

Asset Telematics

ST4290



- Network: LTE Cat M1
- Extremely low power consumption
- Low battery alert
- Built-in 3-axis accelerometer
- Maintenance Server Supported (*option)
- IP67 Waterproof compliant
- Jamming detection

The **ST4290** asset tracker supports 4G LTE Cat-M1.

The ST4290 is water proof (IP67 compliant) rugged, hard-cased multi-purpose mini tracking device for variety of uses such as asset tracking, vehicle/motorcycle tracking and personal tracking. The ST4290 is designed to minimize the power consumption efficiently.



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Suntech, a Global Leader in the Telematics and Tracking Industry

Technical Specification

Wireless Communication	
Network frequency	LTE Cat M1
GNSS	
Receiver Type	GPS, GLONASS SBAS : WAAS, EGNOS, MASA
Location Accuracy	Autonomous < 2.5m CEP
Update Rate	1Hz
Cold Start	<35s
Warm Start	<30s
Hot Start	<1s
Tracking Sensitivity	Tracking -167dBm
	Reacquisition -161dBm
	Acquisition -149dBm
Physical	
Dimension	92.5(L) x 39.5(W) x 25.5(T) mm (ST4290)
	92.5(L) x 39.5(W) x 43.5(T) mm (ST4290L)
Weight	150g (ST4290)
	175g (ST4290L)
Hardware	
User Interface	Power On/Off Button
LED Indicator	Power, Network, GPS
Antenna	Patch antenna
Accelerometer	Built-in 3-axis accelerometer
Battery/Power	
Primary Battery	Primary Li-SOCL2 3.6V 8.0Ah
	* Option : 19 Ah (Support LTE Cat M1/NB IoT only)
Power Consumption	Active mode : 40mA
	Deep Sleep mode : Approx. 10uA
	LTE Cat M1 max Tx : 180mA
Environmental	
Operating Temperature	-10°C ~ +60°C
Dust and Water Proof	IP67
Certificates	FCC, PTCRB, CE / IC (TBD)



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