

## Baseus S0SX00

# Baseus S2 4K Solar Security Camera User Manual

Model: S0SX00 | Brand: Baseus

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Baseus S2 4K Solar Security Camera. Designed for outdoor use, this camera features advanced Radar+PIR detection, AI face recognition, auto sunlight-tracking for continuous power, and 4K Ultra HD video with full-color night vision. It offers secure local storage without monthly fees and is compatible with smart assistants like Alexa and Google Home.

## 2. SETUP GUIDE

### 2.1 Package Contents

- S2 Camera x1
- Camera Charging Cable x1
- Screw Mount x1
- Screw Pack x1

### 2.2 Initial Charging

Before first use, fully charge the camera using the provided charging cable. The built-in 7800mAh battery ensures long-lasting operation, complemented by the solar panel.

### 2.3 App Installation and Account Setup

Download the "Baseus Security" app from your smartphone's app store (iOS/Android). Follow the in-app instructions to create an account and add your S2 camera. Ensure your device is connected to a 2.4GHz Wi-Fi network during setup.

### 2.4 Mounting the Camera

Select a suitable outdoor location with clear line of sight to the area you wish to monitor and ample sunlight

exposure for the solar panel. Use the provided screw mount and screw pack to securely attach the camera to a wall or other stable surface. The camera's wire-free design allows for flexible placement.



*Image: Baseus S2 4K Solar Security Camera, showing its adjustable solar panel for optimal sunlight capture.*

## 2.5 Google Home Integration

The Baseus S2 camera can be integrated with Google Home for voice control and live feed viewing on compatible devices. Follow these steps:

1. Open the Baseus Security app.
2. Navigate to Account > Settings > Works with > Google Assistant.
3. Find your device series (H/N/B/S Series) and tap to enter.
4. Exit the Baseus Security app.
5. Open the Google Home app.
6. Tap Devices, then "+ Add".
7. Select "Works with Google Home".
8. Search for "Baseus Security" and select it.
9. Log in with your Baseus Security account credentials, ensuring the correct region is selected.
10. Once linked, find and select your S2 Outdoor Camera within the Google Home app.
11. Choose the appropriate room for the camera.

For a visual guide on connecting your Baseus Security Camera with Google Home, please watch the video below:

Your browser does not support the video tag.



*Video: How to Connect Baseus Security Cameras with Google Home. This video demonstrates the step-by-step process of linking your Baseus S2 camera to your Google Home system for enhanced smart home integration.*

### 3. OPERATING YOUR CAMERA

#### 3.1 Live View and Recording

Access the Baseus Security app to view live footage from your camera. You can initiate manual recordings or rely on motion-triggered recording. The camera records in 4K Ultra HD (8MP) with an 8x digital zoom and a 145° wide-angle view.

**See Every Detail in 4K UHD,  
Day and Night**

**Others: 2K**

**Baseus S2: 4K Clarity**

- F1.6**  
Wide Aperture
- 8MP**  
Ultra HD
- 12m<sup>(39ft)</sup>**  
Coverage



Image: Demonstrates the superior 4K Ultra HD clarity of the Baseus S2 camera compared to standard 2K cameras, capturing fine details in outdoor scenes.

### 3.2 Motion Detection and Alerts

The camera utilizes advanced Radar + PIR dual-sensing technology to minimize false alarms from environmental factors like moving leaves or hot air. It features AI detection for faces, humans, vehicles, and pets. You will receive instant notifications on your smartphone when motion is detected.



Image: Illustrates how the Baseus S2 camera's Radar+PIR dual-sensing technology significantly reduces false alerts caused by common environmental factors.

# Stranger Alerts, Family Filtered

AI Face ID whitelists up to 10 family members and alerts you only when a stranger appears.



## Human Detection

S2 Outdoor camera detects a stranger

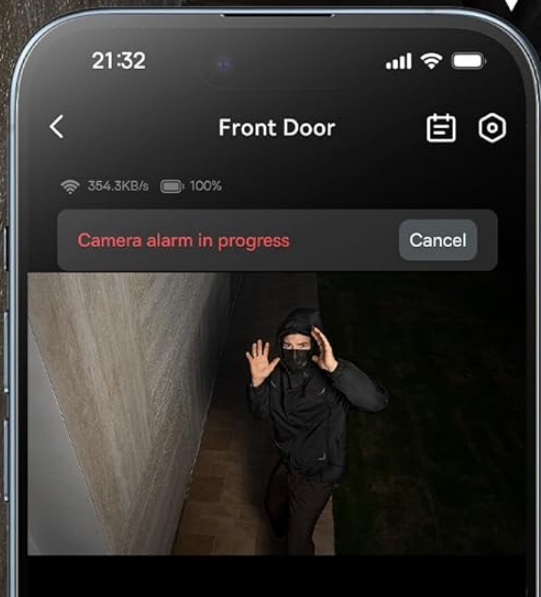


Image: Shows the AI Face ID feature of the Baseus S2 camera, which can whitelist family members and alert only when a stranger is detected.

### 3.3 Night Vision

The S2 camera provides full-color night vision up to 8 meters. The intelligent system activates a spotlight only when real threats are detected, ensuring clear footage even in low-light conditions.

### 3.4 Two-Way Audio

Utilize the two-way audio feature through the app to communicate with visitors or deter intruders. The system is



designed for clear, real-time communication.

### 3.5 Local Storage

The camera supports local storage via a microSD card (up to 512GB, not included), eliminating the need for cloud subscriptions and ensuring your data remains private and secure on the device.

