

STARLINKONBATT



Compact Waterproof Tracking Device

StarLink OnBATT is a small-size vehicle tracking device, designed to enable fast installation on a vehicle battery. StarLink OnBATT supports applications such as UBI (usage-based insurance) or Motorcycle tracking and provides waterproof casing, standard Short-Range wireless communication for accessories, add-ons, and integration with mobile apps.(optional)

StarLink OnBATT comes with Ituran's Safety technology, which provides real-time information regarding unsafe driving behavior, such as careless driving, accidents, speed violations, etc. It automatically identifies 20 different maneuver types, in 3 severity levels - Regular, Aggressive, and Dangerous.

As part of Ituran's Safety technology, **StarLink OnBATT** is also equipped with 'Black-Box' mode, which detects real-time accident events and stores all the data before and after the accident, with a high sampling rate of 100 times per second for accurate post-accident analysis.

For installation simply tape the device on top of the vehicle's battery, connect the power and the device is installed and operational.

Key Features

- Small size
- Fast installation process
- Driver behavior monitoring
- Accident Black-Box
- Waterproof

Available variants to choose from:



3D high sensitivity accelerometer and gyro supported with Ituran'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.



The device comes with a 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 a variety of external sensors and tags. (Optional)



The device comes with a variety of options for cellular communication technology to choose from: 2G (GPRS), 3G (UMTS), 4G (LTE - with selected bandwidth and CAT implementations: CAT-M1, CAT1, CAT4) modules.



The device comes with a dedicated Ignition port.

Technical Specifications

Hardware

Cellular	2G variant: GPRS Quad-Band 900/1800/850/1900 4G variant: LTE Bands CAT1-1/2/3/4/5/7/8/28/40 WCDMA Bands: 1/2/5/8, GPRS Quad-Band, CAT-m1 1/2/3/4/5/8/12/13/18/19/20/26/28/39 All cellular options come with optimized embedded antenna.
Location	GPS/GLONASS/QZSS/Galileo, Sensitivity -167 dB, AGPS, Acquisition (normal): cold <35s, warm <30s, hot <1s, accuracy: <2.5m CEP Embedded optimized antenna
Communication	TCP/IP, text messages, Standard 2.4Ghz short-range communication v4.0 (with iRF variant)
Input Ports	Input Ports IGN (depending on variant)
Power Supply	9-32VDC, 20-30mA
Back up battery	Rechargeable, 3.6V, 350mAh (Li-ion)
Data Logger	Up to 8,000 records
Configuration / firmware update	OTA, parameters setup, software programming

Environment

Operating temperature	-20 to 70° C
Storage temperature	-40 to 85° C
Dimensions	10cm x 5.9cm x 2.3cm
Durability	IP66 Water resistance
Weight (NET)	120g
Max. Relative Humidity	70(±5)%