

## 4G Magnetic Asset GPS Tracker

### Model: LCA19

LCA19 integrates wireless communication technology and GPS/BDS satellite positioning technology. LCA19I adopts an industrial-grade high-integration full-built-in antenna design. With remote recording, vibration detection, SOS button, WIFI positioning, USB charging, OTA upgrade, overspeed alarm, etc.. With the global positioning service platform, the real-time acquisition, tracking and positioning functions of vehicle data are realized.



### MARKET APPLICATIONS



**Anti-Epidemic Materials**



**School Kids**



**Containers**



**Luxury Vehicles**

### MAIN FEATURES

**5 Modes, smart power saving**

Ultra long standby, moving, static, periodical and combines

**Waterproof**

IP65+, suitable for various scenes usage

**Magnetic, no installation needed**

Non-slip silicon gel and powerful magnetic, just place and go

**GNSS+Wifi location**

perform accurate location indoor and outdoor

**SOS Button for Emergency**

**750mah rechargeable li-polymer Battery**

>3 years(one position per day)

**Multiple Alerts**

vibration/low battery/overspeed, etc

**Anti-tamper alert**

Built-in sensitive light sensor, real-time alert if being removed

**Voice Monitoring**

**OTA Supported**

**GSM SPECIFICATIONS**

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GSM frequency	LTE CAT1, FDD: Band 1/3/5/8, TDD: Band 34/38/39/40/41
GPRS	Class 12, TCP/IP
Internal memory	8MB
Phase error	RMSPE<5,PPE<20
Max output	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**

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Chipset	AT6558R
RF Channel	GPS + BDS
Location accuracy	<10 meters
Tracking sensitivity	-162dBm
Acquisition sensitivity	-148dBm
TTF (open sky)	Avg. hot start≤1sec Avg. cold start≤32sec

**OTHERS**

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LED indicator	GPS(blue), GSM(green), Power(red)
Battery	750mAh/3.7V Li-Polymer Battery
Power	Micro USB, 5V/650mA, Fully Recharge: 1.5 Hour
Standby time	One position per day: 1 year Real-time location update: 1week Vibration update: 1month
Operating temperature	-20°C~ 70°C
Sensor	3D G-Sensor, Light Sensor
SIM Card	Micro SIM
IP Rating	IP65(PVC waterproof bag)
Size	62*27*15mm
Weight	50g