

## Introduction

GPS is a satellite navigation system that furnishes location and time information in all climate condition to the user. GPS is used for navigation in planes, ships, cars, and trucks also. The system gives critical abilities to military and civilian User around the globe. GPS provides continuous real-time, 3-dimensional positioning, navigation and timing worldwide.

## Features

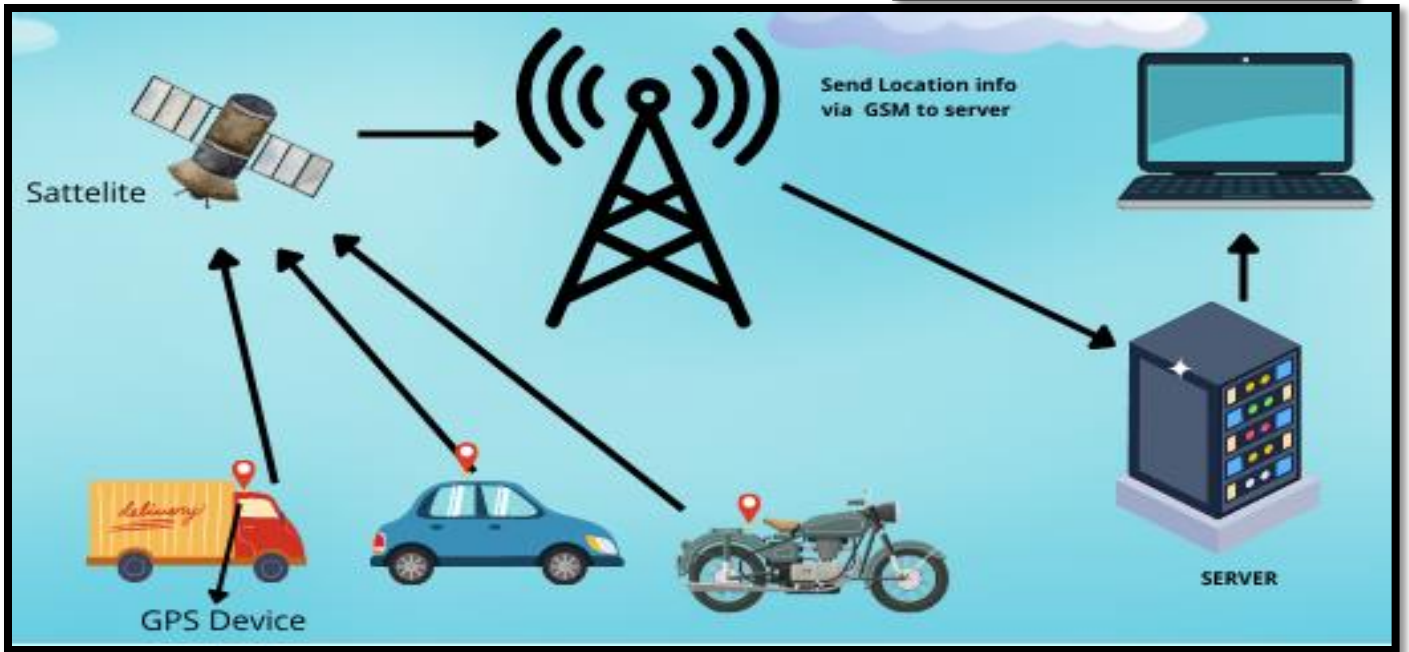
- Smart GPS device is fixed in vehicles for tracking live location with live speed.
- This device will automatically push encrypted data into a secure server.
- LED indicator: - GPS, GSM & Power.

- Alert/regular SMS or email can be sent to Tracking collection team.
- IP65 enclosure to sustain in harsh environment.
- Vehicles number with geo location can be sent to server on Real-time basis.
- Device able to communicate over GSM 2G technology.

## Uses

GPS tracking devices are simple to use, and their installation is an even simpler process. Apart from opting for a wireless GPS tracker, there are ones that can be embedded into the vehicle in the OBD port with a power backup, or can also be integrated with the vehicle's battery.





### Technical Specifications:

S#	Parameter	Value
A	<b>General</b>	
1	Channels	Min 20 channels
2	Altitude	Max 18500 feet above MSL
3	GPS Sensitivity	-159 dBm
4	Acquisition Sensitivity	-144 dBm

5	Position Accuracy	10M
6	Cold Start	< 35 sec
7	Warm Start	< 28 sec
8	Hot Start	1 sec
9	External Fuse	Protection Required
10	Digital Input	Min 3
11	Digital Output	Min 1
12	Analog Input	Min 1
12	Flash Memory	To hold minimum 25000 Data
13	Panic Bottom	Yes
14	Gyroscope	Yes
<b>B</b>	<b>Temperature &amp; Humidity</b>	
1	Operation Temperature	-25°C-60°C
2	Humidity	5%-95%
3	Casing Tampering	Alert on Open
<b>C</b>	<b>Network</b>	
1	GSM Frequency	900/1900MHz (Dual band)
2	Antenna	Inbuild
3	GPRS	Class 10
4	Configuration	Over SMS and PC Connection
5	Data Transmit	TCP, SMS
<b>D</b>	<b>Power</b>	
1	Backup Battery	450mAh / 3.7V
2	Stand By Time	160 Hours
<b>E</b>	<b>Physical</b>	
1	Dimension	106(L) x 54(W) x 16(H) mm
2	Weight	96g

3	Indicators	2 LED
4	Accelerometer	Required
<b>F</b>	<b>Certification</b>	
1	Product Certificate	CE,ROHS
2	Enclosure	IP67 Minimum