

GSM Quad Band GPS Tracker

GT510 Series

- **GSM quad-band frequency**
- **Built-in antenna**
- **Real time tracking by
SMS/GPRS**
- **Multiple alarms**
- **Backup battery**



Ascent's GT510 GPS Tracker uses existing GSM/GPRS network and GPS satellites to locate and monitor remote targets via SMS, APP, and the internet. It utilizes GPS and AGPS dual positioning technology to maintain accurate and up-to-date information of the vehicle or subject position.

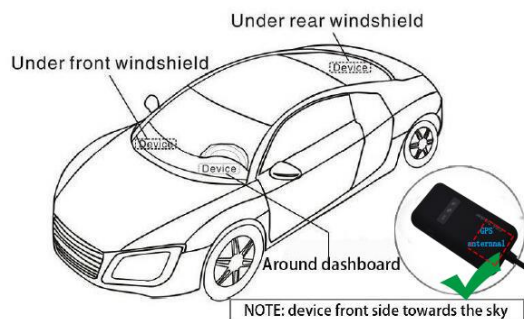
GT510 features a number of feature alarms which can be customized by user to send notification when the vehicle has been turned on, is moving, and more. This allows the user to be notified at the first opportunity in cases of vehicle theft.

With its positional tracking/monitoring capabilities and safety alarm features, GT510 is suitable for use in cars, trucks, boats, and other vehicles.

Key Features

- GSM quad-band frequency
- Real-time tracking by SMS/GPRS
- Speed alarm
- Movement alarm
- Geo-fence alarm
- Built-in backup battery for power failure alarm
- Optional ACC ignition and flame out notification
- Optional vehicle oil or circuit alarm
- Optional smart sleep save power mode
- Optional AGPS function, receives GPS signals faster
- Optional built-in storage memory

Application Diagram



Specifications

Item	Description
Network	GSM/GPRS
Band	850/900/1800/1900 MHz
GPS Sensitivity	-159 dBm
GPS Accuracy	5 m
Voltage	12 V _{DC} - 36 V _{DC}
Time to First Fix	Cold status 45s
	Warm status 35s
	Hot status 1s
Storage Temperature	-40 °C to +85 °C
Operation Temperature	-20 °C to +55 °C
Humidity	5% to 95% RH (non-condensing)
Dimensions	90 mm × 45 mm × 16 mm
Weight	46 g

Ordering Information

Model	Description
GT510-GSM-01	GPS tracker. GSM/GPRS network. Quad-band frequency.

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