

GPS tracker AVT-200

The AVT-200 is a Mini GPS tracker designed for a wide range of vehicle tracking application. It's internal GPS antenna has superior sensitivity and fast time to be located. It's 4G and Quad Band GSM system supports both 4G and 2G network allowing the AVT-200's location to be monitored in real time or periodically tracked by a backend server and mobile devices.



Technician parameter

Name	Parameter			
Gift Box Dimension	130*98*40mm			
Color	Black			
Working voltage	9V – 90 V DC			
Working current	60-80 mA (12V/DC)			
Back-up battery	Built-in			
Tracker size	95*40*14 mm			
Weight	Tracker weight	0.05kg	Total packet	0.08kg
Working temperature	-45°C -- 85°C			
Moisture	5% -- 95% (Non-water vapor condensation state)			
4G& GSM Frequency	850MHz/1900 MHz Quad-band LTE-FDD B2/B4/B5/B66			
GPS Sensitivity	-159Db			
GPS Frequency	1575.42 MHz			

Receiving panel structure	GPS module 96-channel
Locating accuracy	< 2.5m CEP (95%)
Cold start time	< 35s(in average)
hot start time	< 1s (in average)
LED indicator light	usage of green / red dual-color LED indicator light shows the GPS / network status
4G/GSM & GNSS Chipset	SIMCOM LTE Cat 1 Module (Industry M2M modem)

Input and Output:

Waterproof housing , Ignition ON/OFF Detection,

Support firmware updated by air (OTA), mini-USB port for data reading and configure;

support GPRS blank area data record and re-upload



FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF exposure statement:

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance between 20cm the radiator your body.