

PROTECT YOUR CARGO WITH SECURESEAL SENSOR®

Advanced universal-input sensor designed for self-powered applications. Stand alone, local RF and gateway connections for GSM, telematics or satellite systems.

secureseal
Wireless intelligence for logistics *rfid*

Intelligent Self-Powered Sensing

Advanced Wireless Data Provision

SecureSeal Sensor is a self-powered solution to monitor load integrity, temperature, security and the status on trailers or unpowered assets. SecureSeal RF technology eliminates the need for costly unreliable wired connections to telematics, GSM or satellite systems. SecureSeal Sensor is an intelligent programmable device providing reliable and accurate data tailored to your specification.

Technical Specifications

Internal Batteries: 3.6VDC lithium
3-to-5 year life

Operating Temperature: -30 to +60 C

Enclosure Rating: IP65

Unit Status Display: 3 x LED indicators

RF Comms Link: 433/866/915MHz or 2.4GHz

Internal Sensing:

- 2 x magnetic reed door/shutter
- 1 x -30 to +60 C Temperature

External Inputs:

- 3 x normally open/closed contacts
- Pulse counting option
- 4 x -50 to +120 C temperature
- 2 x 0-60 VDC Analogue
- Panic Alarm option

Outputs:

- 2.4 GHz RF
- 2 x FET switches
- Optional serial port output

Expansion Capability:

- External sensor option
- Multiple temperature/humidity or memory.



Technical Support

Programming
Application Support
Hardware Support
Guaranteed Warranty

Data Output Options

RF 2.4 GHz to satellite
RF 433/868 MHz
Gateway Receiver RS232

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Options / Accessories

SecureSeal Sensor has the capacity and flexibility that can be adapted to any unpowered application. With multiple inputs the unit can monitor any combination of temperatures, entry/exit alerts plus optional RF triggers.

The sensor is fully programmable across multiple sensor options including internal reed and temperature, four i/o contacts, two 0-60V analogue, four external temperature inputs, pulse counting and serial port option.

Data alerts are then sent directly by radio frequency (RF) to the complementary SecureTrac communications unit or adapted to your RF specification for local telematics and in-cab options.



Satellite Feedback

- Wireless 2.4G Hz RF connection to SecureTrac satellite module.
- Self powered satellite communications link for sensor alerts and alarms



Door Sensor

- External magnetic or internal reed contacts.
- 0-4 minute arm/disarm delay function.
- Security tamper alarm.
- Multiple door inputs.
- Exit/entry log.



Temperature Sensor

- Up to 4 different temperature zones.
- External probe or internal sensor.
- -50°C to +120°C.
- Programmable threshold alerts.
- Temperature audit log.



RS232 Gateway

- Wireless connectivity for in-cab VMF or RF data transfer.
- 433/868 MHz receiver with RS232 output and programmable protocol



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