

LT01 Technical Specification

1 Description



LT01 is a 4G compact GPS Tracker for vehicles, it is small in size and with internal antenna. It is designed for motorcycles, cars, vehicles and scooters, the device itself supports 9-100 volts, and it has one digital output for power off relay connecting and one digital input for ignition detect.

2 Highlights

- ◆ Wide range voltage input range: DC 9-100V
- ◆ Supports GPS/LBS /AGPS positioning
- ◆ Ignition detecting
- ◆ Real-time GPS tracking, History playback, Blind data storage, Cornering compensation
- ◆ Remote power and fuel control (Relay required)
- ◆ Built in G-sensor
- ◆ Dual IP supported (Main server and backup server)
- ◆ OTA for easier maintenance
- ◆ Built in back up battery

3 Function

- ◆ Real-time tracking monitoring, Real-time GPS tracking, History playback, Blind data storage, Cornering compensation
- ◆ Track according to time, distance and speed
- ◆ LBS and AGPS Positioning
- ◆ Low voltage and main power cut off alarm
- ◆ Towing alarm
- ◆ Remote power and fuel cut off (Relay required)

◆ Mileage calculation

4 Specification

Physical	Dimension	88mm*45mm*14mm (L*W*H)
	Weight	47±5g
Cellular	Lte module	Fibcom L610
	Frequency	Working frequency: <ul style="list-style-type: none"> •LTE FDD: Band 1/3/5/8 • LTE TDD: Band 34/38/39/40/41 • GSM: 900/1800MHz • LCC 31x28x2.4mm • Operating Temperature: -40°C~+85°C • Operating Voltage: 3.3V~4.3V typical 3.8V
GPS		Channels: 50 Sensitivity: -147dBm Position accuracy:5-10m Accuracy: 5m CEP Cold start: <27s Hot start: <1s
Power	Input voltage	9-100V
	Battery	NI-MH AAA 3.6V/110mA, 2 hours working time based on 2-3 minutes upload
	Power consumption	Average Current: <30mA (DC 12V) Maximum current: <10mA (DC 12V)
Interface	Digital input(1)	Ignition detect
	Digital output(1)	Relay
	GSM antenna	Internal High Gain
	GPS antenna	Internal High Gain
	SIM	Microsim
	Indicator	2 status LEDs, Green: GPS, Red: 4G
	Memory	1300 pcs
Environmental Parameter	Working Temperature	-20°C ~ +70°C
	Humidity	5% ~ 95% (no fog)
	Ingress Protection Rating	IP65