



SENTRY FlightSafe™ - The Only Air Cargo Tracking and Monitoring Solution with Intelligent Radio Suppression

OnAsset's SENTRY FlightSafe is a wireless asset tracking and sensing device that monitors the temperature; pressure; humidity; shock & vibration, light; motion and the location of assets transported via air cargo, truck, rail, or intermodal freight. SENTRY FlightSafe is the first device platform available for all modes of transportation.

The FlightSafe technology is a patented feature unique to the SENTRY platform. Its combination of embedded sensors and advanced processor algorithms intelligently control its functions to comply with FAA regulations. Just as passengers are asked to turn off their cell phones prior to takeoff, FlightSafe does this automatically.

Fully Redundant Aircraft Detection Capabilities ensure the safe and guaranteed tracking of assets via air cargo.

SENTRY FlightSafe works seamlessly with OnAsset's Vision Software-as-a-Service platform, which provides secure access to manage the data sent from SENTRY units deployed in the field. SENTRY provides a wealth of data, and Vision helps companies interpret the data in a meaningful way, to improve operations in multi-modal, global supply chains.

The SENTRY FlightSafe is the industry's first and only multi-mode wireless device with automatic radio suppression that is compliant with all current FAA regulations. SENTRY FlightSafe's patented technology can:

- Detect operable aircraft
- Deactivate its radios (via redundant mechanisms)
- Continue to record sensor data locally, at user defined intervals during flight
- Autonomously re-enable its radios once the aircraft has landed
- Send the recorded sensor data once it is safe to do so

One Solution for the Air, Road, Rail and Ocean:

In today's global supply chain, getting from Point-A to Point-B involves multiple modes of transportation. SENTRY FlightSafe is the only asset tracking solution that can follow high value cargo anywhere in the world, regardless of how it gets there. SENTRY FlightSafe is particularly useful in tracking the movement of temperature-controlled pharmaceuticals, health and life sciences shipments, perishable items, or any high value cargo.

Numerous evaluations on SENTRY FlightSafe have been completed by the maintenance; flight operations; safety & hazardous materials; ground operations; and engineering teams of numerous commercial and cargo airlines.



SENTRY 400 FlightSafe
5 in x 3.8 in x 1 in
12oz

What They're Saying About SENTRY FlightSafe:

“ SENTRY provides a level of intelligence that no other asset tracking device can match. It features the widest array of sensors to track any condition, and its software interface makes it easy to analyze the data and turn it into actionable information. ”
 – Ray Flemming, President and CEO of Flemming Cargo Securement

“ Every few years a new technology comes along that revolutionizes the way we collect and process information. Today, ”
 OnAsset's SENTRY devices are fundamentally changing the way companies track and trace assets in their supply chain.
 – Frank Conde, Director of Communications and Special Projects, North America's Corridor Coalition, Inc.

Patents and Awards:

- U.S. Patent for “a method and apparatus provided for sensing a given situation such as the presence of operational aircraft.”
- Best of Show Award at TMC's ITEXPO 2011

SENTRY FlightSafe provides peace of mind, to protect high value shipments and streamline operations, using a single hardware platform that spans the sea, the ground, and the air. For more information on SENTRY FlightSafe, please visit www.onasset.com.

Features

Standard Sensor Options

- High accuracy GPS, AGPS
- Temperature
- Pressure
- Humidity (by request)
- Accelerometer (Tri-Axis)
- FlightSafe aircraft detection

Communication Options

- GSM: Quad-band GSM cellular

Batteries and Power

- High capacity rechargeable
- Lithium ion polymer battery
- Integrated power over USB charging
- 14 Wh and 70 Wh options

Processor

- Fully integrated DSP Microprocessor
- Low-power sleep modes
- Capability for running multi-threaded algorithms

Other Features

- Power-boosted GPS
- FIPS-140-2 Compliant
- Over-the-air (OTA) diagnostics and software upgrades

Expansion Capabilities

- 8 GPIO (analog or digital)
- SPI and IC expansion bus
- RS232 and USB remote terminal connections
- MMC memory slot (expand up to 8GB on-board memory)

Alarming & Notification

- On-board user-defined alarm rules with real-time forwarding via Email and text messaging.

Reporting Interval

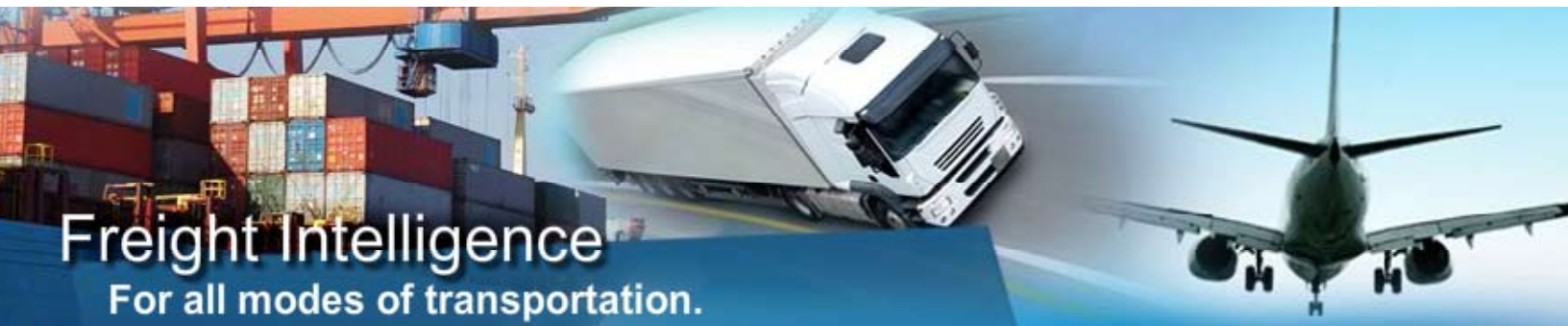
- User-defined reporting intervals with updates as quickly as every two minutes

Operational Temperature Range

- Active use: - 40° to + 85° C
- Charging: 0° to 35° C

Weight and Dimensions

- 128.75mm x 97.65 mm x 25.1 mm
- 12oz



Freight Intelligence
 For all modes of transportation.