Baseus S1 Lite (S00033)

Baseus S1 Lite Solar Security Camera User Manual

Model: S1 Lite (S00033)

1. PRODUCT OVERVIEW

The Baseus S1 Lite Solar Security Camera is a wireless outdoor surveillance solution designed for continuous 24/7 protection. Featuring 2K QHD resolution, a wide 135° field of view, and advanced AI human detection, it provides clear and reliable monitoring. The integrated solar panel and 5,200mAh battery ensure uninterrupted operation without the need for frequent recharging. With IP67 weather resistance, local storage options up to 512GB, and no monthly fees, this camera offers a secure and convenient way to monitor your property. It also supports two-way audio and is compatible with Alexa and Google Home for smart integration.

Figure 1: Baseus S1 Lite Solar Security Camera

2. What's in the Box

- S1 Lite Camera ×1
- Camera Charging Cable (USB-A to USB-C) ×1
- Screw Mount ×1
- Screw Pack ×1

Flexible Connection

Quick and simple WiFi setup for effortless connection.

*Router is not included.

Figure 2: Included Components

3. Setup Guide

3.1 Installation

The Baseus S1 Lite camera is designed for quick and easy installation, typically taking less than 5 minutes. Its wireless design allows for flexible placement outdoors.

1. Choose a suitable outdoor location for mounting the camera. Ensure the solar panel receives adequate direct sunlight for optimal charging.
2. Use the provided screw mount and screw pack to securely attach the camera to a wall or desired surface.
3. Adjust the camera angle to achieve the desired monitoring coverage.

Quick Setup That Lasts

Install your wireless camera in less than 5 minutes and enjoy years of reliable protection with peace of mind.

Figure 3: Quick and Easy Installation

3.2 App Connection

To fully manage your S1 Lite Camera, download the official Baseus Security app. The camera connects easily to your WiFi router for seamless operation.

- Download the "Baseus Security" app from the Google Play Store or Apple App Store.
- Follow the in-app instructions to add your S1 Lite camera and complete the setup process.
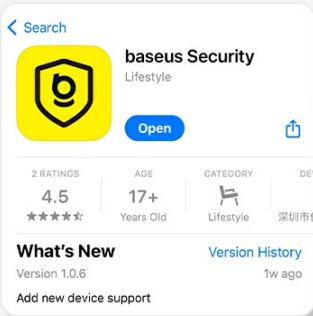

Figure 4: Download the Baseus Security App

Figure 5: Flexible WiFi Connection

4. OPERATING INSTRUCTIONS

4.1 Power and Charging

The Baseus S1 Lite is powered by a 5,200mAh battery and features a built-in solar panel. Just 2.25 hours of direct sunlight per day can keep the camera fully charged, ensuring continuous 24/7 surveillance without manual recharging or battery swaps.

Figure 6: 24/7 Solar Security

4.2 Video Quality and Field of View

The camera delivers clear 2K resolution (2304 effective video resolution) and a wide 135° field of view, allowing you to monitor your entire porch or yard with wide-angle coverage. It also features 8x digital zoom for closer inspection of details. The camera captures clear footage up to 8m (26ft) in daylight.
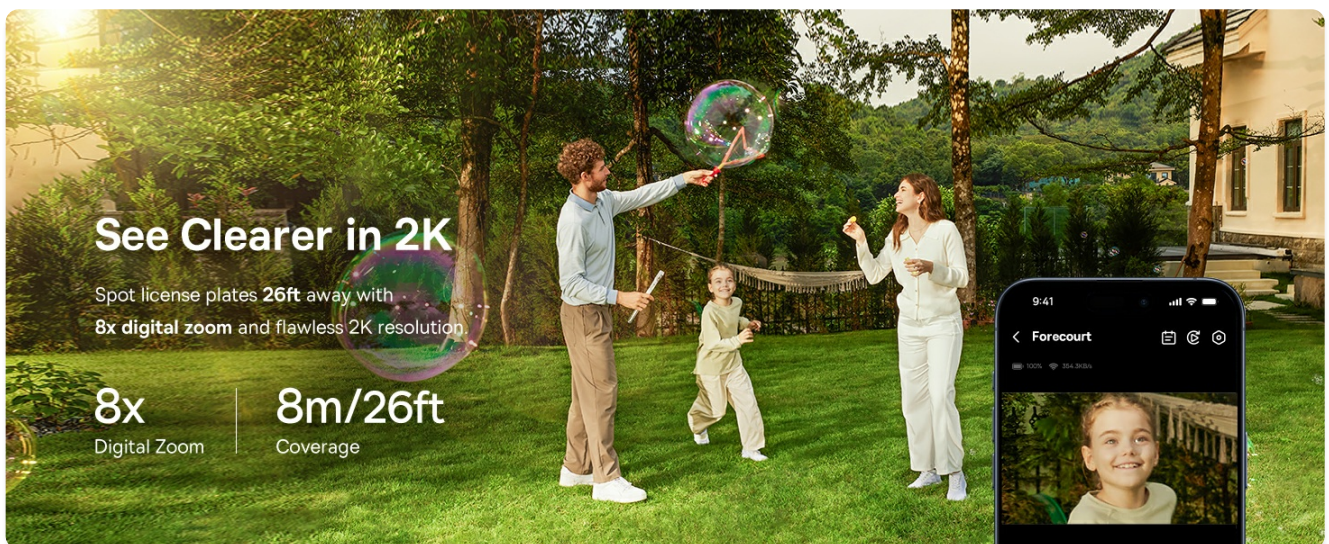

