

TC58 Plug & Play OBD Tracker

General Description

Pretrace TC58 is a compact, easy-to-install OBD tracking device built for reliable real-time location monitoring. Powered by 4G LTE, it delivers accurate positioning via GNSS (GPS/BDS) and LBS, with offline data logging for up to 2000 records when the network is unavailable.

Featuring motion detection, tamper/removal alerts, and ultra-low power consumption with low-voltage protection, the TC58 Series safeguards your vehicle without draining the battery.

For advanced needs, the TC58 Pro adds full ISO15765 CAN bus support, enabling real-time monitoring of engine speed, coolant temperature, fuel consumption, and driving behavior data.

Target Application

- Fleet Management
- Car Leasing & Finance
- Car Sharing & Mobility Services
- Private Car Anti-Theft
- Car Condition Tracking (TC58 Pro)

Key Features:

- 4G LTE Network: Always Connected, Always Tracked
- Dual-Mode Positioning: Accurate, Everywhere
- No Wiring, No Hassle: Plug It In, Done
- Instant Alerts: Know When It's Touched or Removed
- Motion Sensing: Protect Your Vehicle 24/7
- Offline Logging: Never Miss a Trip
- Battery-Safe Design: No Unexpected Drain
- Remote Firmware OTA Upgrade Without On-site Work
- Full OBD II Access: Read Engine Data Live (TC58 PRO)
- Monitor Speed, Fuel & Health at a Glance (TC58 PRO)
- Track Driving Habits: Hard Braking, Speeding & More (TC58 PRO)
- Complete Journey Statistics for Cost & Usage Analysis (TC58 PRO)



TC58 Specification

Model Name	TC58	TC58 PRO
OBD Protocol	None	ISO15765 (Passenger Car): CAN-11B-500K CAN-11B-250K CAN-29B-500K CAN-29B-250K
Data Reported		
GNSS Position Data	Position, Speed, Mileage	Position, Speed, Mileage
Vehicle Operation Data	None	Battery voltage, Engine speed, Speed, Engine load, Throttle angle, Coolant temperature, Fuel consumption
Jouney Statistics Data	None	Duration, Mileage, Fuel consumped, Max engine speed, Max speed, Breaking counts, Speeding counts
Driving Behavior Data	None	Hard acceleration counts, Hard braking counts, Floor it counts, Warm-up duration
General		
Bands	For Europe: LTE FDD B1/B3/B7/B8/B20 For Latin America: LTE FDD B2/B3/B4/B5/B7/B8/B28/B66	
Position Technology	GNSS(GPS, BDS), LBS	
Communication	TCP/UDP/MQTT	
Configuration	SMS / USB Port / Server Downlink	
SIM Type	Nano Sim	
Log Saving	2000 pcs	
Input Power	5 - 36V/DC	
Working Current	30mA @12V, 16mA @24V	
Sleeping Current	4.5mA @12V, 3.5mA @24V	
Operating Temperature	-30ºC ~ +80ºC	
Operating Humidity	5% ~ 95%	
Dimension	48*28*33 mm	
Weight	28g	
Sensors	3-axis Accelerometer	

Pretrace
IOT SOLUTIONS

Email: info@pretrace.com Web: www.pretrace.com Tel: + 86 755 23156001
Address: 8A,Weiye Building,Minzhi Road,Longhua District, Shenzhen,China.518131

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