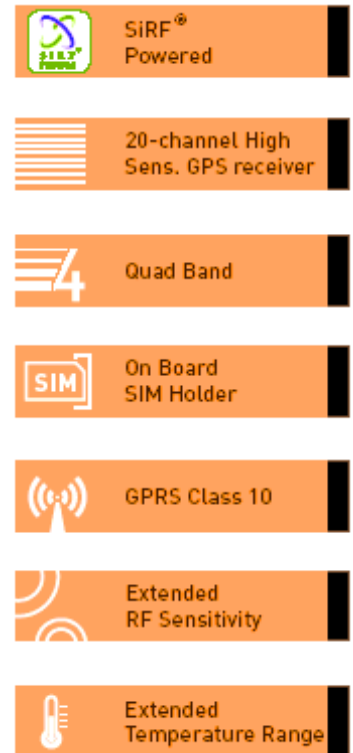


*syntrac* **X**<sup>TM</sup>

**VEHICLE TRACKING SYSTEM**

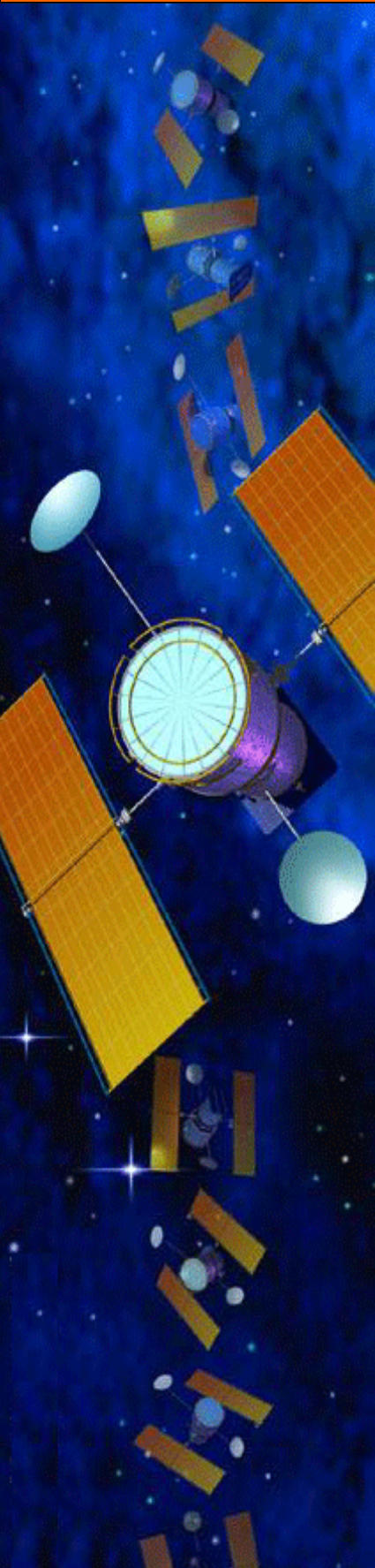
**ST268 PRODUCT BROCHURE**

synTracX™ **ST268** is the next generation Vehicle Tracking System from syntecX. It employs the world's most modern technologies to track and report the position of vehicles, making it the most cost-effective and reliable solution for your tracking needs. Equipped to fulfill the latest demands of the tracking industry and lower operating costs, synTracX is the ultimate choice for Tracking System Operators. **ST268** operates in extreme environmental conditions. A long endurance backup battery makes it tamper-proof in terms of power and rugged housing makes it robust and reliable for use in all sorts of vehicles. Large memory enables it to store trip and other information for longer periods. **ST268** is GPRS-ready which means it can transmit large volume of data over the network. Voice communication and Plug n Play camera interface makes **ST268** stand out in other devices of its class. Quad band GSM core enables it to operate in any and all GSM networks worldwide.



## Features

- **Quad band EGSM**  
Compatible with all GSM networks worldwide.
- **High sensitivity GPS receiver**  
20-Channel Scanning GPS that works in most conditions.
- **Economical SMS reporting**  
Up to 6 reports per sms
- **Large Memory**  
Up to 100,000 position reports storage
- **GPRS-Ready**  
High Speed data transfer at 48kbps
- **Motion Sensing**  
Vehicle Moving/Stationary detection and recording
- **Engine Life Timer**  
Engine ignition detection and life timer recording (Optional)
- **Voice Communication**  
Eavesdropping through microphone interface.
- **13 Input/Output Ports**  
13 configurable digital input/output ports, suitable for sensors/alarms and actuation.
- **Camera-ready**  
Can be interfaced with a digital camera to capture live shots from the vehicle
- **Radial/Spatial Geo-Fence**  
Radial, Rectangular and Path-oriented Geo-fencing feature, with built-in violation disabling feature.
- **Backup battery**  
6~12 hours backup battery for operation even after external power disconnection.
- **Extreme conditions operation**  
Extended temperature rating; (-30 ~ +80 °C)



## Specifications

### GSM

Quad-band 850/900/1800/1900 MHz Operation  
Compatible with all the GSM networks worldwide

### GPRS

GPRS Class 10 (48kbps) High speed data transfer

### GPS

SiRF 20-Channel high sensitivity receiver  
Gain up to -159db for indoors reception

### Voice

Analog Audio  
(Balanced/Unbalanced)  
Emergency Call  
Telephony

### Camera

Plug n Play Camera Interface

### Additional Features

Call Forwarding  
CLI recording  
Fixed Dialing Numbers  
Jamming Detection and Report  
Real-Time Clock  
(For maintaining time even if GPS is not acquired)  
SIM Phonebook

### Interfaces

13 pin digital I/O  
Active low sensors or digital outputs with max sink current of 180mA

1x Serial RS-232 Interface for device programming.

1x Serial Interface for GPS output

1x A/D converter with buzzer output.

### Supply Voltage

12~30 VDC

### Internal Battery

Li Ion 1250 mAh battery with backup time of approx 6~12 Hours

### Operating Temperature

The system Operating temperature is -30 ~ +80 °C

### Dimensions

50x110x30 mm

### Weight

170 grams approx.

### Approvals

Communication module approved with CE, GCF, FCC and IC

### Contact us at

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