



# LT32




## 4G Cat1 Vehicle Tracker

LT32 4G Cat1 vehicle tracker is a compact solution for professional fleet management. With a 9-100V wide voltage input and multi-tech GPS, LBS, and Wi-Fi positioning, it operates across a diverse range of vehicles. Optional RS485/TTL interfaces support peripherals like TPMS and fuel sensors for customized real-time monitoring.



### Applications



- **Ultra-Wide Voltage Input**  
9-100V DC input range ensures reliable operation in various vehicles or machinery.
- **Multi-Tech GPS+LBS+Wi-Fi**  
Reliable positioning solution leveraging both satellite and terrestrial technologies.
- **Multi-Band 4G LTE Network**  
Offers region-specific models with optimized band support for global or local connectivity.
- **Track History Playback**  
Displays, records, and replays movement paths with status for full visibility.
- **Real-Time Location Tracking**  
Provides dynamic location updates on a live map for instant situational awareness.
- **Optional RS485/TTL Interfaces**  
Easily connect various peripherals and sensors, enabling expanded functionality.

### GNSS

Positioning system	GPS, LBS, Wi-Fi with AGPS	
Frequency	GPS L1: 1575.42 MHz	
Positioning accuracy	5-10 m (5m CEP)	
Tracking sensitivity	-162 dBm	
Acquisition sensitivity	-148 dBm	
TTFF (open sky)	Avg. cold start ≤ 35 sec	Avg. hot start ≤ 2 sec
Wi-Fi	2.4 GHz, used for indoors tracking	

### Cellular

Communication network	4G LTE
Frequency	LT32A (Basic): FDD LTE: B1, B3, B5, B8; TDD LTE: B34, B38, B39, B40, B41 LT32G (Asia): FDD LTE: B1, B3, B5, B8; TDD LTE: B34, B38, B39, B40, B41 LT32U (Europe & Oceania): FDD LTE: B1, B3, B5, B7, B8, B20, B28 LT32D (Latin America): FDD LTE: B2, B3, B4, B5, B7, B8, B28, B66

### Power

Battery	60 mAh 3.6 V rechargeable Li-poly battery	
Input voltage	9-100V DC	
Battery protection	200V reverse connection protection, main power voltage detection	
Operating current	Active < 30 mA @ 12V DC	Sleep < 5 mA @ 12V DC
Working modes	Motion & Static Auto-Switch	

### Interface

LED indication	Cellular (Red), GNSS (Green)
SIM	Micro-SIM
I/O Interface (>5PIN)	1 RELAY, 2 DI (ACC, Reserved), 1 AI (0-33V)
Data storage	1000-packet offline storage capacity for each communication link
Connector	2PIN/4PIN/6PIN/8PIN
Antenna	Internal high-gain GNSS & Cellular antenna

### Physical specification

Dimensions	L75 x W40 x H14.5 mm
Weight	45g