



# TC56L 4G Vehicle Tracker

- › Worldwide LTE, UMTS/HSPA+ and GSM/GPRS/EDGE Coverage
- › Worldwide GNSS Chipset Compatible with GPS, GLONASS, BDS, Galileo, Qzss
- › Driver Behavior Monitoring, RFID Reader and Fuel Sensor Supported

Pretrace TC56L is a 4G LTE GPS tracker for vehicle tracking and asset monitoring. It covers the frequencies of FDD:B1/B2/B3/B4/B5/B7/B8/B12/B20/B28;WCDMA:B1/B2/B4/B5/B8; GSM:B2/B3/B5/B8;when 4G network is weak, it moves to 3G or 2G network. It provides accurate real-time location and driving behavior event, supports multiple sensors such as temperature sensor; it also supports multiple external equipment for various applications.TC56L is an extensible GPS tracking device for fleet management and M2M applications.

## Advantages:

- Driver Behavior Monitoring
- SOS/Over-speed/Geo-fence Alert
- Temperature/Fuel Monitoring
- Remote Engine/Door Control
- Accurate Real Time/LBS Tracking
- Driver/Passenger Identification
- 60,000 GPS Backup Log
- Wireless Firmware Upgrade
- Vehicle Battery Protection
- One Wire @Protocol Supported
- Multiple External Equipment Supported
- Built-in 3 axis G-sensor for Motion Detect



# 4G Tracker TC56L

## Network

	TC56L-U	TC56L-E	TC56L-A
FDD	B1/ B2/ B3/ B4 B5/ B7/ B8/ B28	B1/ B3/ B5/ B7 B8/ B20	B2/ B4/ B12
WCDMA	B1/ B2/ B5/ B8	B1/ B5/ B8	B2/ B4/ B5
GSM	B2/ B3/ B5/ B8	B3/ B8	
SMS	Text-data, PDU(optional)		
Transmit Protocol	TCP, UDP		

## GNSS

GPS Chipset	Qualcomm (GPS, GLONASS, BDS, Galileo, Qzss)
Sensitivity	-162dBm
Position Accuracy	5m
Acquisition(Normal)	Cold<32Sec, Warm<28Sec, Hot<1Sec

## Environment

Operating Temperature	-40℃ to 80℃ (Non- Battery) -30℃ to 70℃ (Battery)
Storage Temperature	-40℃ to 85℃ (Non- Battery) -30℃ to 70℃ (Battery)
Working Humidity	Up to 95% Non-Condensing

## Vertical Markets

### Fleet Management:

School Buses Fleet, Taxi Fleet, Dispatching Fleet, Car, Renting Fleet, Logistic Fleet, Public Affair Fleet, Ambulance Fleets, Mortgage Vehicle Management, Dangerous Cargo Monitoring, Auto Station Solution, etc.

Insurance Telematics: Stolen Vehicle Tracking and Recovery

M2M Application: Cold Chain, Food Chain, Restaurant Supply, Enterprises Equipment Management, etc

## General Specification

Dimension	97*65*21 mm
Weight	140g
Operating Voltage	11.3V~40V
Backup Battery	3.7V/500mah Li-ion Battery
Working Current	50mA~150mA
Firmware Upgrade	OTA
Log Saving	60,000pcs

## Interfaces

LTE Antenna	External
GPS Antenna	External
LED Indicator	GPS, GSM, Power

### I/O:

3 Digital Inputs, 2 Digital Outputs

1 Analog Input

1 USB Port

1 Microphone Socket

1 Speaker Socket

1 One Wire® Interface

1 RS232/RS485 Serial Interface

## Optional Accessories

Replay, SOS Button, Microphone, Speaker, RFID Reader, Temperature Sensor, Fuel Sensor, I-Button

