

The **ST4500** vehicle tracker supports 4G LTE Cat-M1/NB-IoT with fall back to 2G. The ST4500 is a low-cost tracking solution which simply plugs into the OBD II diagnostic port placed in the vehicle, commonly near the driver's knees or below the steering wheel column. Once you plug the ST4500 into the OBD II port of your vehicle, the device starts tracking and monitoring diagnostic information about the vehicle.



- Network: LTE Cat M1/NB-IoT
- Detect OBD- II Protocol Automatically
- Read Extensive Engine Diagnostics (User Selectable), DTC and Vehicle ID
- Collect information Fast & Accurate and Notify to user
- Configurable Report Format
- Multiple Report Mode and Condition
- Easily preconfigure for Report Mode
- DPA(Driving Pattern Analysis) / CR(Crash Reconstruction)
- Circular / Polygonal Geofencing
- Maintenance Server Supported

Accessories or Options:
None Available

1 Day





Frequency	LTE module for global use; Cat M1, Cat NB1 deployed bands: LTE FDD: B1, B2, B3, B4, B5, B8, B19, B26, 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
I/O Connection	J1939 protocols J1850(PWM or VPW) protocols ISO9141-2 & ISO14230, K-Line ISO14230-4 Keyword Protocol 2000 ISO 15765-4 protocols(CAN)
Housing Dimension	74(W) × 46(L) × 25(T) mm
Weight	104g (with back-up battery)
Power Supply	DC 8 V ~ 33 V, Main power +/- inversion protection
Power Consumption	Active mode : 120~130mA @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, 350mAh Li-ion Battery
Electric Protection	Protection against ESD and overvoltage
Operational Temperature Range	-30°C ~ +80°C
Certificates	CE, FCC, PTCRB, RoHS (TBD)

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