



TC56W 3G Vehicle Tracker

- › Global 3G+2G Network
- › Driver Behavior Monitoring
- › RFID Reader/Fuel Sensor Supported

Pretrace TC56W is a global 3G GPS tracker for vehicle tracking and asset monitoring. It covers worldwide frequencies of UMTS/HSDPA 800/850/900/1900/2100MHz and GSM/GPRS 850/900/1800/1900 MHz. When 3G network is weak, it will move to 2G network. It provides real-time location and driving behavior event, supports multiple sensors such as temperature sensor; it also supports multiple external equipment for various applications. TC56W 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





3G Tracker TC56W

Network

Frequency	UMTS/HSDPA: 800/850/900/1900/2100 MHz
	GSM/GPRS: 850/900/1800/1900 MHz
SMS	Text-data
Transmit Protocol	TCP,UDP

GPS

GPS Chipset	U-BLOX 7
Sensitivity	-162dBm
Position Accuracy	5m
Acquisition(Normal)	Cold<35Sec, 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

WCDMA 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

