

eMACROS HS006W-1B2S

eMACROS Pro 4 Smart Solar Driveway Alarm System User Manual

Model: HS006W-1B2S

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1. INTRODUCTION

Thank you for choosing the eMACROS Pro 4 Smart Solar Driveway Alarm System. This system provides advanced motion detection for your property, offering real-time alerts via a base station and smartphone app. Designed for reliability and ease of use, it features a 0.5-mile wireless range, solar-powered sensors, and a rechargeable base station with backup power. Please read this manual thoroughly before installation and operation to ensure optimal performance and safety.

2. SAFETY INFORMATION

- **Read all instructions:** Familiarize yourself with the product's features and operation before use.
- **Power Source:** Use only the provided power adapter or a compatible USB-C charger for the base station. Ensure the solar panel on the sensor receives adequate sunlight for continuous operation.
- **Placement:** Install sensors securely to prevent them from falling. Avoid placing sensors where they might be obstructed or trigger false alarms due to environmental factors like strong winds or small animals (adjust sensitivity as needed).
- **Water Resistance:** The outdoor sensor is IP65 weatherproof. However, avoid submerging it in water or exposing it to extreme pressure washing.
- **Wi-Fi Connectivity:** The system connects exclusively to 2.4GHz Wi-Fi networks. Ensure your router supports this frequency.
- **Battery Safety:** The base station contains a rechargeable battery. Do not attempt to replace it yourself. Dispose of

batteries according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Rechargeable Base Station
- 2x Solar Motion Sensors
- 1x USB-C Charging Cable
- 1x Power Adapter
- Mounting Screws and Anchors
- User Manual



Image: Overview of the eMACROS Pro 4 Smart Solar Driveway Alarm system components.

4. SETUP GUIDE

4.1 Initial Charging

Before first use, fully charge both the solar sensors and the base station.

- **Solar Sensors:** The sensors are primarily solar-powered. For initial setup or if the battery is low, ensure they are placed in direct sunlight for several hours. They contain a 2000 mAh lithium battery designed for long-term use.
- **Base Station:** Connect the base station to a power outlet using the provided USB-C cable and power adapter. The built-in rechargeable battery provides up to 3 days of backup power during outages.



Image: Solar sensor highlighting its 2000 mAh battery and solar charging capability.

