

GPS/GSM TRACKER

AVT-3000



High Performance Personal Locator

About the device

The AVT-3000 GPS/GSM Tracker is a vehicle remote position device with build-in GPS and GSM/GPRS modules. It is a small size, high accuracy remote location tracking device. Based on GPS satellite, it provides accurate position information under dynamic conditions. Personal remote position device transmit the longitude and latitude coordinate to server or authorized cell phone.

Features & Functions

1. Build-in GPS Vehicles locator
2. Support 4-frequency GSM 900/1800 /850/1900MHz. , Works worldwide !
3. High sensitivity, new technology and latest GPS chipset!
4. Excellent for fixing the position even at a weak signal status.
5. Work well even in areas with limited sky view like urban canyons.
6. Very Low power consumption
7. Fast Signal Acquisition
8. Support single location and continuous tracking
9. Support alarm
- 10.Support quick dialing buttons for 3 preset phone number
- 11.Support check location by SMS and Internet
- 12.Locate the locator holder by the mobile phone via SMS
- 13.SOS button send out exact location for immediate rescue/action.
- 14.Lead leads to a total of 4 lines, were red: +12 V power supply blue: GND between yellow line and blue line connect
- 15.external SOS but on green: the line of control cut off oil, output cut off oil signal for DC2.8V, the maximum current for 2mA.

Specifications:

GSM module	MTK program, GSM 900/1800/850/1900 dual-band or quad-band Support the TCP protocol
GPS Chipset	SIRF-Star III chipset
GPS sensitivity	-159dB
C/A Code	1.023MHz chip rate
Channels	20 channel all-in-view tracking
GPS frequency	L1,1575.42MHz
GPS Position Accuracy	10 meters, 2D RMS
GSM Position Accuracy	Later will realize
Velocity Accuracy	0.1m/s
Time Accuracy	Synchronized to GPS time
Default datum	WGS-84
Hot start	1sec.,average
Warm start	38sec.,average
Altitude Limit	18,000 meters (60,000feet) max.
Velocity Limit	515 meters/second (1000knots) max.
Acceleration Limit	Less than 4g
Operating temperature	-20°C – 65°C
Humidity	5%To 95% Non-condensing
Dimension	88mm×46mm×18mm
Voltage	12V Average Current When stand-by <84mA
Out set SOS Key	One SOS emergency key: for urgent call