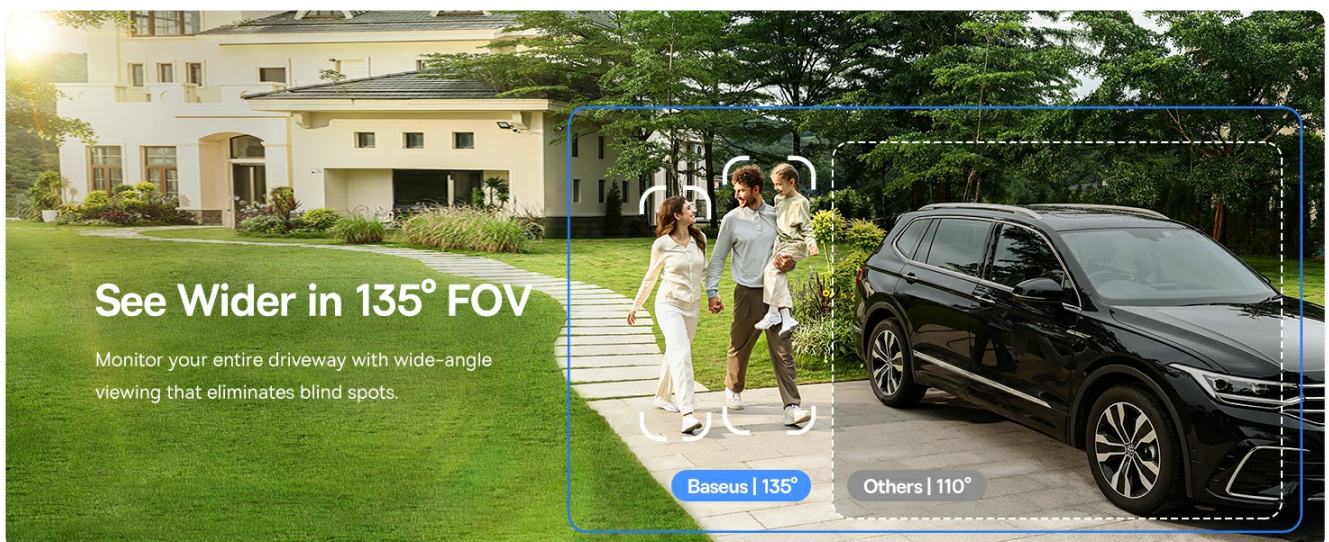Figure 7: Crystal-Clear 2K Resolution

Figure 8: Ultra-Wide 135° FOV

4.3 Night Vision

For nighttime monitoring, the camera is equipped with an integrated 100lm spotlight, enabling full-color night vision up to 6m (20ft) in complete darkness. This ensures clear and vivid recordings even at night.
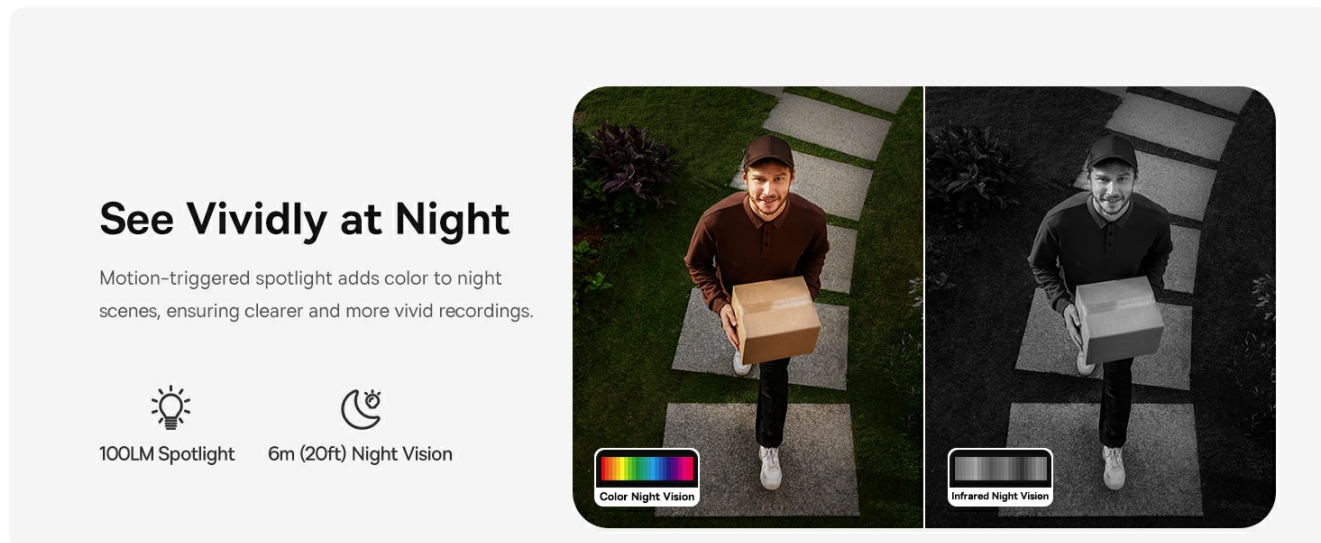

