

HOSMART 1/2-1R4S

Hosmart Driveway Alarm Wireless Sensor System User Manual

Model: 1/2-1R4S
Brand: HOSMART

PRODUCT OVERVIEW

The Hosmart Driveway Alarm Wireless Sensor System provides reliable security monitoring for your property. This system includes a battery/AC powered base receiver and multiple weatherproof outdoor motion sensors designed to detect movement from humans, cars, and large animals. With a super long receiving range and expandable capabilities, it offers comprehensive coverage for your perimeter.



Image: The Hosmart Driveway Alarm system, showing one receiver unit and four motion sensors.

SETUP AND INSTALLATION

Follow these steps to set up your Hosmart Driveway Alarm system.

Sensor Installation

The outdoor sensors are designed for easy installation. They can be mounted to a tree or post using the provided mounting plate and hardware.



You can put it wherever you need it !

Various uses in different places to meet your needs

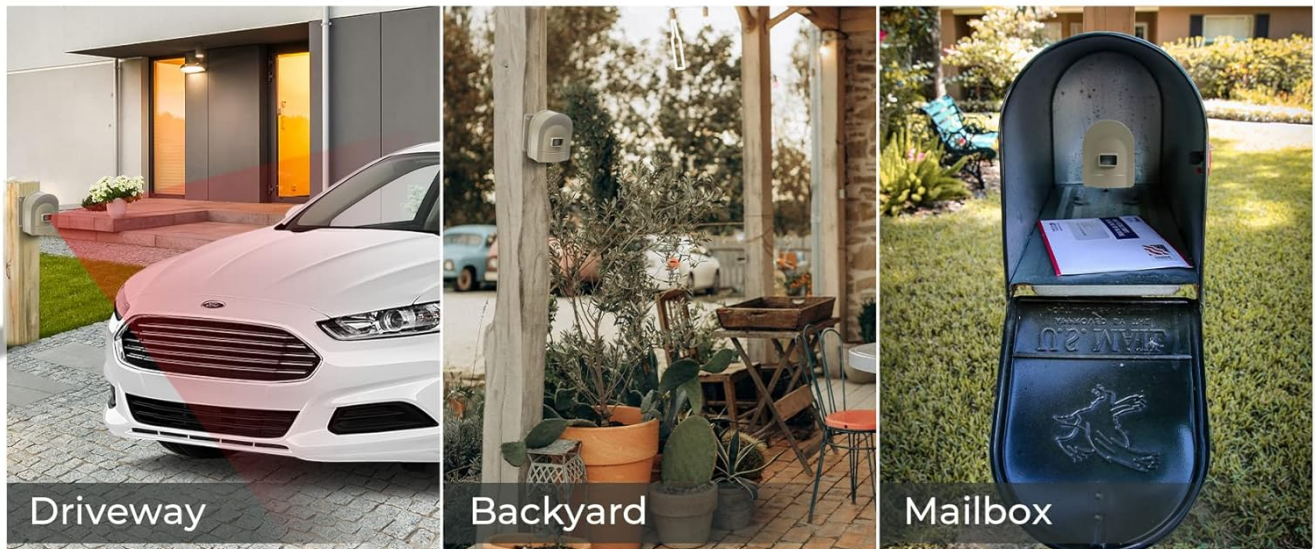


Image: An exploded view of the sensor components, including the battery compartment, cover, screw nut, and mounting plate. The sensor requires 4 AA 1.5V batteries (not included).

For detailed visual instructions on assembling and connecting the sensor to its mounting plate, please refer to the video below:

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Video: Instructional video demonstrating how to connect and assemble the sensor to its mounting plate.

Receiver Setup

The receiver can be powered by the included cable or by 4 AA batteries. Ensure the receiver is powered on before proceeding with pairing.

FULLY EXPANDABLE SECURITY SYSTEM

Expandable up to unlimited sensors and unlimited receivers
Add extra sensors to monitor your property and extra receivers to be alerted throughout your home