Rechargeable Battery Base Station

Outage-Proof Power, Always On — 3-Days Battery Backup

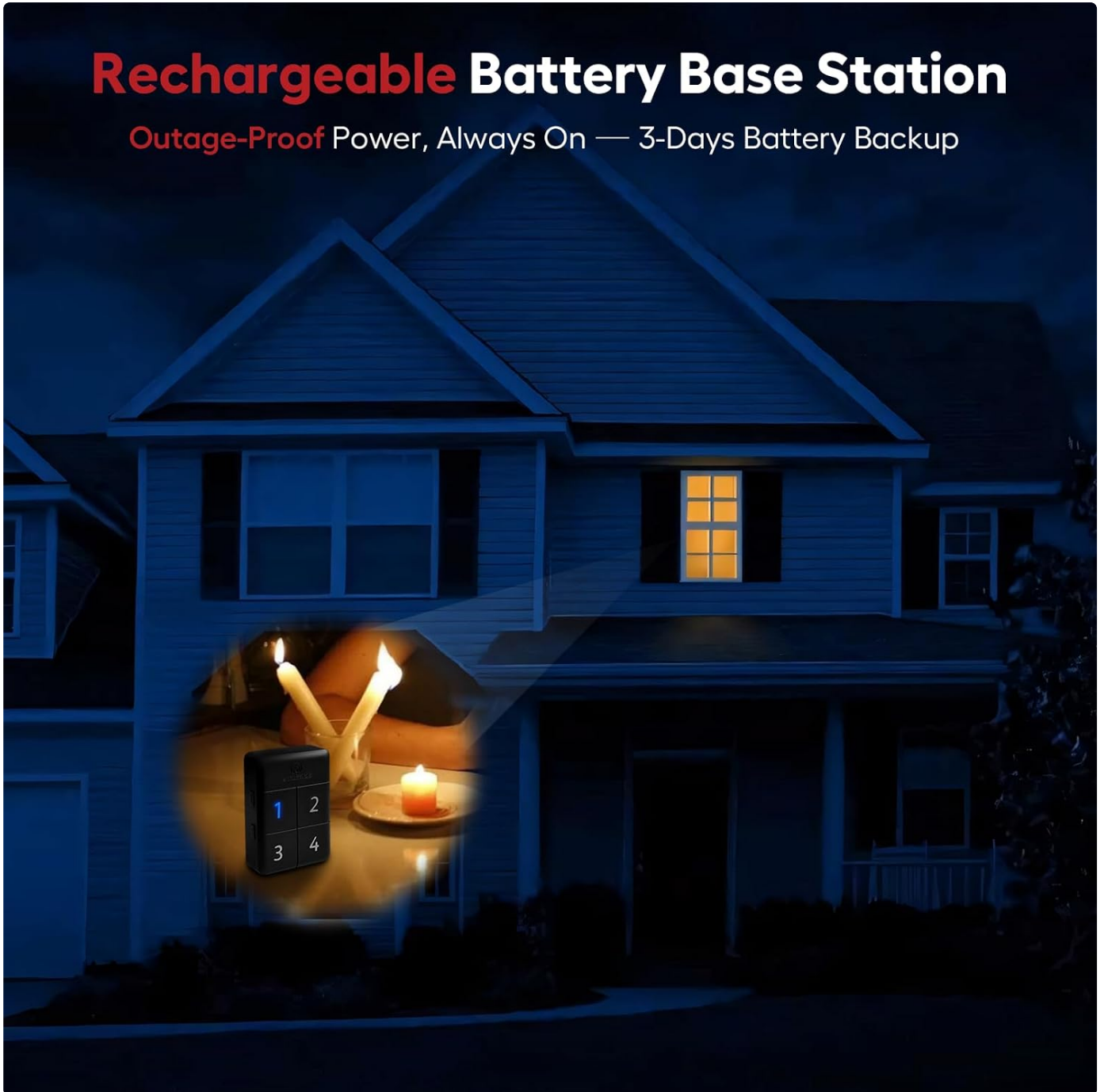


Image: Rechargeable base station with 3-day battery backup, shown during a power outage.

4.2 Mounting the Solar Sensors

The outdoor sensors are IP65 weatherproof and designed for easy screw-in installation.

- **Location:** Choose a location that provides an unobstructed view of the area you wish to monitor (e.g., driveway, entrance). Ensure the solar panel faces the sun for optimal charging.
- **Height:**
 - For detecting people: Install at a height of 3-4 feet (approx. 0.9-1.2 meters) and keep it level and perpendicular to the ground.
 - For detecting vehicles: Install at a height of 2-3 feet (approx. 0.6-0.9 meters) and keep it level and perpendicular to the ground.
- **Installation:** Use the provided screws and anchors to securely mount the sensor. The adjustable bracket allows you to angle the sensor for optimal detection.

Easy Setup in Seconds



Image: Easy installation of the solar motion sensor.

IP65+ Weather Resistance



Image: IP65+ Weather Resistance of the solar sensor.

4.3 Pairing Sensors with Base Station

Each sensor can be assigned to one of four channels on the base station.

1. Power on the base station.
2. Open the cover on the bottom of the solar sensor to access the channel and sensitivity switches.
3. Select a desired channel (CH1, CH2, CH3, or CH4) and sensitivity level (High or Low) using the switches.
4. Trigger the sensor by passing your hand in front of it. The base station should sound an alarm and indicate the corresponding channel.
5. Repeat for all sensors, assigning them to different channels if desired.

4.4 App Installation and Wi-Fi Connection

The eMACROS Pro 4 connects to your smartphone via a dedicated app for real-time notifications.

1. Download the 'My Hosmart' app from the Google Play Store or Apple App Store.

2. Register for an account and log in.
3. Follow the in-app instructions to connect your base station to your 2.4GHz Wi-Fi network.(Note: 5GHz Wi-Fi networks are not supported).



Image: Instant push notifications delivered to a smartphone via the My Hosmart app.

5. OPERATING INSTRUCTIONS

5.1 Motion Detection

The eMACROS Pro 4 uses advanced SST PIR technology to detect movement.

