detection & Alerts

The camera features PIR motion detection and humanoid auto-tracking. When motion or a human figure is detected, the camera can activate spotlights, sound a siren, and send instant notifications to your mobile app. This helps reduce false alarms.
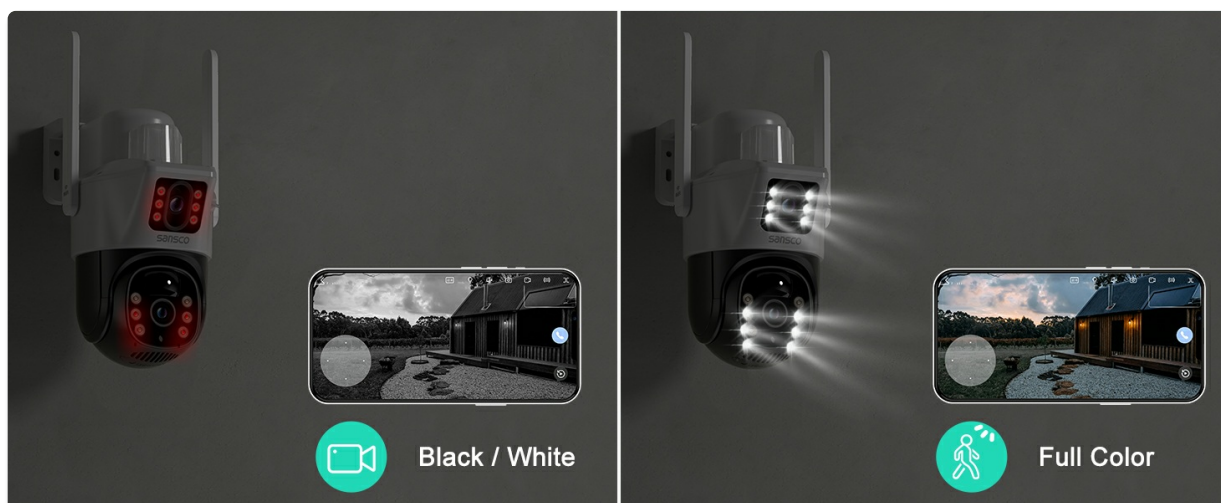
Figure 10: Motion detection features including spotlights and siren.
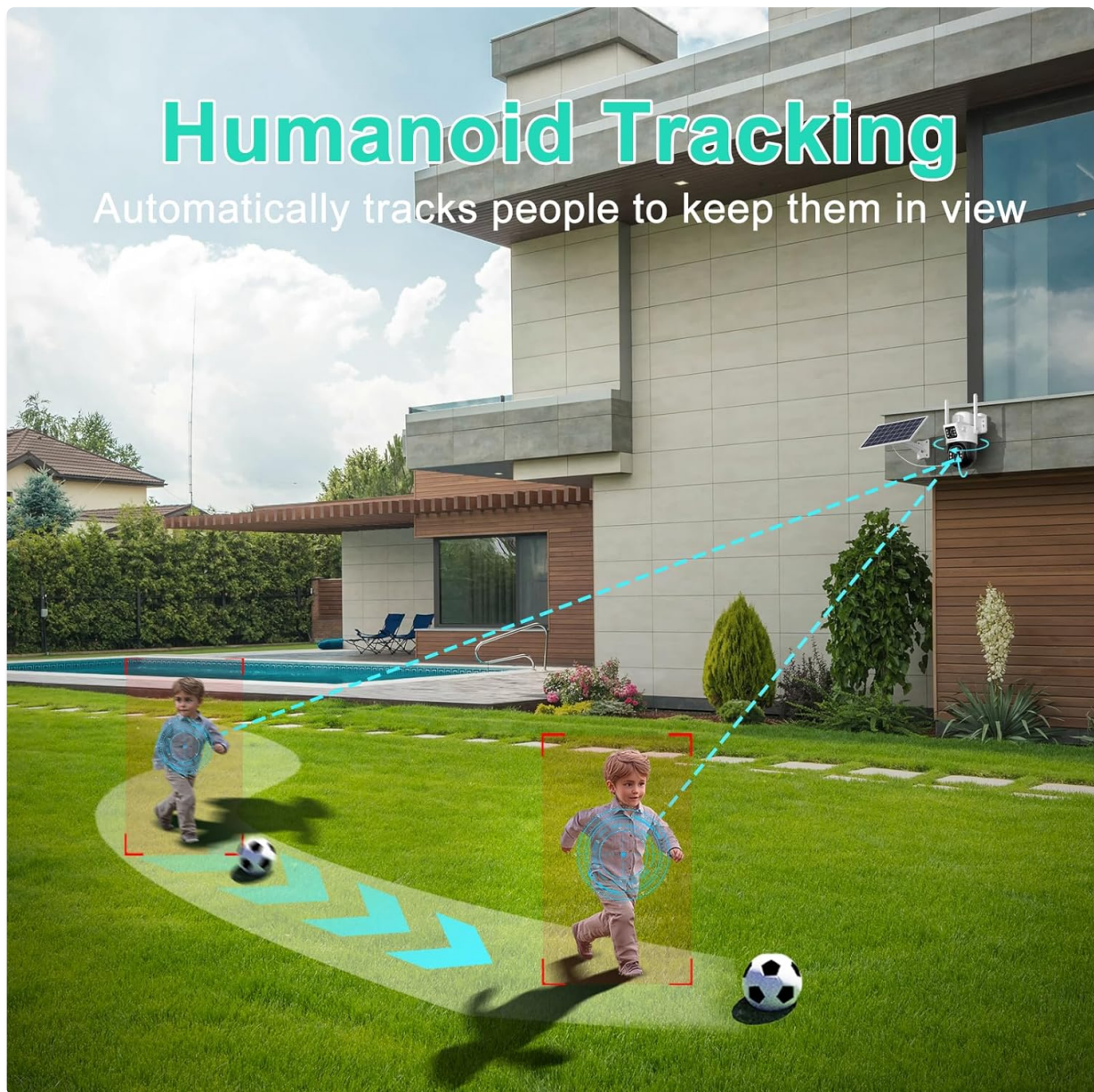
Figure 11: Humanoid tracking in action.

