



# StarLink EV



## Telematics Solution for Micro Mobility

**StarLink EV** is a telematics solution, specially designed for electric vehicles and assets in the micro-mobility market.

**StarLink EV** offers a small-size solution with advanced features such as CAN and safety, making it a great solution for electric vehicles and assets with an operation voltage of under 100V, such as scooters, bikes, etc.

**StarLink EV** is best suited for applications such as vehicle sharing, battery operation monitoring and micro-mobility fleet management. ●

### FEATURES

- 1 Supports High-Powered electric vehicles and assets
- 2 CANBUS interface (with CAN variant)
- 3 Extensive safety features for driver scoring
- 4 Embedded Cellular and GPS antennas
- 5 Small-size
- 6 Internal backup battery

## Available variants to choose from:



**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.

**CAN** The device comes with ERM's CAN Engine technology providing CANBUS interface to various protocols such as CANBUS, OBD2, FMSJ1939, up to 12 parameters including Odometer.

## TECHNICAL SPECIFICATIONS

Cellular	GPRS Quad-Band 900/1800/850/1900 + 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
Connectors	5-pin Molex connector
I/O Ports	1
Dedicated Ports	Ignition port (not available in CAN variant)
Power Supply	6-100VDC
Backup Battery	Rechargeable, 3.6V, 350mAh (Li-ion)
Configuration / Firmware Update	OTA/Via Standard PC USB Port, parameters setup, software programming
Data Logger	19,000 to 25,000 messages (depending on the variant)

## ENVIRONMENT

Operating Temperature	-20 to 70° C
Storage Temperature	-40 to 85° C
Dimensions	7.5cm x 3cm x 1.7cm
Weight (NET)	38g
Max. Relative Humidity	90(±5)%