

SECURITYGUARD® HARDWARE SG500 SPECIFICATIONS

Trailer/Container Tracking and Management Devices

The SG500 is an industry-leading device that provides you with the highest level of functionality and capability in a ruggedized, weather resistant casing. This is a unit that is specifically designed for powered and non-powered assets. It continuously monitors the asset environment (vehicle, trailer or equipment) and responds instantly to pre-defined threshold conditions defined by you. Track and monitor location, time, date, motion, geo-zone, temperature, G-force or multiple other inputs or event combinations.

Key Features

- 7 individual configurable input/output channels
- High capacity for configurability/custom programming
- Geo-fence, geo-route and geo-zone functions
- Flexible communications platform (GSM/GPRS or CDMA)
- Stores messages outside of cell network coverage
- Dual modal coverage capability with satellite communications when out of cell coverage area
- Built in accelerometer for excellent power management and monitoring of high G-forces
- Optional internal battery to support trailer and non-powered asset applications
- Works well in exposed environments (outside cab installations)
- Internal temperature sensor
- Supports direct communication to the ThermoKing Ibox for multi-cone temperature monitoring on reefers
- Data is streamed directly into Safefreight servers so enhanced reporting and analysis services can be developed as required

Options

- Gel cell battery - charged via the ignition line on the device and can be optionally charged with a 12 Vdc lighter plug-in or wall adapter
- Special high gain external antennas

Example Sensor Options

- Ignition line (standard install)
- Door sensors
- PTO sensors
- External temperature sensors
- Work alone transmitter
- Third party alarm system tie-in
- Key fob/pager enabled security system



Power

12-30 V /or rechargeable 7.2V battery

Physical Specifications

Dimensions 6.75" x 4" x 2.25"
Operating Temperature -40°C - +30°C

Networks

| | |
|-----------|---|
| CDMA | TELUS, Bell, Aeris |
| GSM/GPRS | Kore, Rogers |
| Satellite | Orbcomm dual mode (combined with any of the cellular options or in satellite single mode) |
| Pending | Iridium (either single or dual mode), Kore CDMA (Verizon) GSM |

Temperature Management

Thermoking, Carrier

Warranty

- One (1) year parts and labour
- Extended Warranty also available



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