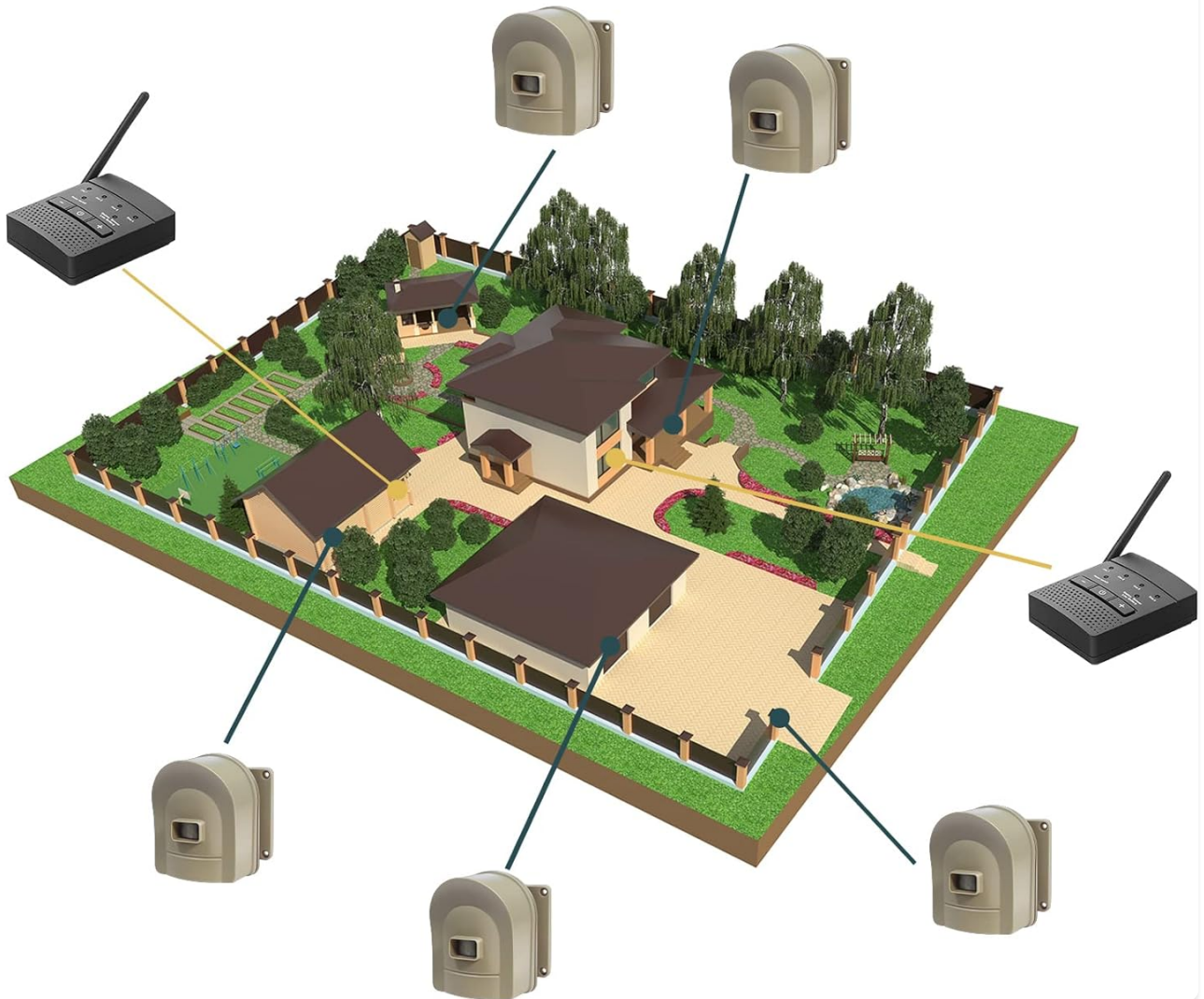


Image: A detailed diagram showing the parts and dimensions of the Hosmart receiver unit, including volume control, power button, pairing button, and channel indicators.

Pairing Sensors

To ensure proper functionality, sensors must be paired with the receiver. If you are adding new sensors or re-pairing existing ones, follow these instructions:

- **Clearing Existing Pairings:** To clear all previous pairings, press and hold the Power button on the receiver while plugging in the power cable. Continue holding until all four channel lights flash red in sequence. This indicates the pairing memory is cleared.
- **Entering Pairing Mode:** Once cleared (or if not clearing, just turn on the base), press and hold the Power button on the receiver until all four channel lights flash red again. This means the base is ready to pair.
- **Pairing a Sensor:** While the receiver is in pairing mode, turn on the sensor (by inserting batteries or connecting its power source) and switch its sensitivity or channel. The receiver will produce a unique tone

based on the channel automatically, confirming successful pairing.

For visual guidance on pairing sensors, please watch the following videos:

Your browser does not support the video tag.

Video: Instructions on how to pair a new sensor with an existing alarm system.

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Video: Detailed guide on how to pair your old sensor and new sensor on the same base unit.

