



# StarLink Asset



## Multi-Functional Trailer and Asset Tracking

**StarLink Asset** is a tracking solution for trailers, containers and other valuable assets. It's highly resistant to the outdoor environment and provides a powerful long-life battery for long-lasting functionality.

**StarLink Asset** is equipped with an integrated accelerometer and shock sensors, enabling the device to report only when motion is detected and to switch between two transmission profiles with different transmitting intervals, for maximum battery life and efficiency. ●



Powerful magnet kit

## FEATURES

- 1 2/3G Cellular communication
- 2 Geo-Fence management and alert
- 3 Low power consumption (standby >2mA)
- 4 Fast installation with heavy duty magnets
- 5 Cellular jamming detection
- 6 Home/Roaming management
- 7 Integrated 3D accelerometer and shock sensor
- 8 Input, output, I/Os and Ignition ports combinations
- 9 Over-The-Air updates and configuration
- 10 Voice support and External antennas (optional)

### Available variants to choose from:



**2G 3G** The device comes with 2G (GPRS) or 3G (UMTS) modules to choose from.

**iRF** The device comes with two way standard short range RF communication module. Which can be used to transmit data between the device and a mobile phone/tablet or read data from variety of external sensors and tags.

**EA** External GPS and Cellular antennas plugs. Used to enhance the communication capability of vehicles in which the communication of the internal antennas is limited, such as in armored vehicles

**SF** 3D high sensitivity accelerometer and gyro supported with ERM's Safety technology for Driving Behavior analysis and BlackBox feature. The technology can identify 20 maneuver types in 3 levels. The functionality offers event based driving behavior alerts.

**VO** Support for voice communication with the driver, enabled by the use of external speaker and dedicated microphone, both inclusive of this variant kit. An option to use ERM's keypad, or a push button is available for fast dialing, manual answer/disconnect of the calls.

## TECHNICAL SPECIFICATIONS

Cellular	2G variant: GPRS Quad-Band 900/1800/850/1900 3G variant: GPRS/UMTS/HSDPA 5-Band 900/1800/850/1900/2100 All cellular options comes with optimized embedded antenna.
Location	GPS/GLONASS/GALILEO , Active antenna, Sensitivity -165 dB, NMEA0193, Acquisition (normal): cold <34s, warm <34s, hot <1s, accuracy: 2.5m CEP Embedded optimized antenna
Communication	Text messages, TCP/IP over GPRS/UMTS/EDGE/HSPA, Standard 2.4Ghz short range communication v4.0 (with iRF variant)
Connectors	10-pin Molex connector
Input Ports (always)	1 digital input
Additional Ports	2 Input, 2 output, 2 I/O
Dedicated Ports	Ignition port, 1 data wire for ERM accessories (eNet protocol)
Power Supply	9-32VDC, 20-30mA (average), Low power mode (GPS off) < 10mA, Power save mode (standby) < 2.0mA (average)
Backup Battery	Rechargeable, 3.6V, 5800mAh (Li-ion)
Vehicle Interface	Ignition On/Off, Engine On/Off (by voltage)
Configuration / Firmware Update	OTA/Via Standard PC USB Port, parameters setup, software programming
Data Logger	5,000 to 9,000 messages (depending on the variant)

## ENVIRONMENT

## OPTIONAL ACCESSORIES

Operating Temperature	-20 to 70° C	Solar Charger	9v, 80-1000mA solar charger
Storage Temperature	-40 to 85° C	Charger Kit	Cigarette Lighter charger 220vAC/DC 500mA wall mount charger
Dimensions	16cm x 6.3cm x 3.4cm	Magnets	Heavy Duty magnets (set of 4 units)
Weight (NET)	250g		
Durability	Water and Vibration Resistance		
Max. Relative Humidity	90(±5)%		