

REFLINE

- Combined asset tracking and container monitoring
- Immediate alarm information from reefer container
- Elimination of cargo losses caused by reefer unit problems
- Full cold chain monitoring in combination with REFCON systems for ship and terminal monitoring
- Immediate access to container and tracking data through web server

Description

The RefLine consist of two modules, which can be used depending on the requirements:

RefLine tracking module:

The RefLine tracking module (ComPosIT) features a communication interface (GPRS / GSM), a GPS receiver, two analogue inputs, two digital inputs and two digital outputs. The tracking module can be configured specifically for a genset in order to monitor fuel consumption, battery voltage, oil pressure, running hours and other genset alarms. It is possible to set up alarm notification if genset is outside predefined areas (geofencing). The genset is monitored both at power on and power off conditions. The current and historically data are monitored via an Internet based system which interfaces to Google Earth for positioning information.

The tracking module interfaces directly with the new Thermo King SG+ Genset controller for extended genset condition information

RefLine Container module:

RefLine Container module is designed to locally monitor a maximum of 50 reefer containers equipped with ISO-10368-compatible RMM modems. It provides full alarms support for all major reefer containers and monitors setpoint, supply, return and USDA temperatures.

In case of alarm on a container, the RefLine container module submits an alarm message. This can be routed directly to the display of a mobile telephone.



Specifications:

RefLine Tracking module:

- In-built GPS
- GPRS data transfer via Quad band GSM 850/900/1800/1900
- 2 Analogue inputs
- 2 Digital inputs
- 2 Digital outputs (relays)
- Serial Interface to Thermo King SG+ genset controller

RefLine Container module:

- Power Line ISO 10368 standard
- Compatible with all brands of reefer containers Thermo King / Carrier / Daikin / Mitsubishi / StarCool