SANSCO EXF-QS12-B4L

SANSCO EXF-QS12-B4L Dual Lens PTZ Solar Security Camera User Manual

Model: EXF-QS12-B4L

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SANSCO Dual Lens PTZ Solar Security Camera. This battery-powered, 100% wire-free outdoor camera features dual lenses for a comprehensive 360° view, 4+4MP 2K resolution with color night vision, 2-way audio, and PIR detection for enhanced home security.

2. WHAT'S IN THE BOX

- 1x SANSCO Dual Lens PTZ Solar Security Camera
- 1x Solar Panel
- 1x Set Guide (User Manual)
- Some Screws and Mounting Hardware

3. PRODUCT OVERVIEW

The SANSCO Dual Lens PTZ Solar Camera is designed for versatile indoor and outdoor surveillance, offering advanced features for comprehensive monitoring.

Key Features:

- **Dual Lens Dual Screen PTZ:** Features a fixed lens and a rotating 355° horizontal with 90° vertical lens for a 360° view. Dual screen view allows switching between bullet and dome screens.
- **10X Digital Zoom:** Allows for precise focus on specific details.
- **2K High-Definition Live Video:** Provides 8MP (4MP + 4MP, 2304*1296P) full HD images and video for clear day and night visibility.
- **PIR Motion Detection & 2-Way Talk:** Built-in microphone and speaker for real-time two-way audio. Intelligent motion alarm provides accurate alerts.
- **IP66 Waterproof Protection:** Suitable for extreme weather conditions, ideal for car parks, garages, driveways, and gardens.

- **Solar Powered & Battery Operated:** Equipped with an adjustable 8W solar panel and a built-in 10000mAh rechargeable battery for continuous power.
- **5G/2.4G WiFi Support:** Connects to both 2.4GHz and 5GHz Wi-Fi networks for flexible connectivity.

Image 3.1: SANSCO Dual Lens PTZ Solar Camera with a mobile app displaying dual views and 10x zoom capability.

4. SETUP INSTRUCTIONS

4.1 Initial Charging and Micro SD Card Installation

Before initial use, fully charge the camera using a 5V 1A power adapter (not included) overnight. Avoid using adapters with higher amperage (e.g., 2.4A or 3A). If using a Micro SD card for local storage (not included), insert it into the designated slot before mounting.

4.2 App Installation and Device Pairing

1. Download the EseeCloud app from your smartphone's app store (iOS or Android).

2. Launch the app and create an account.

3. Ensure your phone's Bluetooth is enabled for device discovery.

4. In the app, select 'Add smart device' and follow the on-screen prompts to find and add your camera.

5. Connect the camera to your 2.4GHz Wi-Fi network. Note: The camera supports 2.4GHz Wi-Fi only for initial setup and operation.

6. Name your device and configure initial settings as prompted.

Image 4.2: Visual guide for connecting the SANSCO camera to the EseeCloud app, including Wi-Fi setup.

4.3 Mounting the Camera and Solar Panel

Select an optimal location for the camera and solar panel. The camera should be mounted at a height of 8-10 feet (2.5-3m) and within 30 feet (9m) of the monitoring area. The solar panel should be placed in a location that receives sufficient sunlight, ideally pointing directly at the sun during midday in summer, and within 6.6 feet (2m) radius of the camera for optimal charging.

Image 4.3: Illustrates recommended mounting height and distance for the camera, and proper solar panel placement for maximum sunlight exposure.

5. OPERATING INSTRUCTIONS

5.1 Live View and Dual Screen Functionality

Access the live feed through the EseeCloud app. The camera offers a dual-screen view, allowing you to monitor both the fixed lens and the adjustable PTZ lens simultaneously. You can switch between these views with a single tap for rapid target identification.

Image 5.1: Demonstrates the dual view feature on the mobile app, showing both fixed and adjustable camera feeds.

5.2 Pan, Tilt, and Zoom (PTZ) Control

Use the app's controls to remotely pan the adjustable lens 355° horizontally and tilt 90° vertically, providing a 360° coverage with minimal blind spots. The 10X digital zoom allows you to magnify specific areas of interest.

Image 5.2: Illustrates the pan and tilt functionality of the camera, controllable remotely through the mobile application.

