



Model TC56

- › Harsh Driving Behavior Events
- › GSM Jamming Detection
- › Camera/RFID/Fuel Sensor Supported

TC56 is a multifunctional GPS tracker for fleet management and M2M applications. It supports real time location, driving behavior analysis, temperature monitoring, two-ways communication, and other external equipment combination such as camera, RFID, fuel sensor, etc. TC56 will improve the efficiency of fleet management that increase the customers' satisfaction. It is a model fit for different customizations.

Advantages:

- Harsh Driving Behavior Events
- GSM Jamming Detection
- Two-Way Communication
- Built-in 3 axis G-sensor
- 1-Wire® Protocol Supported
- Accurate Real Time & LBS Tracking
- Remote Engine/Door Control
- Fatigue Driving/Parking Overtime Alarm
- Emergency/Speeding/Geo-fence Alarm
- Support Temperature Monitoring
- Support External Camera/RFID/Fuel Sensor
- RS232/RS485 Serial Interface





Model TC56

General Specifications

| | |
|-------------------|----------------------------|
| Dimension | 97*65*21 mm |
| Weight | 130g |
| Operating Voltage | 11V~36V |
| Backup Battery | 3.7V/500mah Li-ion Battery |
| Working Current | 50mA~150mA |
| Firmware Upgrade | OTA |

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 |

Optional Accessories

12V/24V Relay, Microphone, Speaker,
Camera, RFID Reader and Cards, Fuel Sensor

Vertical Markets

Fleet Management :

School Buses Fleet, Taxi Fleet, Dispatching Fleet, Car Renting Fleet, Logistic Fleet, Public Affair Fleets, Ambulance Fleets, Government Fleet, 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

GSM

| | |
|-------------------|----------------------|
| Frequency | 850/900/1800/1900MHz |
| Network | GPRS/SMS |
| Transmit Protocol | TCP,UDP |

GPS

| | |
|----------------------|------------------------|
| GPS Chipset | U-BLOX 7 |
| Sensitivity | -162dBm |
| Position Accuracy | 5m |
| Transmit Protocol | TCP, UDP |
| Acquisition(Normal): | Cold<42Sec, Warm<35Sec |

Interfaces

| | |
|---------------|-----------|
| GSM Antenna | External |
| GPS Antenna | External |
| LED Indicator | GPS , GSM |

I/O :

3 Digital Inputs, 2 Digital Outputs
1 Analog Input
1 Microphone Socket
1 Speaker Socket
1-Wire® Interface
1 RS232/RS485 Serial Interface

