SANSCO M8-NEW

SANSCO M8-NEW Wireless Solar Security Camera User Manual

Model: M8-NEW

1. INTRODUCTION

Thank you for choosing the SANSCO M8-NEW Wireless Solar Security Camera. This manual provides essential information for the proper installation, operation, and maintenance of your security camera system. Please read this manual thoroughly before use and retain it for future reference.

The SANSCO M8-NEW is a 4MP outdoor WiFi camera featuring solar power, color night vision, PIR human detection, and two-way audio communication. It supports both 2.4GHz and 5GHz Wi-Fi networks for flexible connectivity.

2. PACKAGE CONTENTS

Please check the package contents upon receipt. If any items are missing or damaged, contact SANSCO customer support.

- SANSCO M8-NEW Wireless Solar Security Camera
- Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your SANSCO M8-NEW camera.

Non-Stop Solar Powered
100% Wireless, No Worry of Wiring Hassle

365 Days
Self Sustaining

Flexible Solar Panel

Image: SANSCO M8-NEW Wireless Solar Security Camera with its accompanying solar panel.

Key Features:

- **4MP HD Video:** Captures clear 2560x1440 resolution footage.
- **100% Wireless & Solar-Powered:** Operates without power cords, utilizing a built-in rechargeable battery and solar panel.
- **Color Night Vision:** Provides vivid color images even in low-light conditions.
- **PIR Human Detection:** Advanced algorithms detect human movement, reducing false alarms.
- **Two-Way Audio:** Built-in microphone and speaker for real-time communication.
- **Dual-Band Wi-Fi:** Supports both 2.4 GHz and 5 GHz Wi-Fi for stable connectivity.
- **IP66 Weatherproof:** Designed to withstand various outdoor weather conditions.

- **Flexible Storage:** Supports local SD card (up to 128GB) and optional cloud storage.

4. Setup Guide

4.1 Initial Charging

Before initial use, fully charge the camera's built-in battery using the provided USB cable and a standard 5V/2A USB power adapter (not included). A full charge ensures optimal performance, especially before solar charging takes over.

4.2 App Installation

Download the **EseeCloud** app from the App Store (iOS 9+) or Google Play Store (Android 5+). Follow the on-screen instructions to create an account and log in.

4.3 Mounting the Camera and Solar Panel

Proper placement is crucial for effective monitoring and continuous solar charging.

Image: The SANSCO M8-NEW camera and its solar panel are mounted on an exterior wall, illustrating the wireless and solar-powered setup.

- **Optimal Solar Panel Location:** Position the solar panel facing direct sunlight for at least 3 hours daily. It should be within a 6.6-ft (2m) radius of the camera.
- **Camera Mounting Height:** Install the camera at a height of 8-10 ft (2.5-3m) for optimal detection range.
- **Detection Distance:** The camera can detect motion up to 30 ft (9m).
- **Avoid Direct Facing:** Do not install the camera directly facing the monitoring area. Instead, maintain an angle to avoid potential blind spots and improve detection accuracy.

Solar/Battery Powered · Color Night Vision · IP66 Waterproof · Two-way Audio · AI Motion Detection · Multi-User Sharing · HD 4MP Super HD · SD Storage · 2.4&5GHz WiFi · Work with Alexa

Image: A diagram illustrating the recommended mounting height (8-10ft) and detection distance (up to 30ft) for the camera, emphasizing an angled installation to avoid blind spots.

4.4 Network Connection

The camera and monitor are pre-paired for local plug-and-play operation. For remote access and app features, connect the monitor to your router via Ethernet cable or Wi-Fi (2.4GHz/5GHz).

No Internet or WiFi Required, Plug and Play Locally

The camera and monitor are pre-paired

Image: A four-step visual guide showing the setup process: 1. Powering the WiFi Camera, 2. Powering the NVR Monitor, 3. Connecting the Monitor to a Router (via Ethernet or 2.4G/5G WiFi), and 4. Downloading the EseeCloud app.

5. OPERATING INSTRUCTIONS

5.1 Live View and Multi-Camera Monitoring

Access the EseeCloud app or the NVR monitor to view live footage from your camera. The system supports viewing up to 4 areas simultaneously on one screen, eliminating potential blind spots.

Ultra-Clear 4MP Video

40% higher clarity than 1080P! See moredetails in 4MP video and enjoy a first-classvisual experience

4MP | 2560x1440

1080P | 1920x1080

Image: A smartphone screen displaying a grid of four live camera feeds, demonstrating the multi-camera monitoring capability.