- The sensor is designed to accurately identify movement from people, cars, and large animals.
- It minimizes false alarms caused by environmental factors like wind, leaves, or small pets.

- The wireless range between the sensor and base station is up to 0.5 miles (2600 ft) in open areas.



Image: Motion sensor detecting various movements including animals, people, and vehicles.

Long Transmission Range

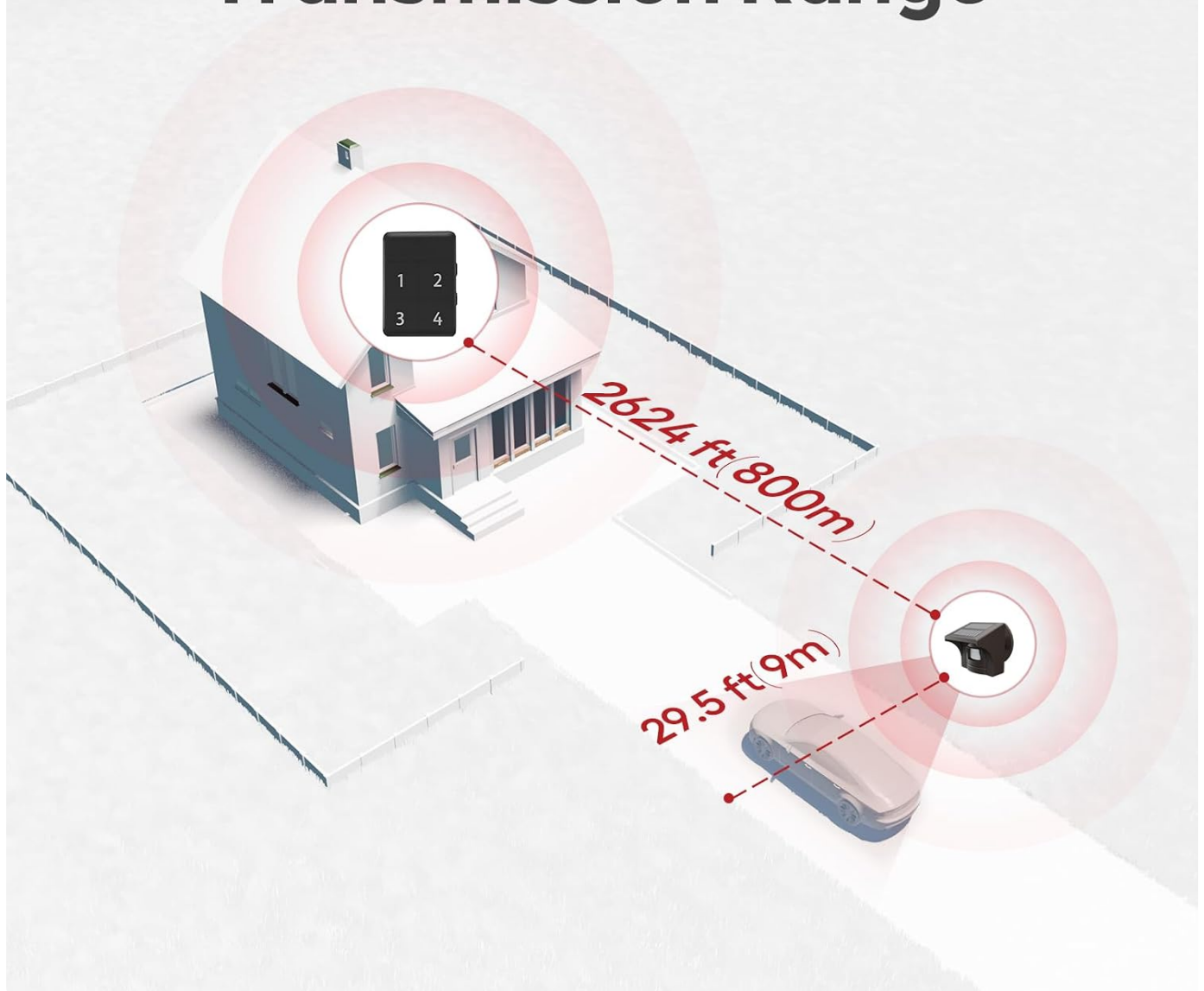


Image: Illustration of the long transmission range of the driveway alarm system.

