

SAFETY SYSTEMS

• OBD2 Tracker - 4G LTE Vehicle Tracking Device

Model Name: SA101T4O

Specification:

- Cellular: Based on Quectel's EC21 LTE Cat 1 Module
- GNSS: Based on Quectel's EC21 Gen8C-Lite of Qualcomm, Supports Multi-Constellation GNSS, (GPS, GLONASS, BeiDou, Galileo, and QZSS) NMEA0183 Protocol

Supported

- -162dBm Tracking Sensitivity
- TTFF (Cold/Warm/Hot Start): 1s/29s/32s
- Total Number of SVs Available: 55
- Multiprotocol OBDII to UART Interpreter IC on Board
- Multiple Input/Output Ports Supported
- Operating Voltage: DC 8~35V
- External High Gain 4G LTE Antenna: FAKRA Type Connector
- External High Gain GNSS Antenna: FAKRA Type Connector
- Internal Backup Battery Supported
- High Capacity Internal Flash Memory Supported
- Micro USB Port Supported
- Power/Input/Output Interface: Molex Equivalent Connector
- 3-Axis Accelerometer Built-In
- Micro SIM Card Socket Supported
- Status LED Indicator for Power, Communication (4G), and GNSS Status indication
- Operating temperature
 - -20 to +80°C (without battery)
 - -20 to +60°C (with battery)

Core Feature:

- Support for All Legislated OBD2 Protocols
 - ISO 15765-4 (CAN)
 - ISO 14230-4 (Keyword Protocol 2000)
 - ISO 9141-2 (Asian, European, Chrysler Vehicles)
 - SAE J1850 VPW (GM Vehicles)
 - SAE J1850 PWM (Ford Vehicles)
- Support for Non-Legislated OBD Protocols
 - ISO 15765
 - ISO 11898 (Raw CAN)
 - GMLAN Single Wire CAN (GMW3089)
 - Ford Medium Speed CAN (MS CAN)
- Superior Automatic Protocol Detection Algorithm
- OBD2 Diagnostic Trouble Codes Reporting
- Ultra-Low Current Consumption in Deep Sleep Mode
- High GPS Sensitivity with AGPS Supported
- Intelligent Power Saving Modes
- Configurable Real-Time Tracking and Logging
- User-Defined Events Reporting
- Multiple Geo-Fence Zones
- 4G/GSM Jamming Alert
- Built-in 3-Axial Accelerometer
- Firmware Update Over-the-Air

