



Suntech ST4500DO

- Driver behavior monitoring
- Plug and play installation

The ST4500 DO vehicle tracker supports 4G LTE Cat-M1/NB-IoT with fall back to 2G. Simply plug into the OBD II diagnostic port placed in the vehicle, commonly near the driver's knees or below the steering column. Once installed, the device starts tracking the vehicle right away. Additional features include an enhanced three-axis accelerometer.

SPECIFICATION

Frequency	LTE module for global use; Cat M1, Cat NB1 deployed bands: LTE FDD: B1, B2, B3, B4, B5, B8, B13, B17, B19, B20, B26, B28 LTE TDD: B39 (for Cat. M1 only) EGPRS: 850/1800/1900MHz
GPS/Glonass Receiver	GPS & Glonass, GPS L1 band(1575.42MHz), Glonass L1 band (1601.71MHz), SBAS : WAAS, EGNOS, MASA, GAGAN
GPS/Glonass Receiver	Tracking -167 dBm, Reacquisition -161 dBm, Cold start -149 dBm
Housing Dimensions	74(W) × 46(L) × 25(T) mm
Weight	71g (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. 5mA @12V, Deep Sleep mode : Approx. 2mA @12V
Motion Detection	Built-in 3-axis accelerometer
Backup Battery	Rechargeable 3.7V, 350mAh Li-ion Battery
Electric Protection	Protection against ESD and overvoltage
Operational Temperature	-30 °C ~ +80 °C
Certificates	CE, FCC, PTCRB, RoHS (TBD)