

Smart GPS/GSM Tracker

**Support GSM
850/900/1800/1900 MHZ**

**RoHS
COMPLIANT**

CE FC

AVT-2000 Series

AVT-2000 Series is a smart and reliable GPS/GSM/GPRS vehicle tracking device which is developed and designed for vehicle real-time tracking and monitoring use. AVT2000 is suitable for many applications such as vehicle security, asset/fleet management etc.

With the superior sensitivity GPS module on board, the AVT2000 can easily get a fix even in urban canyon condition. The AVT2000 GPS vehicle tracking device, the best choice to your location based requirements



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Main Features

AVT2000A

1. Get current location
2. Tracking (by time interval, distance interval or smart mode)
3. Journey logging up to 100,000+ locations
4. Emergency alert
5. Geo-fencing control
6. Mileage report
7. Power low/lost alert
8. Battery power low alert
9. Power management
10. Towing alert
11. Speeding alert
12. Voice communication
13. Wiretapping
14. SIM PIN code configurable
15. Self-defined reports
16. GSM/GPRS simultaneously
17. Parameter set up over the air
18. Firmware upgrading over the air

Specification

1. GPS: SiRF Star III, 20 channels
2. GSM: Siemens MC55/56 (supports 850/900/1800/1900 MHz)
3. Voice, CS Data, SMS, GPRS UDP/TCP
4. Serial port: 1 mini-USB, 1 RS232 (Baud rate: 115,200bps)
5. Power source: 8-35V DC
6. Power consumption: < 55mA @ 12V DC in normal operation
7. I/O port:
 - ① digital input ports, 2 negative and 2 positive triggering (include 2 analog inputs)
 - ② digital output ports, 4 negative triggering
8. Built-in 3D G-sensor
9. Built-in 4MB flash memory
10. Back-up battery: Li-ion 950mA/h
11. Operation Temperature: -20° to +80°C (w/o battery equipped)

Smart GPS/GSM Tracker

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Main Features

AVT2000B

1. Tracking (by time interval, distance interval or smart mode)
2. Journey logging up to 100,000+ waypoints
3. Geo fencing report
4. Mileage report
5. Self defined events report
6. Emergency alert
7. Speeding alert
8. Towing alert
9. Power low/lost alert
10. Power Management
11. Password setting
12. SIM pin code setting
13. GSM/GPRS communication simultaneously
14. Device configuration over the air
15. Firmware upgrading over the air

Specification

1. Dimension: 60(W) x 27(H) x 77(D) (mm), Weight: 110g
2. GPS with 20 channels or above high sensitivity GPS receiver
3. GSM 850/900/1800/1900 MHz frequency, SMS, GPRS UDP/TCP
4. Power source: DC 8-35V
5. Back-up battery: 950mA, 3.7V
6. Power consumption:
 - ① < 55 mA @ DC 12V (GPS on, GSM on, GPRS connected)
 - ② <20 mA @ DC 12V in power saving mode (GPS off, GSM in standby mode)
 - ③ < 8 mA @ DC 12V (GPS off, GSM off, 3D G/I/O sensors on)
7. Serial port: 1 mini-USB, for data exchanging or back-up battery charging
8. Input port: 4 digital input ports, with 2 positive triggering, 2 negative triggering
9. Output port: 4 digital output ports, with 4 negative triggering
10. Memory: Built-in 4MB flash memory
11. Built-in 3D G sensor
12. Operation temperature: -20C to +80C (w/o battery equipped)