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Video 3: Demonstration of motion detection zone function to reduce unwanted alerts.

5.5 Night Vision Modes

The camera supports both black-and-white and full-color night vision modes, ensuring clear visibility even in low-light conditions. The intelligent motion alarm provides accurate alerts in black-and-white mode.

Figure 12: Black/White vs. Full Color Night Vision.

5.6 Storage Options

The camera supports local storage via a TF card (up to 256GB) and optional cloud storage services. Note that the battery-powered camera does not support 24/7 continuous recording; it is designed for live view and motion detection recording.

Figure 13: TF Card and Cloud Storage options.

6. MAINTENANCE

6.1 Battery Charging

The camera is primarily powered by its solar panel. If the battery is depleted, use a 5V 1A power adapter to charge the camera. Do not use 2.4A or 3A adapters.

6.2 Weather Resistance

The camera has an IP66 waterproof rating, making it suitable for outdoor use in various weather conditions, from -22°F to 140°F (-30°C to 60°C).
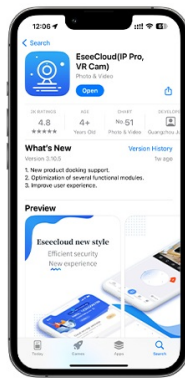
Step 1:Download EseeCloud app from Google Play Store or App Store.

Step 2: Connect your phone to your home WiFi, turn on your phone's Bluetooth and location function, automatically search for the camera and connect.
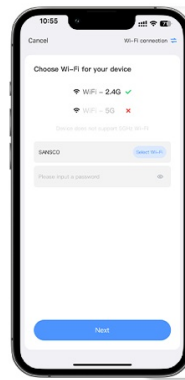
Step 3:Enter the correct WiFi password, The security camera only supports 2.4GHZ WiFi networks.
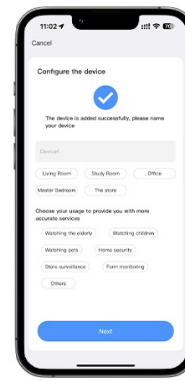
Step 4: Wait for the camera to connect to the home WiFi, the connection progress reaches 100% and then you can use it normally.

Figure 14: IP66 Waterproof rating.

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Video 4: Waterproof testing of a similar outdoor security camera.

7. TROUBLESHOOTING

- **Camera not connecting to WiFi:** Ensure your WiFi network is 2.4GHz. The camera does not support 5GHz networks. Check WiFi signal strength at the installation location.
- **Frequent false alarms:** Adjust motion detection sensitivity settings in the app. Utilize activity zones to focus detection on critical areas and ignore irrelevant movements.
- **Battery draining quickly:** Verify the solar panel is receiving adequate direct sunlight. Reduce the frequency of motion detection alerts or adjust recording duration if possible. Ensure the correct 5V 1A adapter is used for direct charging.
- **No audio or poor audio quality:** Check app settings for microphone and speaker permissions. Ensure no physical obstructions are blocking the speaker or microphone.
- **Cannot view 24/7 recording:** This battery-powered camera is designed for live view and motion-triggered recording only, not continuous 24/7 recording.

