



# LT03 Technical Specification

## 1 Description



LT03 is a 4G rechargeable long standby GPS tracker with 5200mAh built in battery , and built-in GPS/GSM antenna. It's ideally suitable for assets which needs real time tracking.

## 2 Highlights

- ◆ No wiring needed, easy for installation
- ◆ Rechargeable and long standby
- ◆ Built in grade rechargeable polymer lithium battery, capacity 5200mAH
- ◆ Built in G-sensor for motion and static detect
- ◆ Wide network coverage, supports 4G,3G and 2G
- ◆ Built in with high-sensitivity low-power three-axis G-sensor accelerometer,
- ◆ Supports OTA upgrading, reduce maintenance on site
- ◆ Built in high sensitive light sensor with tamper proof alarm
- ◆ Strong magnetic
- ◆ Multiple position mode: GPS、AGPS、LBS

## 3 Function

- ◆ Position and monitor



- ◆ Timely Tracking
- ◆ Blind area data storage
- ◆ Cornering Compensation
- ◆ LBS, AGPS
- ◆ Battery level detect
- ◆ Speeding, low speed alarm
- ◆ Battery charge and discharge protection
- ◆ Low Voltage alarm
- ◆ GPS error alarm
- ◆ Static drift suppression
- ◆ Illegal Movement alarm
- ◆ Mileage statistics

## 4 Specification

Physical	Dimension	92mm*59mm*30mm (L*W*H)
	Weight	200±5g
Cellular	Communication module	Quectel EC25
	Frequency	4Gnetwork: TDD LTE/FDD LTE 3Gnetwork: WCDMA 2G network: GSM/GPRS
GPS		Channels: 50 Sensitivity: -147dBm Position accuracy:5-10m Accuracy: 5m CEP Cold start: <27s Hot start: <1s
Power	Battery	Rechargeable polymer lithium battery (3.7V, 5200mAH)
	Power consumption	Average Current<100mA; Power save<10mA
	GSM antenna	Internal High Gain
	GPS antenna	Internal High Gain
	SIM	Micro sim
	Indicator	2 status LEDs, Green: GPS, Red: GPRS
Environmental Parameter	Working Temperature	-20°C ~ +70°C
	Humidity	5%~95% (no fog)



	Ingress Protection Rating	IP65
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**4G Frequency supported:**

Regions	Frequencies
China/India	TDD LTE:B38/B39/B40/B41 FDD LTE:B1/B3/B5/B8 WCDMA:B1/B8 GSM:900/1800MHz
Europe/Middle East/Africa	TDD LTE:B38/B40/B41 FDD LTE:B1/B3/B5/B7/B8/B20 WCDMA:B1/B5/B8 GSM:B3/B8
North America	FDD LTE:B2/B4/B5/B12/B13/B14 WCDMA:B2/B4/B5
Australia/Taiwan /Brazil	FDD LTE:B1/B3/B4/B5/B7/B8/B28 WCDMA:B1/B2/B5/B8 GSM:B2/B3/B5/B8