## Data Stays with You

No cloud dependency. No subscription fees.

Up to **512GB** Local Storage



AI On-Device  
Processing



No Hidden  
Fees

AES+RSA Dual Encryption



\*microSD card is not included for flexible upgrades.

*Image: Highlights the Baseus S2 camera's local storage capability (up to 512GB), AI on-device processing, and AES+RSA dual encryption for enhanced data privacy and security without hidden fees.*

### 4. MAINTENANCE

## 4.1 Cleaning

Regularly wipe the camera lens and solar panel with a soft, damp cloth to ensure optimal performance and charging efficiency. Avoid using harsh chemicals or abrasive materials.

# 2X Faster Built-In Solar Charging

Auto solar tracking system maximizes charging efficiency and ensures 24/7 power.



**Baseus S2**



**Other Cameras with Static Solar Panel**



# 2X Power

\*Tested by Baseus Lab under the same sunlight conditions.

*Image: Illustrates the Baseus S2 camera's auto solar tracking system, which maximizes charging efficiency by adjusting its panel position from sunrise to sunset, ensuring continuous power.*

## 4.2 Weather Resistance



The Baseus S2 camera is IP67-rated, providing excellent resistance to dust and water. It is designed to withstand extreme weather conditions, from -20°C (-4°F) to 50°C (122°F).

## All-Weather Durability

Withstands -20°C (-4°F) to 50°C (122°F)  
for all-season reliability.



IP67



-20°C/-4°F

50°C/122°F



Image: Shows the Baseus S2 camera's IP67 rating, highlighting its ability to withstand various weather conditions, including rain and extreme temperatures, for all-season reliability.

## 5. TROUBLESHOOTING

### 5.1 Connectivity Issues



- Ensure your Wi-Fi network is stable and within range.
- Verify the camera is connected to a 2.4GHz Wi-Fi network.
- Restart the camera and your Wi-Fi router.

### 5.2 False Alarms

- Adjust motion detection sensitivity in the app.
- Ensure the camera is not pointed at areas with frequent, non-threatening motion (e.g., swaying trees, busy roads).
- Utilize AI detection filters for humans, vehicles, or pets to reduce unwanted alerts.

### 5.3 Charging Problems

- Ensure the solar panel is clean and free from obstructions.
- Verify the camera is placed in an area with sufficient direct sunlight.
- Check the charging cable for damage if charging manually.

### 5.4 Image Quality Issues

- Clean the camera lens.
- Ensure adequate lighting for optimal night vision performance.
- Check your internet connection speed for live stream quality.

## 6. SPECIFICATIONS




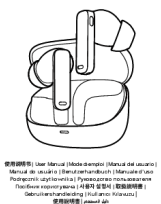
Feature	Detail
Model Name	S2
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Technology	Wireless (Wi-Fi)
Video Capture Resolution	4K (3840 Pixels Max)
Viewing Angle	145 Degrees
Night Vision Range	8 Meters
Battery Power	7800 Milliamp Hours
Flash Memory Supported Size Maximum	512 GB (microSD)
International Protection Rating	IP67
Special Features	2-Way Audio, Built-In Light, Face Recognition, Night Vision, Radar + PIR
Product Dimensions	6.53 x 2.77 x 3.01 inches
Item Weight	2.12 pounds

## 7. WARRANTY AND SUPPORT



For warranty information and technical support, please refer to the official Baseus website or contact Baseus customer service directly. You can also find additional resources and FAQs within the Baseus Security app. A detailed User Manual in PDF format is available for download:[Download User Manual \(PDF\)](#)



### Related Documents - S0SX00

	<p><a href="#">Baseus Palm CCZC20CE 20W USB-C Greitisis Įkroviklis: Trumpas Pradžios Vadovas</a></p> <p>Vadovas su naudojimo instrukcijomis, techniniais parametrais ir garantijos sąlygomis Baseus Palm CCZC20CE 20W USB-C greitajam įkrovikliui. Sužinokite, kaip saugiai ir efektyviai naudoti jūsų Baseus įkroviklį.</p>
	<p><a href="#">Baseus Bowie H1i Noise-Cancellation Wireless Headphones User Manual</a></p> <p>Comprehensive user manual for Baseus Bowie H1i noise-cancellation wireless headphones, covering setup, operation, features, and safety guidelines.</p>
	<p><a href="#">Baseus S1 Pro Беспроводные Наушники: Руководство Пользователя и Характеристики</a></p> <p>Полное руководство пользователя для беспроводных наушников Baseus S1 Pro. Узнайте о характеристиках, подключении, управлении и комплектации.</p>
	<p><a href="#">Baseus Bowie M2s True Wireless Earphones User Manual</a></p> <p>Get the official user manual for Baseus Bowie M2s True Wireless Earphones. Learn about pairing, features, specifications, safety, and troubleshooting for your Baseus audio device.</p>



	<p><a href="#">Baseus WM01 True Wireless Earphones Encok Ръководство за потребителя</a></p> <p>Изчерпателно ръководство за потребителя за Baseus WM01 True Wireless Earphones Encok, обхващащо настройка, функции, отстраняване на неизправности, спецификации, безопасност и информация за съответствие.</p>
	<p><a href="#">Baseus Eli Sport 1 Open-Ear TWS Earbuds User Manual</a></p> <p>Official user manual for the Baseus Eli Sport 1 Open-Ear TWS Earbuds (Model PM20A). Find instructions on pairing, Bluetooth connection, shortcut operations, app usage, wear instructions, power indicators, specifications, and important warnings.</p>