5.2 Base Station Alerts

When motion is detected, the base station will sound an alarm.

- The alarm can reach 100 decibels, providing a loud warning.
- You can customize the melody, adjust the volume, or disable the alarm sound directly from the base station or through the app.

Multi-User Monitoring from the App

Share this device with your family via their email addresses, so everyone can stay updated on important alerts.

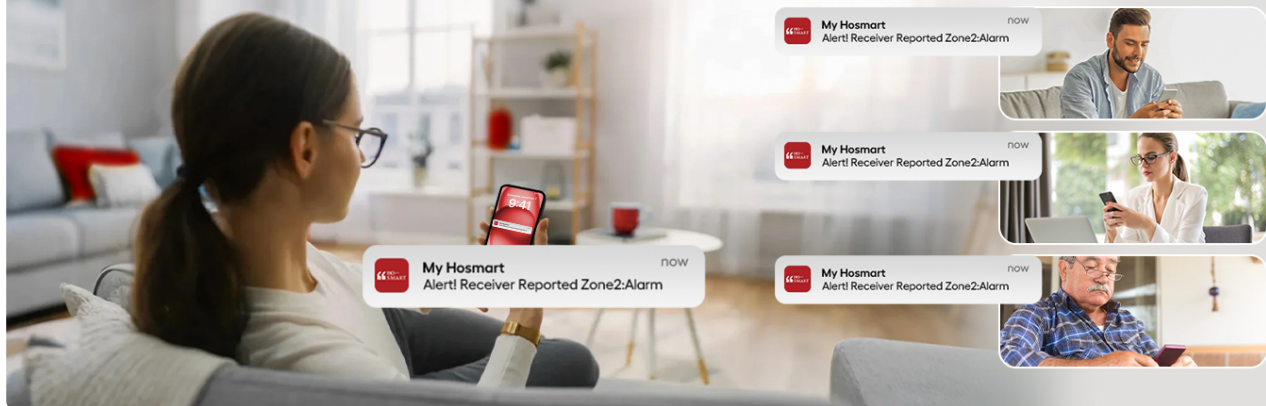


Image: Base station illustrating its 100dB alarm capability.

5.3 App Notifications & Multi-User Monitoring

Receive instant push notifications on your smartphone when motion is detected.

- The app provides real-time alerts, keeping you informed of any activity.
- You can share device access with family members via their email addresses, allowing multiple users to receive alerts and monitor the system.
- The app also provides low battery warnings for the base station.



Image: Multi-user monitoring feature, showing multiple users receiving app alerts.

Loud Enough to Give You an Early Warning

When an alarm is triggered, you'll hear a 100 dB loud sound. You can also select your melody, adjust the volume, and disable the alarm sound.



Image: Low battery warning displayed on the smartphone app.

6. MAINTENANCE

- **Cleaning:** Periodically wipe the solar panel and motion sensor lens with a soft, damp cloth to ensure optimal performance. Avoid abrasive cleaners.
- **Solar Exposure:** Ensure the solar panel on the outdoor sensor remains free from obstructions (e.g., leaves, snow) to maximize solar charging efficiency.
- **Battery Life:** The solar sensor's battery is designed for approximately 2 years of average life. The base station's internal battery provides 3 days of backup power.
- **Firmware Updates:** Check the 'My Hosmart' app regularly for any available firmware updates for your device to ensure you have the latest features and security enhancements.

Easy to Use



Image: Solar sensor utilizing non-stop solar power for continuous operation.

7. TROUBLESHOOTING

- **No Alerts:**

- Check if the sensor and base station are powered on.
- Ensure the sensor is within the 0.5-mile wireless range of the base station.
- Verify that the sensor and base station are paired to the same channel.
- Check the sensor's battery level via the app or by observing the LED indicator.

- **False Alarms:**

- Adjust the sensor's sensitivity switch (High/Low) to reduce triggers from small animals or environmental factors.
- Ensure the sensor is not directly facing moving foliage or objects that could trigger it.
- The SST technology is designed to filter out minor disturbances, but extreme conditions may still cause triggers.

