Vehicle Tracker

Model Number: WSMS-122X321IS

Main Features:

Features of Scooter Tracker
- ❖ Vehicle tracker with long range data link and Beidou/GPS tracking.
- ❖ High sensitivity: down to -142.5 dBm.
- ❖ Sensors: GPS, 3 axis accelerometer, and temperature sensor.
- ❖ Water proof (IP65).
- ❖ Geo Fencing notifications from data center.
- ❖ Displacement detection alert.
- ❖ Low battery alert.
- ❖ Battery disconnection alert.
- ❖ Motion/movement detection.

This Vehicle Tracker is designed for tracking vehicle for preventing theft. It communicates with the IoT AP/Gateway using a LoRaWAN protocol standard for long range wide area (LPWAN) deployments. Because of its long range, high penetration and high sensitivity capabilities, it ensures a reliable link. Moreover, it prolongs battery time compering to other solutions because of the LoRaWAN low power and star topology nature.

The tracker is equipped with GPS, 3-axis accelerometer and temperature sensor.

The Vehicle Tracker sends real time location and alerts to the data center. A perimeter (geo-fencing) can be set for triggering an alert each time the tracker is found outside of the designated area.

Various alerts can be generated for different scenarios, such as: low battery, battery disconnection, state of the vehicle (stationary / in motion), etc

Specification

Wireless Freq. Band: 915-917MHz complies with the Israeli MoC spec (other models for EU and US are also available)			
Channels / Bandwidth: up to 16 / 125KHz			
LoRa RF Chip:	Semtech SX-1276	Modulation:	Based on IEEE 802.15.4g (FSK / CSS)
Tx Power:	100mW	Rx Sensitivity:	up to -142dBm
Operation Temperature:	-30ºC ~ 70ºC	Antenna Type:	Internal (Included)
Protection Requirement:	IP65	Certifications:	NCC, SRMC
Power Supply:	2.8 - 3.6V	Internal Battery:	Included for disconnection alert
Dimensions:	L:75 x W:40 x H:15mm		