



The new container tracker from SilverStar - SST - 94, is a small, stand-alone tracking device for mobile assets without a power supply. Silverstar's SST - 94 keeps an eye over the container as it is moved from one location to another – regardless of the method of transportation or the distance covered. Continuous comprehensive tracking and information about mobile assets enable clients to achieve agreed-upon service levels and on-time delivery. The SST-94 device combines GPS technology with cellular communication to provide an accurate real-time location of the container. Our online portal gives access to reports on critical container data such as location, temperature(optional) or tampering(optional). With our container tracker, your asset is always visible all along the supply chain. It is a cost-effective all-in-one fleet management, communication, and security solution, suitable for all private or commercial applications.

### Features

- 12V/24V operation
- Embedded GSM and GPS antennas for easy installation
- Quad band modem 900/1800/850/1900
- Geo-Fence management and alert
- Self-tracking mode
- Text alerts
- Low power consumption (Standby <300µA)
- Heavy duty magnets for fast installation (optional)
- Cellular jamming detection with text alert feature
- Home/Roaming management
- Trailer identification feature (optional, using Trailer ID solution)
- Integrated 3D accelerometer and shock sensor allowing the device to report upon, detecting motion movement in order to enhance battery life and efficiency
- Over-The-Air configuration abilities for:
  - Rules
  - Geo-fencing
  - Reporting intervals
  - Firmware updates

### Technical Specifications

|          |                       |  |
|----------|-----------------------|--|
| Hardware | Casing                | Automotive grated, UV resistant, non-flammable fibre glass-reinforced IP68 certified |
|          | Dimensions and weight | 70 x 52.5 x 20.6 mm and 118gm  |
|          | Wire Harness          | 1m   |
| Power    | Main Source           | Roadworthy 10.8 VDC ~ 42.0 VDC<br>ISO-7637-2:2011                                    |
|          | Alternate Source      | Li-ion 3.15 Wh backup battery  |

|            |                           |  |
|------------|---------------------------|--|
|            | Average Power consumption | 3G Normal operation: 1.2 W                                   |
| Tracking   | GNSS                      | 72 channel GNSS engine , GLONASS                             |
|            | A-GPS                     | Online / Offline / autonomous                                |
|            | Accuracy                  | Position 2.5m  |
|            | Sensitivity               | Cold Start: -148 dbm   |
|            | Acquisition               | Cold Start: 28s<br>Tracking: -164 dbm                        |
|            | Limits                    | Velocity: 500 m/s<br>Altitude: 50,000 m<br>Update rate: 1 Hz |
|            | Protocols                 | NMEA   |
| Interfaces | SIM Interface             | 2FF SIM 1.8 V / 3.0 V*2 or<br>Factory-fitted MFF SIM*2       |
|            | Cellular and GNSS antenna | Internal   |
|            | Internet                  | TCP / UDP / HTTP / SMTP                                      |
|            | RS 232                    | V.24 levels on 2 wires                                       |
|            | Analogue input            | Maximum 32 V DC  |
|            | Digital I/O               | Ignition sensing and open Collector                          |
|            | 1-wire interface          | 3.3 VDC for temperature, humidity sensor or driver ID        |
|            | Multi power saving mode   | Present  |
|            | Accelerometer             | Internal 3-axis  |
|            | LED's                     | Configurable   |

## Advantages

- Indestructible power section.
- Dual SIM
- Powerful scripting language.
- IP68 Waterproof & Dust proof.