- **App Connectivity Issues:**

- Confirm your Wi-Fi network is 2.4GHz. The system does not support 5GHz.
- Ensure your smartphone has a stable internet connection.
- Restart your Wi-Fi router and the base station.
- Check app permissions on your smartphone to ensure notifications are enabled.

- **Base Station Low Battery Warning:** Recharge the base station using the provided USB-C cable and power adapter.

Adopting the latest **SST** technology (SmartSense)

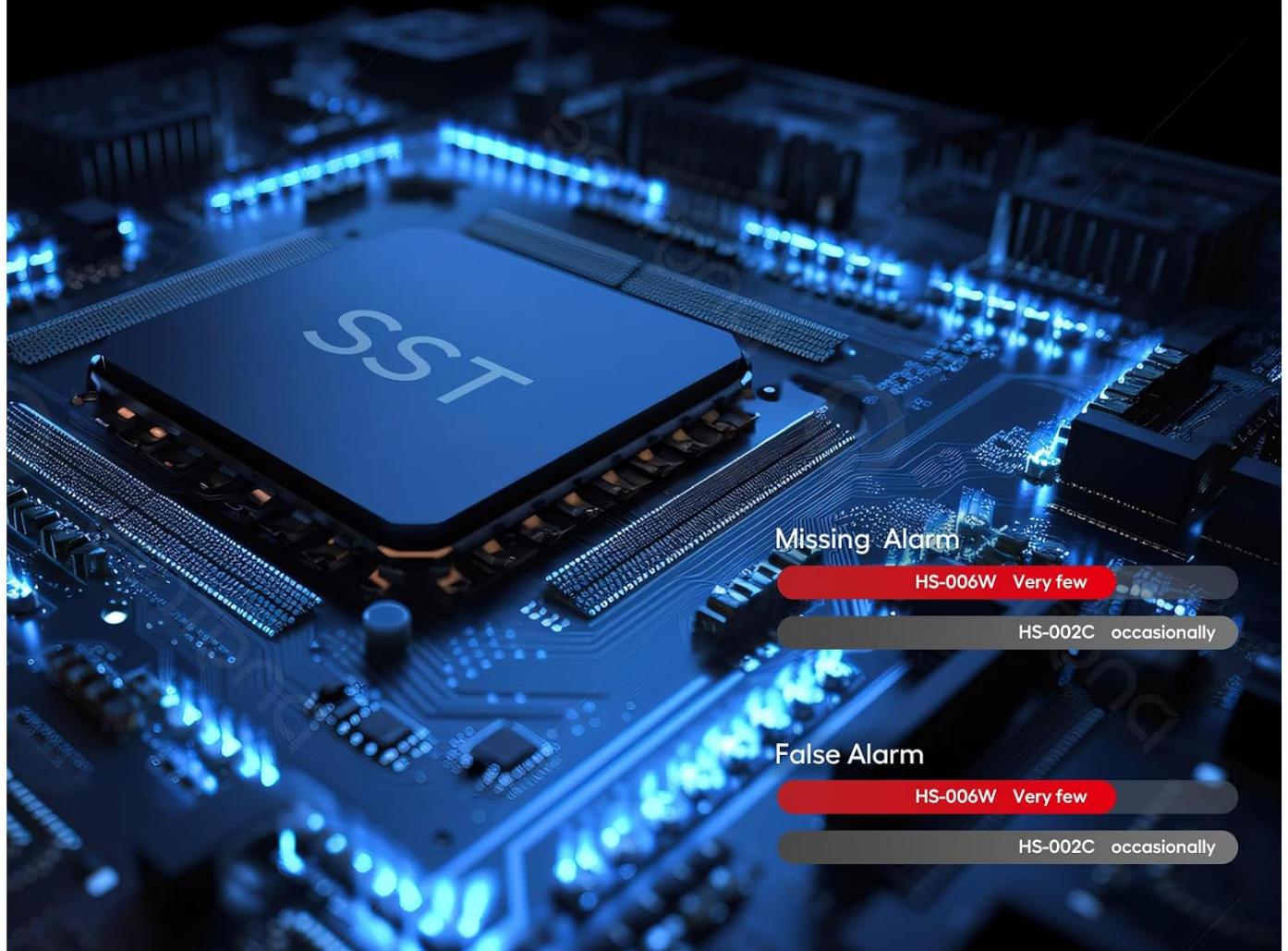


Image: SmartSense (SST) technology for accurate detection and reduced false alarms.