Figure 9: Full-Color Night Vision

4.4 Smart AI Detection and Privacy Zones

The camera features smart AI detection for precise monitoring of human and motion events, reducing false alerts. You can set up to 2 custom activity zones for focused monitoring and 2 ignore zones to respect privacy, ensuring you only receive alerts for what matters.
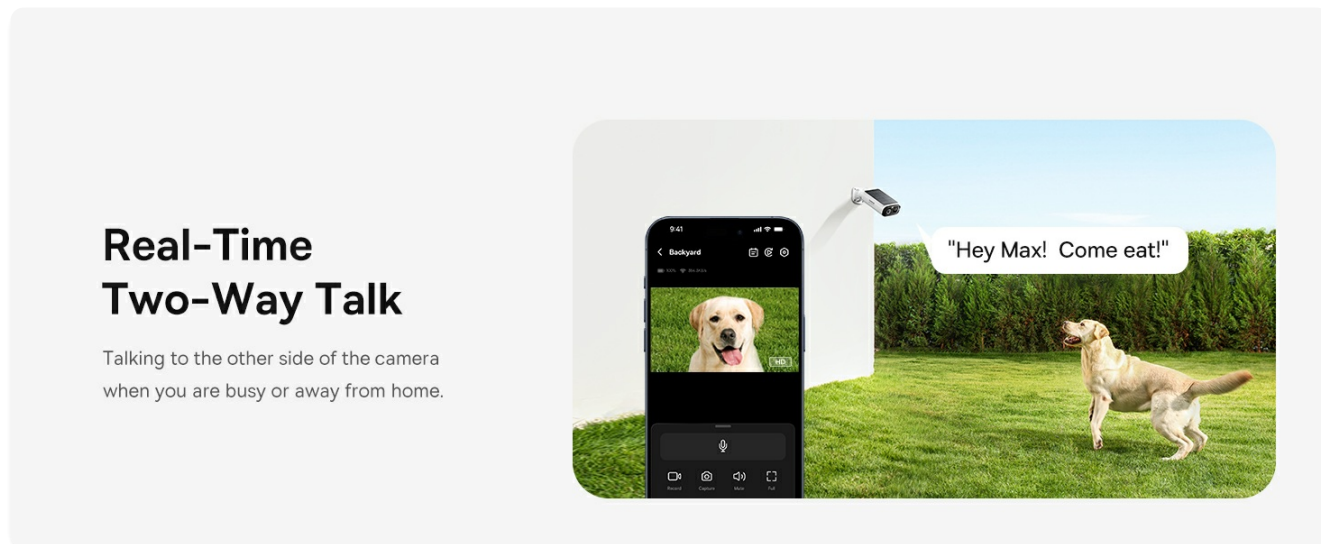

