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GPS-receiver for WiPro GSM-module

! compatible with GSM-module serial number from 30-xxxxx !

Installation and operation manual



With a GPS receiver connected, the GSM module will transmit the actual position, heading and speed in case the car's speed exceeds 30km/h. The status report, which will be sent on request, also contains this information. When an alarm is triggered, the position report will be transmitted once. If more than one message is necessary, a status report can be requested as many times as needed. Having this information, the vehicle can easily be located, by using 'Google Earth' or other Internet services.

Mounting:

The receiver should be placed underneath the dashboard cover, to prevent the unit from being sabotaged. Please ensure the function of the GPS module by requesting a status report, before the unit is finally mounted with the self adhesive side facing upwards. (towards the satellites) The surface must be clean, dry and free from fat.

Interconnection: GPS receiver

brown
white
yellow
green

GSM module

brown (GND)
white (+12 V)
yellow (remote signal GPS)
green (GPS data)

Commissioning:

When ever the GPS module is without power for more than approx. 5 minutes, the receiver performs a cold start, which might result in a delay of 120sec. before providing a valid position. After such a cold start, wait for at least 130 sec. before requesting a status report by calling the GSM module. The GSM module will pick up, instantaneously hang up and than transmit the status report containing the position, heading and speed.

The GPS data will be displayed below the normal status data from the GSM Module. Below you will find the explanation of this data.

Pos: xx xx.xxN xx xx.xxO *coordinates (longitude, latitude)*
HDG: xxx *Heading*
SOG: xxx *Speed over ground in km/h*

Technical specifications:

supply voltage: 12VDC
current consumption: ca. 4mA (sleep mode)
ca. 105mA (cold start)
ca. 5mA (normal operation)
weight: ca. 60g

Parts of selivery:

GPS-receiver, manual

Important information:

The user takes full responsibility for the intended use of this equipment and has to take care, that no harms, injuries or material damages arise because of disregarding the rules and guidelines provided in this manual.