OPERATING THE SYSTEM

The Hosmart Driveway Alarm system is designed for reliable motion detection and alerts.

Detection Capabilities

The sensors utilize infrared technology to detect movement. They are capable of detecting humans, cars, and large animals within their range.

Newly Upgraded Driveway Alarm

New version sensor no longer needs to be removed to charge, just replace the AA batteries and it can be used for about 1 year.

Battery Compartment

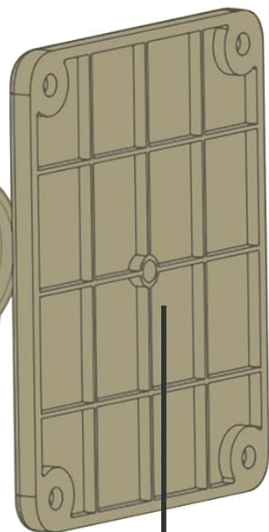
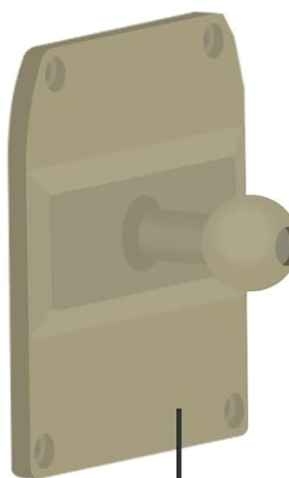


**Powered by 4 AA batteries
(batteries not included)**

Screw Nut



Cover



Mounting Plate

Image: Illustrates various applications of the sensor, including detecting people, animals, intruders, and vehicles.



Image: Shows the wireless transmission distance of up to 1/2 mile and a detection range of 15-30 feet (adjustable from low to high sensitivity).

See the product demonstration video for a quick overview of the system's capabilities:

Your browser does not support the video tag.

Video: A demonstration of the Hosmart Driveway Alarm system's features, including detection of people, cars, and animals, and its waterproof design.

Chime and Alerts

The receiver offers over 4 fun and unique chimes. You can match different chimes with different sensors around your property to differentiate where motion is being detected. The receiver will sound an alert and illuminate the corresponding channel light when motion is detected.

MAINTENANCE

Proper maintenance ensures the longevity and reliability of your Hosmart system.

Battery Life

The sensors are powered by 4 AA 1.5V batteries (not included in the package). After the batteries are inserted, the power of the sensor can last for about one year, which is very durable. The receiver can be powered by AC/DC cable or 4 AA batteries.

Weather Resistance

The outdoor driveway alert sensor system is made with industrial-grade PVC housing, a rubberized weather/water resistant seal, and a sunshade. It has been real-world tested in settings with trees, buildings, walls, and vehicles, and is designed to withstand thick forestry, hail storms, gusty winds, heavy rains, scorching heat, and snow.



Image: The motion sensor is shown operating effectively in rainy conditions, emphasizing its weatherproof, windproof, and dustproof design.

TROUBLESHOOTING

If you encounter issues with your Hosmart Driveway Alarm system, consider the following:

- **False Alarms:** False alarms can be minimized by adjusting the sensitivity of the sensor-eye with Switch 1 (Hi

= 30ft, Low = 15ft). Ensure the sensor is not pointed directly at moving foliage or objects that could trigger it.

- **No Detection:** Check sensor battery levels. Ensure the sensor is within the wireless transmission range of the receiver (up to 1/2 mile in ideal situations). Verify that the sensor and receiver are properly paired.
- **Receiver Not Responding:** Check the power connection or replace the AA batteries in the receiver.

For further assistance, please contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	HOSMART
Model Number	1/2-1R4S
Color	1 receiver & 4 sensors
Power Source	Battery Powered, Corded-Electric, AC/DC
Maximum Range	1500 Feet (approx. 1/2 mile in ideal situations)
Mounting Type	Wall Mount
Battery Description	Rechargeable Lithium-Ion and Alkaline AA
Battery Life (Sensor)	365 days (approx.)
Compatible Devices	Alarm, Adapter, Sensors
Product Dimensions	15.55 x 4.84 x 4.02 inches
Item Weight	2.33 pounds
Country of Origin	China

WARRANTY AND SUPPORT

The Hosmart Driveway Alarm Wireless Sensor System comes with a **2-year warranty** on parts and workmanship. A **90-day risk-free offer** is also provided.

For technical support, warranty claims, or any inquiries regarding your product, please visit the official Hosmart website or contact their customer service department. Refer to the product packaging or official website for the most up-to-date contact information.