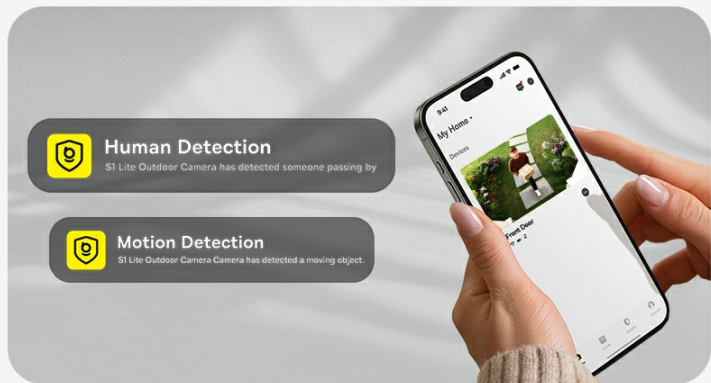
Figure 10: Smart AI Motion Detection

Figure 11: Custom Privacy Zones

4.5 Local Storage and Security

The camera supports up to 512GB microSD card storage, allowing you to save up to 4 years of footage locally without any subscription fees. Your data is protected with AES+RSA encryption, ensuring privacy and security.
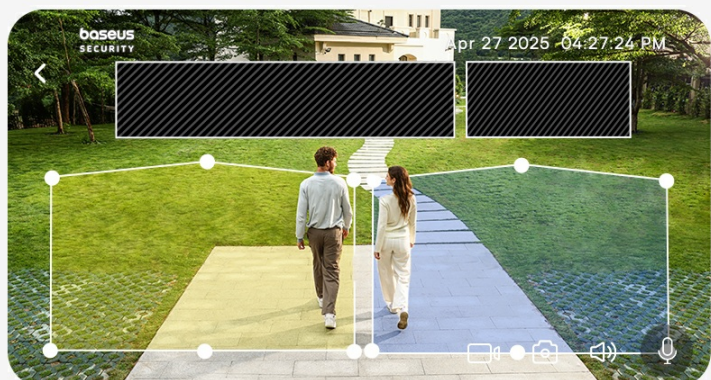

Figure 12: Secure Local Storage

4.6 Two-Way Audio and Voice Assistant Compatibility

Engage in clear two-way audio communication with built-in noise cancellation. The camera also works seamlessly with Amazon Alexa and Google Home for convenient hands-free control and integration into your smart home system.

Voice Assistant Compatibility

Works seamlessly with Google Assistant and Amazon Alexa for convenient connection and hands-free control.

"Hey, Alexa. Show me the front door."

Figure 13: Real-Time Two-Way Talk

What's in the Box

① S1 Lite Camera ×1
② Camera Charging Cable ×1 (USB-A to USB-C)
③ Screw Mount ×1
④ Screw Pack ×1

baseus SECURITY

Figure 14: Voice Assistant Compatibility

4.7 Product Video

Your browser does not support the video tag.

Video 1: Official product video showcasing features of the Baseus S1 Lite Solar Security Camera, including its solar power, 2K clarity, AI detection, and two-way audio.

5. MAINTENANCE

The Baseus S1 Lite camera is designed to be durable and withstand various outdoor conditions. Its IP67-rated weatherproof design ensures it can operate reliably in temperatures ranging from -4°F to 122°F (-20°C to 50°C).

- Regularly check the camera lens for dirt or debris and clean it gently with a soft, damp cloth to maintain optimal image clarity.
- Ensure the solar panel is free from obstructions like leaves or snow to maximize charging efficiency.
- Periodically check the mounting for stability, especially after severe weather conditions.

