

## JM-VG01U INS-aided GPS Tracker

JM-VG01U, pioneering INS (Inertial navigation system) into a compact GPS tracking device, enabled faster access to location and position availability in weak GPS signal area, e.g. underpass, downtown, tunnel. Its embedded algorithm allows managers or insurance providers to capture detailed driver behaviors.



**Faster Access to Location**



**Position Availability in Weak GPS Area**



**Direct Mounting to Battery**



**Driver Behavior Monitoring**

### Market Applications



Auto Insurance(UBI)



Downtown Transportation



Official Vehicle

### Parameters

GSM frequency	850/900/1800/1900MHz
GPS chipset	GPS+INS (Inertial navigation system)
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
Weight	63g
Dimension	80.0*67.0*16.0mm