

STARLINK TRACKERBT

BLUETOOTH ENABLED ADVANCED VEHICLE TRACKING



Starlink ONE is a cost effective vehicle tracking device designed for entry level applications and simple installation.

THE STARLINK TRACKERBT COMES WITH:

- Bluetooth communication support for short range transmission to use with BT enabled accessories such as cellular phones/tablet etc.
- Embedded Cellular/GPS antennas
- 2G Quad band GSM or 3G Dual Band modem
- GPS/GNSS location module
- Cellular jamming detection

Starlink TrackerBT is compatible with most vehicle types and complies with automotive, radio and safety standards worldwide (3G version available for North America and Australia).

The TrackerBT is highly recommended for use in security, fleet management, insurance, rental and leasing service companies.

STARLINK TRACKERBT OFFERS A 'ONE-STOP PLATFORM' INCORPORATING

- 12V/24V operation
- Multi location systems: GPS/GNSS
- Quad Band 2G or Dual Band EU/US for 3G Cellular
- Embedded antennas for easy installation
- Battery and starter diagnostic
- Comprehensive I/O with a unique one-wire, communication port (eNet) for fast and simple connectivity with ERM's wide variety of accessories:

- PND solution with Garmin integration
- Diagnostic features: CAN BUS, FMSJ1939 / 1708 (using ERM's diagnostic accessories: eData/CANalog/eCAN)
- Fuel theft alert and fuel level monitoring (using ERM's eFuel accessory)
- Driver Behavior and BlackBox (using ERM's eSafe accessory)
- Security and Immobilizing solution (using ERM's security accessories)

STARLINK PRODUCTS CAN BE EASILY CONFIGURED OVER THE AIR FOR:

- I/O setup
- Reporting intervals
- Rules
- Firmware update
- Geo-fencing



**MANAGE YOUR FLEET
IN A DIFFERENT WAY**

KEY FEATURES

- Highly configurable functionality
- Embedded Bluetooth 4.1 transceiver and antenna
- 2G Quad Band/3G Dual Band modem
- GPS/GLONASS 99 channels location module
- Embedded Cellular and GPS antennas
- Comprehensive I/O, input and output ports
- Dedicated single wire com port, enabling the use of ERM's wide range of accessories
- GPRS and/or text alerts
- Self-tracking mode
- Internal backup battery
- Enhanced battery management
- Reduced size for quick and easy installation
- Home/roaming management
- Geo-Fence management and alert
- Remote immobilizing capabilities
- Configurable speed alert
- Immobilizer output
- Panic button support
- Keep-alive mechanism
- OLP (Output Logic Programming) for complex output signal generation
- Remote vehicle shutdown (using eCut immobilizing system or relay)
- Vehicle battery diagnostic: charge, voltage and life (i.e.: SoH)
- Vehicle starter diagnostic: start time and grading
- Built-in data logger: Up to 10,000 records
- Driver ID: internal management of up to 500 drivers
- Cellular jamming detection
- Firmware & configuration update Over The Air (OTA)

TECHNICAL SPECIFICATION



HARDWARE

Cellular	GPRS Quad-Band 900/1800/850/1900 / GPRS/UMTS/ HSDPA Dual-Band US850 1900 or EU900/2100 + 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 antenna
Communication	TCP/IP over GPRS/UMTS/EDGE/HSPA, text messages
Connectors	Support With Hotspot, App:Car Assit(iOS&Android) External GPS antenna
Input ports	4 inputs for general use, Additional I/Os with external HUB/junction box
Output ports	2-4 outputs for general use, active low, IA
Analogs ports	2 inputs using an external adaptor 0-12V an 0-5V (optional using EDA Analog)
Dedicated port	Ignition port, one wire data wire for ERM accessories (eNet protocol)
Power Supply	9-32VDC, 20-30mA, Low power mode (GPS off)< 10mA, Power save mode (Standby)< 3.0mA (average)
Back up battery	Rechargeable, 3.6V, 750mAh (Li-Poly or Li-ion)
Car interface	Ignition On/Off, Engine On/Off (by voltage), VSS, CAN BUS (optional using eData/ CANalog/eCAN)
Configuration/ Firmware Update Doto Logger	OTA /Via Standard PC USB Port, parameters setup, software programming Up to 10,000 messages

ENVIRONMENT

Operating temperature	-20 to 70°C
Storage temperature	40 to 85°C
Dimensions	9.2cm x 6.5cm x 2.8cm
Weight (NET)	120g
Durability	Water and vibration resistance
Mox. relative humidity	90+/-5%
Certifications	CE, FCC, PTCRB, IC

SOFTWARE TOOLS AND APPLICATION

Storlink Monitor	Local row data monitor and configuration
Message Builder	StarLink configuration builder for diagnostic