8. SPECIFICATIONS
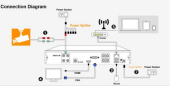
Feature	Detail
Model Number	EXF-QS12-B4L
Video Capture Resolution	1296p (2K Full HD)
Effective Still Resolution	4 MP, 8 MP (Dual Lens)
Connectivity Technology	Wireless (2.4GHz Wi-Fi, Bluetooth)
Power Source	Solar Powered (10000mAh battery)
PTZ Functionality	355° Pan, 90° Tilt, 10x Digital Zoom
Night Vision	Color Night Vision, Black/White Night Vision
Audio	2-Way Audio (Built-in Microphone & Speaker)
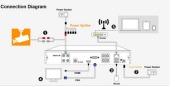
Motion Detection	PIR Motion Detection, Humanoid Auto Tracking, Spotlight, Siren
Storage	TF Card (up to 256GB), Cloud Storage (optional)
Waterproof Rating	IP66
Dimensions	10 x 8 x 5.5 inches
Item Weight	3.65 pounds

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided in your product packaging or visit the official SANSCO website. SANSCO is committed to providing continuous support for its products.

Related Documents - EXF-QS12-B4L

	[SANSCO CCTV DVR User Manual: Features, Installation, and Operation Guide](#) Comprehensive user manual for the SANSCO CCTV DVR (Digital Video Recorder) covering product overview, main features, hardware installation, basic operations, menu navigation, recording, playback, alarm functions, system settings, and FAQs. Learn how to set up and use your SANSCO DVR for effective surveillance.
	[Sansco DVR Quick Setup Guide and User Manual](#) This guide provides instructions for setting up and using a Sansco DVR surveillance system, covering initial connection, system configuration, mobile viewing via the XMEYE app, and answers to frequently asked questions.
	[SANSCO NVR Quick Setup Guide: Installation, Configuration, and Usage](#) This SANSCO NVR quick setup guide provides essential steps for installing and configuring your surveillance system. Learn about network connectivity, mobile viewing, recording setup, and troubleshooting for your SANSCO CCTV solution.

QUICK SETUP GUIDE Wi-Fi Camera System (App: TSEye) Thank you for choosing us. **Before Installation** It is highly recommended that all products and components be tested prior to installation. **Applications** If your NVR does not include a built-in hard drive (Check your Order Details), you may install one of your own, so you can get it to record. By connecting the NVR to the internet, you can view the cameras anywhere anytime. **Tech Support** For products introduction & specifications, please visit www.isansco.com. For FAQ, troubleshooting, or customer support, email us at support@sansco.com, we guarantee a reply within 24 hours. **More Contact Details** **Email:** support@isansco.com **Facebook:** www.facebook.com/sanscodirect Chat via **Messenger:** m.me/sanscodirect	[Sansco Wi-Fi Camera System Quick Setup Guide](#) Comprehensive quick setup guide for the Sansco Wi-Fi Camera System (App: TSEye), covering installation, configuration, mobile app usage, and troubleshooting.
QUICK SETUP GUIDE Battery Operated Security Camera (EseeCloud) (Model: QS17) **Before Installation** * This product may require cabling. It is highly recommended that all products and components be tested prior to installation * **Fully charge** your cameras overnight using the USB charger cable before installation * We don't recommend you set the camera to record continuously (24/7) because doing so may **quickly deplete the battery** (even on solar charging). We recommend you set it to record only when motion is detected. For how long does your battery last before it drains, refer to **FAQ** at the end of this manual **Tech Support** For products introduction & specifications, please visit www.isansco.com. For FAQ, troubleshooting, or customer support, email us at **support@sansco.com**, we guarantee a reply within 24 hours.	[Sansco EseeCloud Battery Operated Security Camera QS17 Quick Setup Guide](#) A quick setup guide for the Sansco EseeCloud Battery Operated Security Camera (Model: QS17). This guide covers before installation, tech support, FCC notices, app setup for remote viewing, device addition, live view and playback, push alerts, solar panel installation tips, and FAQs.
Wireless NVR Kit Manual **Product Manual** **Wireless NVR Kit**	[Sansco Wireless NVR Kit K9604-W Product Manual](#) Comprehensive product manual for the Sansco Wireless NVR Kit (K9604-W), detailing setup, operation, and maintenance for home and office security.