

## 2G OBDII SERIES

Plug & track. Easy installation, no wires required, save integrator's time and cost. Start the tracking immediately

# T8608



2G easy install OBDII tracking device designed for insurance, car leasing and real-time monitoring applications



- 50g
- 57mm\*50mm\*24mm
- 30°C ~ +80°C
- Operating Voltage: 7V to 32V DC with internal Li-Polymer battery

- Compact Size
- Plug and Play
- CAN data reading (T8608D only)
- Firmware Over the Air
- Geo-fences
- Motion Detection
- Driving Behavior Monitoring
- Crash Detection
- BLE 4.0
- Towing Alarm

Insurance



Private Car Tracking



Car Leasing



# T8608 SPEC

GSM Specifications	
Frequency	Quad band: 850/900/1800/1900 MHz Compliant to GSM phase 2/2+ -Class 4 (2W @ 850/900 MHz) -Class 1 (1W @ 1800/1900 MHz)
GPRS	GPRS multi-slot class 12
Max Out RF Power	GSM850/GSM900: 33.0±2 dBm DCS/PCS: 30.0±2 dBm
Dynamic Input Range	-15 ~ -108 dBm
Receiver Sensitivity	Class II RBER 2% (-107 dBm)
Stability of Frequency	< 2.5 ppm
GNSS Specifications	
GNSS Chipset	All-In-One GNSS receiver
Parallel GNSS	GPS+Glonass/ GPS+Galileo/ GPS+Beidou
Receiver Type	33 tracking / 99 acquisitions- channel GNSS receiver
Sensitivity	Cold start: -148 dBm Reacquisition: -163 dBm Tracking: -165 dBm
Position Accuracy (CEP)	Autonomous: < 2.5m
TTFF (Open Sky)	Cold start: < 28s Warm start: < 26s EPO assist: < 13s Hot start: < 1s
Interfaces	
Models	T8608
Connector	OBDII
CAN-Bus Reading	-
Support legislated OBDII protocols	-
SIM Card Slot	Nano SIM card slot
GSM/GNSS/Bluetooth Antenna	Internal only
Indicator LED	GSM and GNSS
USB	Debug
BLE	4.0
General Specifications	
Standby Current	9mA/12V
Work Current	54mA/12V
Dimensions	57mm*50mm*24mm
Weight	50g
Backup Battery	Li-Polymer 110 mAh/ 3.7V
Operating Voltage	7V to 32V DC
Operating Temperature	-30°C ~ +80°C
Storage Temperature	-40°C ~ +85°C
Air Interface Protocol	
Transmit Protocol	TCP, UDP, SMS
Protocol Check & Encryption Support	MD5/ AES256
BLE Accessories Support	Yes
Low Power Alarm	Alarm when backup battery is low
Driving Behavior Monitoring	Aggressive driving behavior detection, e.g. harsh braking and acceleration
Crash Detection	Accident data collection for reconstruction and analysis
GSM Signal Jamming Detection	Report GSM jammer
Data Roaming Control	Avoid additional data consumption