



The logo for RVsecure, featuring a stylized 'RV' in a white outline font followed by the word 'secure' in a white sans-serif font. The background of the entire page is a night sky with the Milky Way galaxy visible, and a motorhome and caravan are parked in a dark landscape with mountains in the distance.

RVsecure

Motorhome 
Caravan 
Marine 

AN INTRODUCTION TO RV ALARMS

by RVsecure

Control Panel

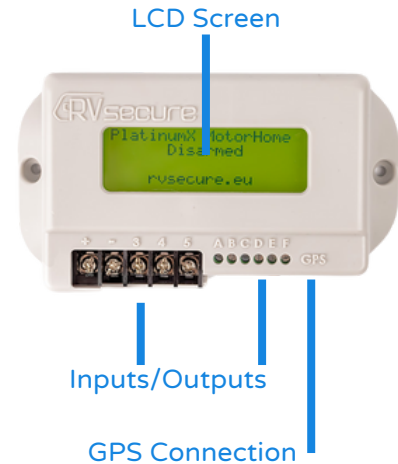
The Control Panel is the system's central nervous system, a compact computer designed to manage and coordinate all operational aspects. It acts as the primary interface, receiving encoded wireless signals from remote devices such as remotes and sensors. These signals, carrying crucial information about system status and user commands, are decoded and processed by the Control Panel's internal processor.

Once the Control Panel has processed the incoming data, it performs logical operations to determine the necessary course of action such as activating audible sirens, flashing visual indicators, or triggering other connected devices.

Towing Detection

The Towing Detection system employs a sophisticated approach to vehicle security, leveraging an onboard accelerometer and intricate algorithms to track vehicle movement. This system continuously analyses motion data, using a complex set of calculations to discern between normal activity such as wind or shock waves, and the distinct patterns indicative of towing. When the algorithm confirms that the vehicle is being towed, it immediately triggers the Caravan electric brake output, effectively immobilising the vehicle.

- Typical response is 5 to 25 meters
- Adjustable Sensitivity to cater for vehicle size and weight



Remotes



Wireless remotes are the user's primary point of interaction with the alarm system. They transmit digital signals, ensuring reliable communication with the control panel. This digital transmission allows for a range of arm and disarm commands, enabling users to efficiently manage the system's security.

Additionally, they grant direct access to the system's main menu, enabling users to adjust settings, customise preferences, and perform necessary configurations.

Internal Sensors



The Internal Sensor utilises Passive Infrared (PIR) technology to monitor the environment for changes in thermal radiation. It is specifically calibrated to detect the infrared energy emitted by human bodies.

When a person moves within its range, the sensor registers the change in heat patterns and triggers an alarm.

Door/Hatch Sensors



The Door/Hatch Sensor, based on Reed Switch technology, employs a magnetic field to monitor the status of doors and hatches. The sensor comprises a magnet and a corresponding sensor element. When the magnet is within close proximity, the sensor remains closed.

Upon opening the door or hatch, the magnet moves, disrupting the magnetic field and triggering the sensor, which initiates an alarm.

These sensors are commonly implemented on doors, hatches, and tunnel boots to ensure perimeter security.

Night Arming



Night arming is an exclusive feature to RVsecure that enhances security during nighttime occupancy by arming perimeter sensors while selectively disarming interior zones to allow movement.

This protects against external intrusion while minimising false alarms from normal nighttime activity within the protected space.

External Cable Loop



The External Cable Loop provides perimeter security for external equipment and belongings, employing a design that minimises false alarm occurrences.

This feature is specifically optimised for use during 'night mode,' recognising the increased vulnerability of external items to theft during these hours, and providing a reliable security layer.

Jamming Detection



Jamming Detection implements a continuous radio frequency monitoring system, specifically designed to identify and alert to attempts to jam the alarm system's communication.

This advanced feature, often considered a hallmark of a Class4 high-tech security system, provides critical protection against electronic interference and tampering.

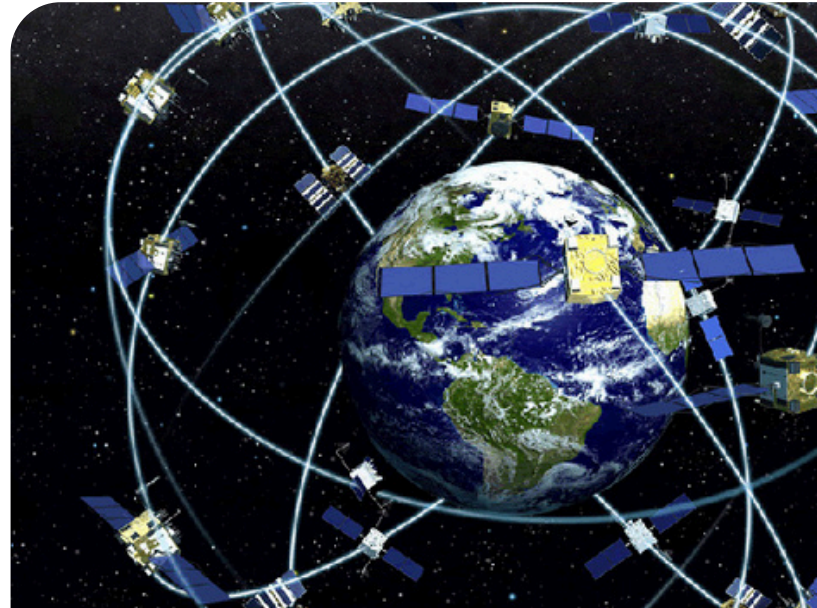
GPS Connectivity facilitates the integration of a GPS module with the alarm system, enabling the transmission of vehicle location and alarm activation notifications via SMS or email. This feature utilises global positioning data to provide location-specific alerts, enhancing situational awareness and enabling rapid response to security events.



GPS LOD

Our integrated technology empowers you with effortless control over your security system, allowing you to monitor and manage your RV's safety by SMS. With this user-friendly interface, you can easily arm or disarm your alarm system, receive real-time phone call alerts, and geofence alerts no matter where you are.

*No Subscription - Requires customer provided SIM Card



PlatinumX

The PlatinumX: A single, universally compatible RV security solution. Protect your Caravan, Motorhome, or Marine vessel worldwide, with Zone specific settings for Asia Pacific, Europe, and North America.

All Configurations

- Day & Night Arming
- Internal & Door Sensors
- Easily Add Sensors (up to 15)
- Wired Zone Input(s)
- Multi-use Aux Output
- Active Jamming Detection
- Flash Lights & Alarm Siren
- FastWire Installation
- Low Power Consumption (<9mA)
- Expand & Integrate
- GPS Options
- For Caravan, Motorhome & Marine
- Starter and Premium Kits
- Made in Australia

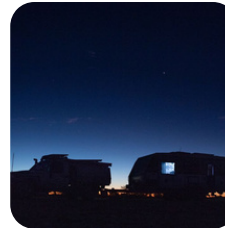
The system prompts the user to select the Application and Zone during its initial startup

Application Specific Features



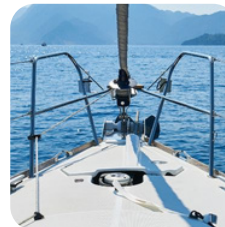
Motorhome

- Arm/Disarm on Central Locking
- Ignition On Auto Disarm
- Anti-Tow Sensing



Caravan

- Auto Brake Locking (AP & NA)
- Stop Light Activation



Marine

- Mooring or Dry Dock
- Engine Start Immobiliser Output
- Specialty Marine Sensors
 - Shore Power
 - Bilge Fail (Water)
 - Deck Beam



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