






Versatile Asset and Trailer Tracking

-  Flexible power options
-  Extensive input/output connections
-  Rugged IP67 design with versatile mounts
-  Precise, reliable, multi-GNSS tracking
-  Built-in 3-axis accelerometer



Flexible Power Options

Relying on both external power and a rechargeable backup battery, the device delivers continuous tracking—even off-grid—for up to four months with once-daily updates, ensuring visibility during tampering, theft, or power loss.

Advanced Tracking and Geofencing

Multi-GNSS with A-GPS for accurate positioning ensures precise location data, while customizable geofencing enables location-based alerts and notifications.

Extensive Input/Output Options

The 15-pin connector offers six inputs for ignition detection, panic button, door sensor, analog-to-digital converter, and a 1-wire interface, as well as optional RS232 and external power event lines.

Built Tough for Harsh Conditions

The IP67-rated enclosure provides excellent protection, a wide operating temperature range, and multiple mounting options for easy installation on a variety of assets.

Suntech ST4335

A durable, feature-rich asset and trailer tracker designed for reliable, long-term deployments in commercial and industrial environments. With its robust connectivity, flexible power options, and extensive configurability, the ST4335 is the ideal solution for tracking valuable assets in challenging conditions.

Specification

Wireless Communication

Network	LTE Cat. M1/ NB2-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: 850,900,1800,1900MHz

Physical & Hardware

Dimensions	97.4(W) x 130(L) x 37.5(T) mm
Weight	330g
I/O	<ul style="list-style-type: none">• 15 pin• 6 Inputs<ul style="list-style-type: none">◦ 1 Ignition, 3 inputs available for panic button, door sensor◦ 1 Input/ADC (by configuration)◦ 1-wire interface
LED Indicator	Network, GPS
User Interface	ON/OFF Button
Motion Sensor	Built-in 3-axis accelerometer
SIM Card	Micro SIM

Environmental & Certifications

Dust & Water Resistance	IP67
Operating Temperature	-30°C ~ +80°C (with vehicle power), -20°C ~ +60°C (with back-up battery)
Certifications	FCC, PTCRB, CE, AT&T, T-Mobile, Verizon, US cellular, NOM
Region	USA, LATAM, EU

Battery & Power

Battery	Rechargeable 7.8 Ah (Li-ion), 3.7V
Power	Wired, Battery Operated Tracker
Power Consumption	<ul style="list-style-type: none">• Typical: 40mA ~ 60mA• Sleep mode: < 5mA• Deep sleep mode: ~ 2mA
Power Supply	DC 8 ~ 38 V (* Main power +/- inversion protection)

GNSS (GPS Tracking)

Receiver Type	GPS, GLONASS SBAS : WAAS, EGNOS, MASA
Location Accuracy	+/- 3m CEP (50%, 2D RMS, -130dBm, > 6 Sats.)
Cold Start (TTFF)	< 35s
Warm Start (TTFF)	< 30s
Hot Start (TTFF)	< 1s
Tracking Sensitivity	Tracking -167dBm / Acquisition -149dBm