



AT5i GPRS GPS Vehicle Telematics Device

The ATrack AT5i is a versatile multifunctional tracking device, providing you with the most reliable up to date tracing information of your vehicle's current position or movement status via GPRS network. Furthermore, vehicle tracking can also be combined with a variety of customized events based on your needs. In addition, the AT5i supports a wide range of hardware applications as it features multiple Digital and Analog I/O ports.



Product Feature:

- AES-128 data encryption
- Data communication via SMS/USSD/GPRS(TCP/UDP)
- GPS antenna tamper detection & report
- Built-in 3-axis G-sensor
- Vehicle Speed Sensor (VSS) supported
- Firmware over the air (FOTA) upgrade via the FTP protocol.
- Configurable Real Time Tracking & Logging
- 64 user defined geo-fences in circular, rectangular and polygonal shapes
- Roaming preference settings
- Harsh driving behavior events
- Configurable power management
- Max. 140,000 log and 21,000 queue messages
- 2 way voice communication & wire-tap
- 1-Wire[®] iButton[®] for driver identification
- 1-Wire[®] temperature sensor supported
- Support Garmin[®] FMI 2.0 and above
- Intelligent event control engine



GPS Tracker is supposed to be this stable.



AT5i Hardware Specification:

Model Number	AT5i
Dimensions (L x W x H)	100 x 65 x 26 mm
Weight	155g
Housing	Aluminum alloy
Operating Temperature	-30°C ~ +80°C
Electrical Characteristics	
Power Supply	8V ~ 40V DC (±20%)
Current Consumption	Operating : 80mA@12V, Deep Sleep Mode 4mA@12V
Backup Battery	Internal 3.7V 900mAh rechargeable Li-ion battery
Cellular Network Communication	
GSM/GPRS	Quad-Band 850/900/1800/1900MHz
Cellular Antenna	External Cellular antenna
SIM Card	1.8V/3V Mini SIM(2FF)
GPS	
Receiver	66 Acquisition Channels, L1 Band, C/A Code, -165dBm sensitivity
Accuracy	3.0m CEP50 without SA
Data Acquisition Rate	1Hz
GPS Antenna	External GPS active antenna
GPS Data Buffer Capacity	8 MB
Accelerometer	
3-Axis	Z,X,Y
Resolution	±16g, 400Hz
Interface/Input /Output	
ACC Input	1 Positive Triggered
Digital Input	2 Positive, 3 Negative Triggered
Digital Output	3 Open-Collect Output (Max. sink current 300mA _{MAX})
Analog Input	2 (0 ~ 40VDC/0 ~ 5VDC, 12 bits resolution)
Digital Output/Analog Input	This port may be configured as a digital output or analog input
1-Wire Interface®	Supported up to 1 iButton® and 4 temperature sensors
Buzzer Output	1
RS-232 Interface	1 (Configurable Baud Rate 1200bps~115200bps)
Audio Interface	1 (Speaker and Microphone)
Certification	
CE	Yes
FCC	Yes
PTCRB	Yes
e Mark	Yes
RoHS Compliant	Yes

*Specifications are subject to change without prior notice