5.2 Smart PIR Human Detection & Alerts

The camera's PIR sensor detects heat changes from human movement within a 5-8 meter range and 100° detection angle. When human motion is detected, the camera can trigger a spotlight, siren, and send instant push notifications to your EseeCloud app.

Image: A security camera detecting an individual at night, activating a spotlight and siren, while a smartphone displays an instant motion detection alert from the EseeCloud app.

5.3 Two-Way Audio

Use the built-in microphone and speaker via the EseeCloud app to communicate with individuals near the camera. This feature allows you to greet visitors or deter unwanted guests.

Image: Two children in a yard, with speech bubbles indicating a conversation with someone through the camera, demonstrating the two-way audio function.

5.4 4MP HD Video & Color Night Vision

The camera records in 2560x1440 resolution, providing 40% higher clarity than 1080P. In low-light conditions, the camera automatically switches to color night vision mode, offering clear and vibrant images.

Image: A comparison showing the camera's full color night vision providing vivid, detailed images at night versus a standard infrared night vision view.

5.5 Recording and Storage

The camera supports both local storage via an SD card (up to 128GB) and optional cloud storage. You can configure the camera for 24/7 continuous recording or motion-detection-triggered recording to optimize storage space.

5.6 Privacy Protection

Customize blocking areas within the camera's field of view to protect sensitive or private spaces from being recorded.

Image: A visual representation of a customizable blocking area (red striped zone) within the camera's view, allowing users to protect personal space and privacy.

5.7 Voice Control Integration

The SANSCO M8-NEW camera is compatible with Amazon Alexa, allowing you to manage your security system using voice commands.

Image: A woman interacting with an Amazon Alexa smart speaker, with a speech bubble indicating a command like "Hey Alexa, show me the courtyard," demonstrating voice control compatibility.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure clear image quality and efficient solar charging. Avoid using harsh chemicals or abrasive materials.

6.2 Battery Care

The camera's built-in rechargeable battery is designed for long-term use with solar power. Ensure the solar panel receives adequate direct sunlight to maintain battery charge. In prolonged periods of low sunlight, you may need to manually charge the camera via USB.

6.3 Weather Resistance

The camera is IP66 weatherproof, designed to operate reliably in temperatures ranging from -10°C to 45°C (14°F to 113°F) and withstand rain, snow, and sun.

Image: The SANSCO M8-NEW camera and its solar panel mounted on an exterior wall during rainy weather, highlighting its IP66 waterproof rating and operational temperature range.

7. TROUBLESHOOTING

- **Camera not powering on:** Ensure the battery is charged. Connect the camera to a USB power source for initial charging. Verify the solar panel is connected and receiving direct sunlight.

- **No video feed:** Check Wi-Fi connectivity for both the camera and the NVR monitor. Ensure the camera is within range of your Wi-Fi router. Restart the camera and NVR monitor.

- **Poor image quality:** Clean the camera lens. Ensure there are no obstructions in the camera's field of view. Check your network bandwidth.

- **False motion alerts:** Adjust the PIR detection sensitivity in the EseeCloud app. Configure privacy zones to exclude areas with frequent non-human movement (e.g., trees, busy roads).
- **Two-way audio not working:** Check microphone and speaker settings in the EseeCloud app. Ensure your mobile device's volume is up.
- **Solar panel not charging:** Ensure the solar panel is positioned to receive maximum direct sunlight. Clean any dirt or debris from the panel surface.

8. SPECIFICATIONS

Feature	Specification
Model Name	M8-NEW
Video Capture Resolution	2K (2560x1440)
Connectivity Technology	Wireless (2.4GHz & 5GHz Wi-Fi)
Power Source	Solar Powered, Battery (3.7V Nonstandard Battery included)
Special Feature	Human Detection, Color Night Vision, Two-Way Audio
Indoor/Outdoor Usage	Indoor, Outdoor
Mounting Type	Wall Mount
Controller Type	Amazon Alexa
Storage Options	SD Card (max 128GB), Cloud Storage
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Weatherproof Rating	IP66
Product Dimensions	0.1 x 0.1 x 0.1 inches
Item Weight	0.16 ounces

9. WARRANTY AND SUPPORT

SANSCO products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official SANSCO website. If you encounter any issues or have questions regarding your SANSCO M8-NEW camera, please contact SANSCO customer support for assistance.

Customer Support: Please refer to the contact information provided on the SANSCO official website or within the EseeCloud app for technical support and service inquiries.