STARLINKASSET

Trailer & Asset Tracking

StarLink Asset is a tracking solution for trailers, containers and other valuable assets.
The device is highly resistant to the outdoor environment, and extreme weather conditions and comes with a powerful long-life battery for long-lasting functionality.

StarLink Asset is equipped with an integrated accelerometer and shock sensors, which enable reporting when motion is detected, as well as switching between two transmission profiles with different transmitting intervals, for maximum battery life and efficiency.

StarLink Asset offers easy and quick installed using powerful magnets; its long-life internal battery has the capacity of 2000 transmissions.

Key Features

- 12V/24V operation
- Embedded GSM and GPS antennas for easy installation
- Quad Band 2G/ Dual Band EU/US for 3G
  4G - CAT M1- B1/2/3/4/5/8/12/13/18/19/20/26*/28
  LTE- B1, B2, B3, B4, B5, B7, B28
- Geofence management and alerts
- Self-tracking mode
- Text alerts
- Low power consumption (Standby 2mA)
- Heavy-duty magnets for fast installation
- Cellular jamming detection (4G)
- Home/roaming management
- Integrated 3D accelerometer & shock sensors for motion and movement detection
- Input, output, I/Os and ignition port combination
- Over-the-Air configuration for rules, Geofencing, reporting intervals & firmware updates

Powerful magnet kit

Technical Specifications

Hardware

Cellular	GPRS Quad-Band 900/1800/850/1900 / GPRS/UMTS/HSDPA, 5-Band 900/1800/850/1900/2100
	CAT M1- B1/2/3/4/5/8/12/13/18/19/20/26*/28
	LTE- B1, B2, B3, B4, B5, B7, B28
	+ Optimized antenna
Location	MTK chipset, 99 channels, GPS/GLONASS, Active antenna, Sensitivity -165 dB, NMEA0183
	acquisition (normal): cold 34s, warm 34s, hot 1s, accuracy: 2.5m CEP + Embedded optimized
Communication	Antenna TCP/IP over GPRS/UMTS/EDGE/HSPA, text messages
Accelerometer	8G Sensitive 3 dimension accelerometer
Connectors	10 -pin Molex type connector
Input ports (always)	1 digital input (Asset Only)
Additional ports	2 input, 2 output, 2 I/Os, 1 data for ERM accessories (eNet protocol)
Dedicated port	Ignition port
Power supply	9-32VDC, 20-30mA, Low power mode (GPS off) < 10mA, Power save mode (Standby) 2mA
Backup battery	Rechargeable, 3.6V, 5800mAh (Li-Poly or Li-ion)
Car interface	Ignition On/Off, Engine On/Off (by voltage)
Configuration/ firmware update	OTA/Via Standard PC USB Port, parameters setup, software programming
Data logger	Up to 8,000 messages

Environment

Operating temperature	-20 to 70oC
Storage temperature	-40 to 85oC
Dimensions	16cm x 6.3cm x 3.4cm
Weight (NET)	250g
Durability	Water & vibration resistance
Max. relative humidity	90+/-5%

Optional accessories

Solar charger	9V 80-1000mA solar charger
Charger kit (StarLink AssetX only)	Cigarete lighter charger + 220vAC
Heavy duty magnets	500mA wall mount charger

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