

Advanced Vehicle Tracking in a Compact Package



-  Compact size with internal antennas
-  High-performance tracking
-  6-pin wired for digital inputs/outputs
-  Ignition detection via ignition, power, or motion sensing
-  IP67-rated water-resistant case

Discreet and Reliable Fleet Tracking

The compact, durable tracker features internal antennas in an IP67-rated waterproof case to deliver high-precision GPS location data for improved fleet efficiency.

Reliable Backup Power

Equipped with a rechargeable backup battery, the tracker continues operating for up to 4 days during power loss—providing last-known location for high-value assets.

Advanced Driving Insights

The built-in 3-axis accelerometer powers driver behavior monitoring of harsh events, while customizable geofencing enables location-based alerts for enhanced security.

Always Up to Date

Over-the-air updates ensure the device evolves with your fleet, delivering the latest features, security patches, and performance improvements without manual intervention.

Suntech ST4215

This rugged, waterproof vehicle tracker delivers reliable, real-time fleet monitoring in a compact package. Perfect for discreet installation across fleet and logistics applications, the ST4215 is packed with a rich set of capabilities supporting telematics and high-precision GPS tracking.

Specification

Wireless Communication

Network	LTE Cat. M1/NB-IoT, 2G (fallback)
Frequencies	LTE Cat. M1: B1/B2*/B3/B4*/B5*/B8/B12*/B13*/B18 /B19/B20/B25/B26/B27/B28/B66/B85 LTE Cat. NB2: B1/B2*/B3/B4*/B5*/B8/B12*/B13*/B18 /B19/B20/B25/B28/B66*/B71/B85* EGPRS: GSM850/EGSM900/DCS1800/PCS1900
Firmware upgrade	Over-The-Air (OTA) Server Support

Physical & Hardware

Dimensions	53.2(W) x 61(.2L) x 20.8(T) mm
Weight	79 g (with back up battery)
I/OT	• ST4215: 6 pin / ST4215U: 5 pin • 1 Ignition or Input: configurable • 2 Input: Ex: panic button, door sensor • 1 Output: Ex: drain output, siren, vehicle • 2 Output: ST4215 Only
LED Indicator	Network, GPS
Antenna	Internal (Cellular, GPS)
Motion Sensor	Built-in 3-axis accelerometer
SIM Card	Nano SIM (4FF)

Environmental & Certifications

Dust & Water Resistance	IP67
Operating Temperature	-30°C ~ +85°C
Certifications	FCC, PTCRB, CE, AT&T, T-Mobile, Verizon, US cellular

Battery & Power

Battery	Rechargeable 3.7V, 220mAh (Li-ion)
Power Consumption	• Typical: 30 ~ 50 mA @12V • Sleep mode: < 5mA @12V • Deep sleep mode: ~ 2mA @12V
Power Supply	DC 8 to 40 V (Main power +/- inversion protection)

GNSS (GPS Tracking)

Receiver Type	GPS, GLONASS, Galileo, Beidou
Location Accuracy	• +/- 2m CEP-50% • Cold Start: < 35s • Warm Start: < 30s • Hot Start: < 1s