Figure 15: All-Weather Durability (IP67)

6. TROUBLESHOOTING

If you encounter any issues with your Baseus S1 Lite camera, please refer to the following common troubleshooting steps:

- **No Power/Not Charging:** Ensure the solar panel is exposed to direct sunlight for at least 2.25 hours daily. Check for any physical obstructions on the panel. If the issue persists, try charging the camera using the provided USB-C cable.
- **Poor Video Quality:** Clean the camera lens with a soft cloth. Ensure there are no physical obstructions in the camera's field of view. Check your Wi-Fi signal strength at the camera's location.
- **No Motion Detection Alerts:** Verify that motion detection is enabled in the Baseus Security app. Check the sensitivity settings and adjust them if necessary. Ensure the camera's Wi-Fi connection is stable.
- **Cannot Connect to Wi-Fi:** Ensure your Wi-Fi network is 2.4GHz (the camera supports Wi-Fi connectivity). Double-check your Wi-Fi password. Try restarting your Wi-Fi router and the camera.
- **Two-Way Audio Issues:** Check the microphone and speaker settings in the app. Ensure there are no physical obstructions blocking the microphone or speaker on the camera.

For more detailed troubleshooting or persistent issues, please contact Baseus customer support.

7. SPECIFICATIONS

Feature	Detail
Model Name	S1 Lite
Item Model Number	S00033
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Battery Capacity	5200 Milliamp Hours
Video Capture Resolution	2K (2304 Pixels)
Viewing Angle	135 Degrees

Digital Zoom	8x
Night Vision Range	6 Meters (20ft)
Spotlight Brightness	100lm
Connectivity Technology	Wireless (Wi-Fi)
Compatible Devices	Alexa, Android phone, Google Home, iOS phone
Storage Type	Micro SD (up to 512GB)
International Protection Rating	IP67 (Waterproof)
Operating Temperature Range	-4°F to 122°F (-20°C to 50°C)
Alert Type	Motion and Human
Special Features	Local Recording, HD Resolution, 2-Way Audio, Night Vision, Built-In Light
Item Dimensions L x W x H	3.33 x 5.17 x 1.56 inches
Item Weight	1.32 pounds (0.6 Kilograms)

8. WARRANTY AND SUPPORT

The Baseus S1 Lite Solar Security Camera comes with a **2-Year Warranty**. Baseus is committed to providing high-quality products and offers **Lifetime Technical Support** for this product. If you have any questions, require assistance with setup, or encounter any issues, please do not hesitate to contact Baseus customer service.

For support, please visit the official Baseus website or refer to the contact information provided in your product packaging.

Related Documents - S1 Lite (S00033)

	[BOSMA X1 Lite Security Camera: User Manual & Setup Guide](#) Comprehensive user manual for the BOSMA X1 Lite Security Camera, covering product overview, features, detailed setup steps, menu descriptions, device settings, accessory integration, technical specifications, and safety instructions.
	[Blurams Dome Lite 2-A31 User Manual and Setup Guide](#) Comprehensive guide to setting up and using the Blurams Dome Lite 2-A31 indoor security camera, including package contents, hardware overview, app connection, web access, and important notes.

EZVIZ C8C Lite Camera: Setup, Installation, and User Guide

Comprehensive guide to setting up and installing the EZVIZ C8C Lite security camera. Covers package contents, basic functions, power-on, internet connection (Wi-Fi/wired), SD card installation, and mounting options.

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blurams Dome Lite 2-A31 Smart Home Security Camera User Manual

Comprehensive guide for the blurams Dome Lite 2-A31 smart home security camera, covering packing contents, device identification, setup steps, app integration, web access, and important safety and compliance information.

EYEMAX 8MP Night Color Turret IP Camera: Advanced Security with AcuPick and Smart Dual Illuminators

Explore the EYEMAX 8MP Night Color Turret IP Camera, featuring AcuPick technology, active deterrence with siren and light alarms, and Smart Dual Illuminators for superior low-light performance. Learn about its advanced features like WizSense 3, SMD 4.0, and robust cybersecurity.

FS Lite Series Dome Cameras Quick Start Guide

FS Lite Series Dome Cameras Quick Start Guide provides essential information for familiarizing users with the structure and deployment of IPC101 and IPC104 series dome network cameras, covering installation and hardware overview.