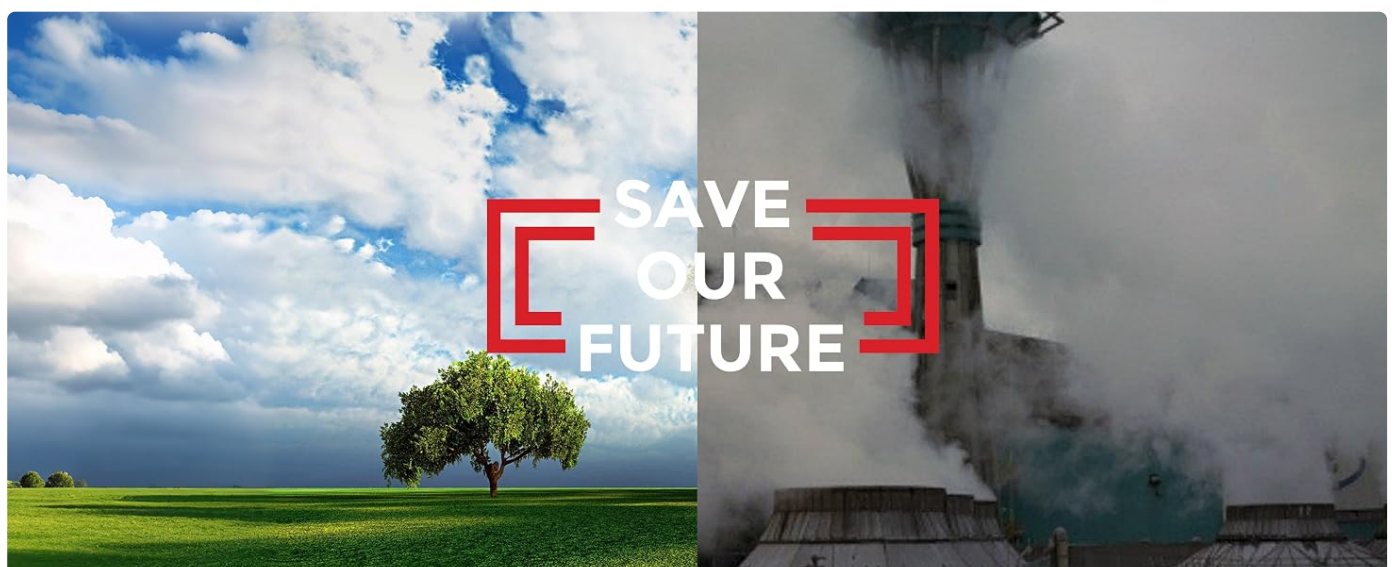


Image: Illustration of the two sensitivity levels for the motion sensor.

8. SPECIFICATIONS

Feature	Specification
Brand	eMACROS
Model Number	HS006W-1B2S
Power Source	Battery Powered (Solar for Sensor, Rechargeable for Base)
Compatible Devices	Smartphone
Connectivity Technology	Wireless (2.4G Wi-Fi Only)
Alert Type	Audio & Motion, App Push Notifications
Maximum Wireless Range	2600 Feet (0.5 Mile) in open areas
Sensor Technology	SST PIR Motion Sensor
Audible Noise	100 Decibels
Sensor Battery Life	Up to 2 years (solar charged)
Base Station Battery Backup	3 days
Weather Resistance	IP65 (for outdoor sensor)
Connector Type	USB Type C
Item Dimensions (L x W x H)	4.53 x 4.53 x 8.46 inches
Item Weight	16 ounces

9. WARRANTY & SUPPORT

eMACROS products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. For detailed warranty information, please refer to the warranty card included in your package or visit the official eMACROS website.

If you encounter any issues or have questions regarding your eMACROS Pro 4 Smart Solar Driveway Alarm System, please contact our customer support team:

- **Email:** [Insert Customer Support Email Here]
- **Phone:** [Insert Customer Support Phone Number Here]
- **Website:** [eMACROS Official Store](#)

Please have your model number (HS006W-1B2S) and purchase date ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question