5.3 Motion Detection and Alerts

The camera features PIR motion detection. When motion is detected, the camera can send real-time alerts to your smartphone. You can configure the sensitivity and detection zones within the app to minimize false alarms.
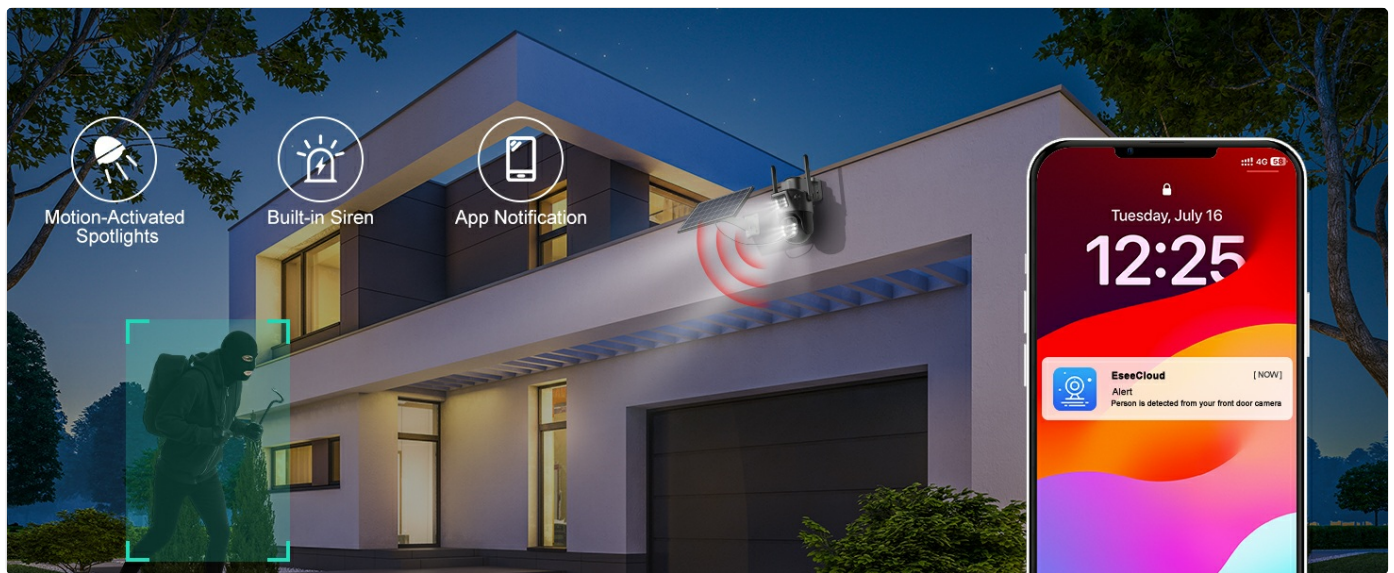
Image 5.3: Illustrates the camera's human motion detection feature, highlighting its ability to identify and track human figures.

5.4 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. This allows you to speak to visitors, deter intruders with a siren, or communicate with family members directly through the camera.

Image 5.4: Depicts the real-time two-way audio communication feature, allowing interaction with individuals near the camera.

5.5 Night Vision

The camera supports 2K color night vision, providing clear visibility even in low-light conditions. Intelligent motion alarms are designed to provide accurate alerts in black-and-white mode.

Image 5.5: Compares black and white night vision with full-color night vision, demonstrating the camera's low-light capabilities.

6. MAINTENANCE

6.1 Battery Charging

The camera is primarily solar-powered. Ensure the solar panel receives adequate direct sunlight for continuous charging. If the battery is depleted, use a 5V 1A power adapter to charge the camera. Avoid 24/7 continuous recording to conserve battery life, as it is designed for live view and motion-triggered recording.

6.2 Weather Resistance

The camera has an IP66 waterproof rating, making it suitable for use in extreme weather conditions (-30°C to 60°C / -22°F to 140°F). Regularly check for any debris on the lenses or solar panel that might obstruct performance.

Image 6.1: Highlights the camera's IP66 waterproof rating, indicating its durability in various weather conditions.

7. TROUBLESHOOTING

- **Connectivity Issues:** Ensure the camera is connected to a 2.4GHz Wi-Fi network. 5GHz networks are not supported for direct connection. Verify Wi-Fi password accuracy.
- **Battery Drain:** Avoid 24/7 continuous recording. The camera is optimized for live view and motion-triggered

recording. Reduce motion detection sensitivity in crowded areas if advanced face recognition technology is causing excessive alerts and battery consumption.

- **Image Clarity:** Ensure protective films are removed from the lenses. Regularly clean the lenses to maintain optimal 2K resolution.
- **Motion Detection Accuracy:** Adjust detection zones and sensitivity settings in the app to reduce unwanted false alerts from environmental factors like waving plants or shadows.

8. SPECIFICATIONS

Model Name	EXF-QS12-B4L
Brand	SANSCO
Connectivity Technology	Wireless (2.4GHz & 5GHz Wi-Fi)
Power Source	Solar Powered, Battery Powered (1 Lithium Ion battery included)
Video Capture Resolution	2K (8MP: 4MP + 4MP, 2304*1296P)
Special Features	2-Way Audio, HD Resolution, Motion Sensor, Night Vision (Color), PTZ Technology (355° Pan, 90° Tilt), Dual Lens, 10X Digital Zoom
Indoor/Outdoor Usage	Indoor, Outdoor
Water Resistance Level	IP66 Waterproof
Item Dimensions L x W x H	10 x 8 x 5.5 inches
Item Weight	3.36 pounds

9. WARRANTY & SUPPORT

SANSCO is committed to customer satisfaction. The product comes with a 30-day hassle-free return and exchange policy. Additionally, SANSCO offers lifetime continuous support for its products. For any inquiries or assistance, please refer to the contact information provided in your quick start guide or visit the official SANSCO website.

Related Documents - EXF-QS12-B4L

QUICK SETUP GUIDE Battery Operated Security Camera (EseeCloud) (Model : QS13) **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 charge 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 the **FAQ** at the end of this manual **Tech Support** For products introduction & specifications, please visit www.sansco.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 QS13 Quick Setup Guide](#) A quick setup guide for the Sansco EseeCloud Battery Operated Security Camera, model QS13. This guide covers installation, app setup, live view, playback, push alerts, solar panel tips, and frequently asked questions.
DVR USER MANUAL CAUTION	[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.
Quick Setup Guide Ver.1.3 **Connection Diagram**	[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.
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.sansco.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@sansco.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.
sansco QUICK SETUP GUIDE Thank you for choosing SANSCO.	[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 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 charge 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 the **FAQ** at the end of this manual **Tech Support** For products introduction & specifications, please visit www.sansco.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.