Guangzhou Lotim Technology Co., Ltd.

4G Vehicle GPS Tracker

Model: LCV07

Network revolution started years ago, GPS trackers as an IoT connector, many of them stay in 2G or 3G communication still. Well, it is time for us to move forward with carries and regulations. LCV07 supporting both FDD/TDD format LTE CAT 1 and 2G network, becomes the best choice to take retired unit's place, due to its useful features such as small design, 4 pin cables, built-in battery and 9V~90 wide range power input, and so on.

MARKET APPLICATIONS

Ships Monitoring

Delivery Trucks

Two-Wheelers

Taxis

MAIN FEATURES

High Senstivity Chipset

ACC Detection & Alarms

Wide-range Power Input 9V ~ 90V

Multiple Alerts
Tow/engine status changing/vibration/low battery/overspeed/external power removed alerts, etc

Remote Engine Shutdown / Restore

External Voltage Reporting

Compact Size, Bult-in Battery

OTA Supported

Auto-Defensing

UBI Driver Behavior Detection

GSM SPECIFICATIONS

GSM frequency	4G CAT-1 network FDD: B1/B3/B5/B7/B8/B20, TDD: B34/B38/B39/B40/B41 2G GSM: 900/1800Mhz
GPRS	Class 12, TCP/IP
Internal memory	8MB
Phase error	RMSPE<5,PPE<20
Max output	GPRS: Max 85.6Kbps(DL) / Max 85.6Kbps(UL) FDD-LTE: non-CA Cat1, Max 10Mbps(DL)/Max 5Mbps(UL) TDD-LTE: non-CA Cat1, Max 8Mbps(DL)/Max 2Mbps(UL)
Max frequency error	±0.1ppm
Receive sensitivity	Class Ⅱ RBER2%(-102dBm)

GPS SPECIFICATIONS

Chipset	SIMCOM
RF Channel	GPS + BDS
Location accuracy	<=5 meters
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTFF (open sky)	Avg. hot start≤1sec Avg. cold start≤32sec

OTHERS

LED indicator	GPS(blue), GSM(green), Power(red)
Battery	55mAh/3.7V Li-Polymer battery
Working voltage/current	9-90VDC/38mA(12VDC)
Standby time	10 hours
Working time	1 hours
Operating temperature	-20°C～ 70°C
Sensor	3D G-Sensor
SIM Card	Nano SIM
Wires	8 Pins (Power +&-, relay, ACC, Microphone+&-, SOS+&-)
Size	75*30*13mm
Weight	30g