



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



Fleets Tracking



Car Rental



Motorbike Tracking



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