






# SATELLITE VEHICLE TRACKER

*A compact tracking device which  
utilises the Iridium network.*

-  Panic alarm
-  AES-256
-  Global coverage
-  Motion sensor
-  Low power consumption



TrackIT

Satellite Vehicle Tracker

## OVERVIEW

The Vehicle Tracker is a pocket-sized, low-cost Iridium/GSM tracker. It can be programmed to automatically switch between the Iridium and cellular networks based on a pre-defined set of conditions

The device can send either standard or 256-bit encrypted GPS reports at pre-programmed intervals ranging from continuous reporting to just once every seven days. This interval can be changed remotely while the unit is in the field

## PANIC ALARM

The unit comprises of an external panic button which can be found and activated by sliding the protective cover. These panic alerts immediately show on the TrackIT panel and relevant users are automatically informed via text message and / or email

## POWER

The unit is designed with efficiency in mind and its power consumption is less than 65µA inbetween reports at 5V

## INTEGRATION

The Satellite Vehicle Tracker works seamlessly with the TrackIT panel, providing regular reports

## KEY FEATURES

- Internal motion sensor
- Programmed for either commercial or DoD gateway
- On-board geo-fencing with ability to load various shapes
- GPS sensitivity of -160dBm

## SPECIFICATIONS

Dimensions: 77mm x 67mm x 22mm  
Weight: 181g  
Input Voltage: 4V to 5.3V or 6V to 32V  
Avg Current (Report): 200µA at 5V input  
Avg Current (Sleep): <65µA at 5V input  
I/O Interface: 15 pin D-Sub  
Antenna Interface: SMA Female  
Software Interface: AT commands through serial  
Operating Temperature: -40°C to +85°C  
Operating Humidity: < 75% RH  
Iridium Frequency: 1616 to 1626.5MHz  
GSM Frequency: 850/900/1800/1900MHz  
GPS Frequency: 1575.42MHz (L1 carrier)



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