

Telematics Module



About Product

A telematics module is a Smart Controller based system used for collecting various data from a vehicle including battery health and Location. It transmit this data via a cellular modem to a remote location for visualization and control through an Interactive Web application.

Major Features

- ◆ Geo fencing using Location Tracking
- ◆ 4G & Fall back 2G Enabled System
- ◆ Two CAN Based(Vehicle & Battery Health Monitoring)
- ◆ Interface with Driver Monitoring System (Harsh Acceleration & Harsh Braking)
- ◆ Web based Application for OEM/Fleet Management
- ◆ FOTA(Firmware Over the Air) through the Web application



Specifications

- Built in two isolated CAN interface for vehicle health monitoring and battery monitoring system
- Internal memory 1GB and with extended memory up to 32 GB
- E-SIM and Normal SIM LTE with 2G Fall back
- MQTT communication with TLS Encryption provided
- 4 Hrs Battery back up
- In-build RTC, 3D Accelerometer and Gyroscope
- Operating Voltage: 12 ~ 32V
- Operating Temperature: -25C to +85C
- Inbuilt Dual band GPS, NAVIC, BIDU, GLONASS, A-GPS
- Overvoltage and Undervoltage protection
- Interfaces: RS232, 4 digital O/Ps, 2 Digital I/Ps, Analog I/Ps, SOS Switch