









JM-VG01U INS-aided GPS Tracker

The JM-VG01U is an advanced vehicle tracking device with great analytical capacity. With a 3-axis accelerometer and 3-axis gyroscope, it can detect 8 types of improper driving behaviors. Automatic computing based on an algorithm ensures the vehicle location even in non-GPS area. Its flexible and improved alert system increases safety and security while effectively reducing false alerts ratio.



-  **GPS+INS tracking system**
-  **Driving behavior analysis (8 types)**
-  **Mileage error <2%**
-  **Ignition detection**
-  **Remote cut-off (optional)**
-  **Flexible installation**
-  **Panic button (optional)**
-  **Multiple alerts**

Market Applications



Auto Insurance(UBI)



Auto Finance



Fleet management

Parameters

GSM frequency	850/1900MHz (VG01U-A)	900/1800MHz (VG01U-E)
Chipset	GPS+INS (Inertial navigation system)	
RF Channel	GPS + Glonass	
Location accuracy	<=3 meters	
Antenna	Built-in GPS ceramic antenna; GSM quad-band antenna	
LED indicator	GPS(blue), GSM(green), Power(red)	
Battery	450mAh/3.7V Li-Polymer battery	
Working voltage/current	9-36VDC/38mA(12VDC)	
Battery standby time(GPS sleep)	28 hours	
Battery run-time	1.5 hours	
Operating temperature	-20°C~+70°C	
IP grade	IP65	
Weight	63g	
Dimension	80.0*67.0*16.0mm	