

The **ST4300** vehicle tracker supports 4G LTE Cat-M1/NB-IoT. It incorporates features such as a 3-axis accelerometer and reports the driving pattern analysis and crash reconstruction. The ST4300 is a reliable and robust device that can meet the many demanding needs of fleet customers and industrial telematics markets.



- Network: LTE Cat M1/NB-IoT
- Configurable Report Formats
- Multiple Condition Report Modes
- Easily preconfigure for Report Mode
- DPA(Driving Pattern Analysis) / CR(Crash Reconstruction)
- Virtual Ignition ID (Voltage/Motion)
- Circular / Polygonal Geofencing
- Maintenance Server Supported

**1 Month**



## Accessories or Options:

None Available

**RS232**

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**www.suntechus.com**





Frequency	LTE module for global use; Cat M1, Cat NB1 deployed bands: LTE FDD: B1, B2, B3, B4, B5, B8, B12, B13, B17, B18, B19, B20, B26, B28, LTE TDD: B39 (for Cat. M1 only) EGPRS: 850/900/1800/1900MHz
Command / Report sent via SMS	MT/MO PDU / Text mode, SMS over SG/NAS
Back-up Server	Supported (via dual IP)
GPS/Glonass Receiver	GPS & Glonass GPS L1 band(1575.42MHz), Glonass L1 band (1601.71MHz) SBAS : WAAS, EGNOS, MASA, GAGAN
GPS/Glonass Sensitivity	Tracking -167 dBm Reacquisition -161 dBm Cold start -149 dBm
4 Event Inputs	1 Input : 1 Ignition 3 Inputs : Available for Panic button, Door sensor
3 Event Outputs	Vehicle Blocking Open drain output up to 300mA, Available for Siren
Optional Input	1-Wire (I-button, Temperature sensor, RFID Reader)
1 Serial Port	General RS232 , RFID Reader(RS232 type)
Housing Dimension	90.5(W) × 58(L) × 26(T) mm
Weight	115g (with back-up battery)
Power Supply	DC 8 V ~ 33 V, Main power +/- inversion protection
Power Consumption	Active mode : 70~80mA @12V Typical (3min. reporting) : 30~50 mA @12V Sleep mode : Approx. 4mA @12V Deep Sleep mode : Approx. 2mA @12V
Motion Detection	Built-in 3-axis accelerometer
Back-up Battery	Rechargeable 3.7V, Ni-MH 450mAh
Electric Protection	Protection against ESD and overvoltage
Operational Temperature Range	-30°C ~ +80°C
Certificates	CE, FCC, PTCRB, RoHS (TBD)