

# Prime AT (VL1000) GPS Tracker



VL1000 is a powerful GPS Locator with mini size, light weight, superior sensitive receiving ability, fast TTFF, high accuracy, and low power consumption. The VL1000 has two press buttons, one for the SOS and another for power on/off. Its location can be real time tracked through internet or specified terminals. User can communicate with the service provider through GPRS/GSM network, transfer information of Emergency, Geo-Fence, Remote Control, Motion Detection, Freefall Detection, Ignition Detection, Over Speed Detection, Super Sleep mode and Lower power detection.

VL1000 is designed for many applications, such as vehicle location, human body or pets tracking.

## Function Quick Overview



Quad band GSM/GPRS



Real time GPS



Emergency SOS



3D motion/freefall detect



Geo-Fence



Ignition Detect



Low Voltage detect



Scheduled Timing Report

Main Function	<div><div><div>➤ Scheduled Timing Report</div><div>➤ Geo-Fence Alarm</div><div>➤ Low Voltage Alarm</div><div>➤ Emergency Alarm (SOS)</div></div><div><div>➤ Remote Control Alarm</div><div>➤ Motion Detect</div><div>➤ Freefall Detect</div><div>➤ Ignition Detect</div></div></div>		
GSM/GPRS Function	Frequency & Power	Packet Data	GSM SMS
	<div><div>•850/900/1800/1900MHz</div><div>•Complied with GSM phase 2/2+ Class 4 (2 W @850/900 MHz)</div><div>Class 1 (1 W @1800/1900MHz)</div></div>	<div><div>•GPRS multi-slot class 10/8</div><div>•GPRS mobile station class B</div><div>•Coding schemes: CS1~CS4</div><div>•Package channel: PBCCH</div></div>	<div><div>•Point to point MO and MT</div><div>•SMS cell broadcast</div><div>•Text and PDU mode</div></div>
GPS Function	GPS	A-GPS	SBAS
	<div><div>•TTFF: Cold 32s(Typical) Hot 1s (Typical)</div><div>•Position Accuracy: &lt;3m</div><div>•Sensitivity: Tracking -161dBm Cold -147dBm</div></div>	<div><div>•TTFF: UBlox AssistNow Cold 20s (Typical) Hot 0.6s(Typical)</div></div>	<div><div>•WAAS, EGNOS, MSAS</div><div>•Position Accuracy: &lt;2.5m</div></div>
Others	General Speciality	Soft Speciality	Interface
	<div><div>•Dimension: 46mm*23mm*73mm</div><div>•Operation: -20°C~+60°C</div><div>•Water Resistance: IP65</div><div>•Low power consumption</div><div>•Internal Batery: 1300mAh, 3.7V 5min/circle 100H~150H 10min/circle 160H~200H Sleep mode 350H</div><div>•External Power: AC/DC adapter, vehicle battery</div></div>	<div><div>•Embedded TCP/UDP protocol</div><div>•FW Update: FOTA &amp; mini USB (UART)</div><div>•Configuration: mini USB(UART)</div><div>•10K GPS Position buffer</div><div>•500 event buffer</div></div>	<div><div>•LED: GSM, GPS, Power</div><div>•Key: Power, SOS</div><div>•I/O: mini USB</div><div>•Antenna: internal</div></div>