

SECURESEAL Seal RF



TECHNOLOGY + FLEXIBILITY

The SecureRF range comprises a range of wireless transmitters and receivers specifically designed for the logistic industry.

Engineered to incorporate the newest technology and flexibility, it offers a range of flexible sensors with self-powered transmitters and a range of receiving options for data collection.

SEAL RF: HOW IT WORKS

The Seal RF unit detects SecureSeal security seal opening and closing and sends a wireless message to the vehicle's telematics or gatehouse check system.

The data message contains the trailer identification, a covert seal number and optional alert for open or closed seal conditions. Each time the SecureSeal is opened or closed, the Seal RF provides the highest security level random number code and also sends wireless RF data to the in-cab telematics unit or the gatehouse check system.

TELEMATICS COMPATIBILITY?

The Seal RF product has evolved over years of specialist applications to provide the most accurate and reliable system of monitoring seal functions. It is **already integrated** with several telematics systems and gatehouse control systems worldwide. Unprecedented seamless data feed then provides simple connection to harmonise with any telematics or existing in-cab device.

ADVANCED WIRELESS SEAL MONITORING



BENEFITS OF THE WIRELESS SEAL RF

- Highest level of security seal available.
- World-renowned SecureSeal is used by the world's biggest retailers.
- Zero maintenance – no wiring to get damaged/ broken.
- Makes retro-fitting simple and cost-effective.
- Enables immediate exception reporting and alerts.
- Know when security is compromised outside permitted areas.
- Increases customer confidence.
- Real protection against cargo theft and suspect deliveries.
- Monitors seal for increased theft prevention.
- Protects income against stolen goods, insurance claims or reimbursements.

PROTECT YOUR CARGO WITH SECURESEAL SYSTEM'S SEAL RF



MAIN FEATURES

- Wireless 433/868MHz frequency
- Long range narrow band technology
- Immediate security signal when seal is opened
- Programmable transmission rates from 1 to 15 minutes
- SecureSeal made from 100% high-grade stainless steel
- Transmitter housed in robust moulded logistics grade casing
- Long life lithium battery (5-7 years)
- SecureSeal is accepted to Custom and Excise compliance level
- Quick installation
- Transmission distance of up to 400 metres
- Environmentally robust -25C to +55C
- Protection class IP 65

OTHER OPTIONS IN THE RF RANGE

BeaconRF is an ID beacon that sends a data packet with a unique trailer ID to the tractor unit enabling the driver to know the correct load has been picked up, or at gatehouse to monitor arrivals/departures and on-site inventory.

DoorRF is a wireless door sensor that transmits an alert or data packet when the door is opened or closed.

TempRF is a wireless temperature sensor that transmits temperature readings directly to the telematics unit in-cab or gatehouse receiver or to a stand-alone LCD display for a visual and audible alert. Available in a range of enclosures including food industry standard polypropylene moulded housing, it operates between -25° and 55°C.

ReceiverRF units are available in 433 or 868 MHz. When connected to a vehicle's in-cab system they receive data from the wireless sensors allowing the telematics to monitor the doors, temperature, security seal, etc. The receivers are available in an array of housings and supply options for any telematics or in-cab system. Generally in-cab options are preferred in a sturdy IP casing or simply as a PCB that can be embedded directly into a bespoke device. Available with various outputs including serial, USB, relay, etc.



TECHNICAL SPECIFICATIONS

Frequency:	433MHZ or 868MHz
Interval:	1-15 minutes
Operating range:	150-400 metres
Operating Temp:	-25°C to +55°C
Antenna:	Internal
Mounting:	Surface (on door interior)
Sealing:	IP65 rated
Battery Life:	5-7 years
Lower Power Radio:	100% EMC safe
Approvals:	ETS-300-220 compliant