



Smart VT310 Vehicle cellular Tracker - marketing specifications

The Smart VT310 is the optimal solution for those who are seeking remote tracking and monitoring of their assets. Specifically designed for operating with the cellular messaging network, the Smart VT310 is limited to areas covered by cellular networks.



VT310 is a GPS/GSM/GPRS tracking device which is specially developed and designed for vehicle real-time tracking and security. With superior GPS and GPRS modules, VT310 has good sensitivity and stable performance. It can get accurate GPS fix even in remote places.

Main Features:

Tracking via SMS or GPRS (TCP/UDP)

Current location report

Tracking by time interval

Position logging capacity up to 260,000+ waypoints

Store in GPS blind area & forward when GPRS re-establish

Built-in motion sensor for power saving

SOS panic button

Geo-fencing control

Low battery alert

Speeding alert

Engine Cut

Alert when VT310 enters/exits GPS blind area

Alert when VT310 is turned on

I/O: 5 digital inputs, 3 negative and 2 positive triggering; 5 outputs.

Analog Input: 2 10 bits resolution analog inputs

Confidential information of Satellite Smart Solutions, Ltd.

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Smart VT310 – GPRS Solutions

- *Anti-Theft: Connect to a vehicle's intrusion sensor; automatically sends alert*
- *Remote Monitoring: Connect to a vehicle's sensors for monitoring systems remotely*
- *Single mode – Cellular only*
- *Navigational Services:*
 - *Track vehicle on demand from SatSmart's web site*
 - *Receive automatic alerts if vehicle is off course*
 - *View vehicle position on a variety of digital maps*

Smart VT310 Specification

Power Supply	+9V - +35V / 1.5A
Backup Battery	900mAh
Dimension	104mm x 62mm x 24mm
Installation Dimension	104mm x 83mm x 24mm
Weight	150g
Operating temperature	-20° to 55° C
Humidity	5% to 95% Non-condensing
Frequency	GSM 900/1800/1900Mhz or GSM 850/900/1800/1900Mhz
GPS Module	latest GPS SIRF-Star III chipset
GPS Sensitivity	-158Db
GPS Frequency	L1, 1575.42 MHz
C/A Code	1.023 MHz chip rate
Channels	20 channel all-in-view tracking
Position Accuracy	10 meters, 2D RMS
Velocity Accuracy	0.1 m/s
Time Accuracy	1 us synchronized to GPS time
Default datum	WGS-84
Reacquisition	0.1 sec., average
Hot start	1 sec., average
Warm start	38 sec., average
Cold start	42 sec., average
Altitude Limit	18,000 meters (60,000 feet) max.
Velocity Limit	515 meters/second (1000 knots) max.
LED	2 LED lights to show GPS/GSM working status.
Flash Memory	8MB
Interface	5 digital inputs, 3 negative and 2 positive triggering; 2 analog inputs; 5 outputs.

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Hardware Content

- *SmartVT310 Main Unit*
- *GPS Antenna*
- *GSM Antenna*
- *Wires*

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