

tracknstop™

Complete Vehicle Fleet Security 24/7 x 365
Encrypted Security for your Critical Vehicles

TNS2200 Data Sheet

Overview:

The TNS2200 encrypted GPS fleet tracking system and specialized remote technology allows users to track their vehicle's movements from anywhere in the world. Our user-friendly system gives users the ability to monitor their vehicle's movements in real-time, 24 hours a day, 7 days a week over 2G, 3G and 4G (LTE) Networks.

TNS2200 lets you remotely stop a moving vehicle safely anywhere, anytime. With our proven technology, we allow vehicle owners to securely send a 'stop' command to any TracknStop fitted vehicle. This command is received in seconds and will slowly stop the vehicle in the event of vehicle hi-jack, vehicle theft or where a vehicle is being used in a dangerous and unlawful fashion. Once the vehicle has been secured the stop command can be withdrawn and the vehicle can be started and driven immediately

Other Features Include: Tracking, Motion Alerts, Encrypted Data & Position Information, Full LTE Support, Create Geo-Fence, Geo-Fence In/Out with Auto-STOP Function, Activity Reports, Solid State Power Control, and Managing Asset Data/Accounts.

Hardware Features:

- 4G (LTE) Cellular Network Connectivity
- Remote vehicle stop
- Remote ignition disable
- Globally tracked with 2.5m GPS accuracy
- Multi-channel GNSS (GPS/Galileo/GLONASS/BeiDou)
- Managed/viewed using TracknStop 'Shield' software
- Internal/External Antennae for enhanced security/reception
- Fully encrypted location data
- Google Cloud (minimal IT overhead/instant set-up)
- 3D accelerometer to monitor driver behavior
- Low power operation
- Position updates every 15 second
- Day/Time/Speed based Geo-Fences
- Waypoints
- Solid state power controller with fault recovery
- Google maps interface for ease of use
- Day/Time/Speed based Geo-Fences
- Google maps interface for ease of use
- Configure alerts including motion, Geo-fence, driver behaviour
- 12v/24v compatible
- Mobile-friendly UI (mgt. from smartphone/tablet)
- European designed and manufactured

Optional Features:

- Software interface customized to fit your brand
- Engineers Installation console (fit, activate and test)
- Global version available
- Customers 'view only' restricted access



Specifications:

General

Communication Modes: GPRS/EDGE/LTE & TCP/UDP/SMS
Operating Voltage: 12v and 24v

General

Cold Start: 29s (Average)
Tracking: -161 dBm
Sensitivity: -148 dBm
Data Support: SMS, TCP, UDP, HTTP
4G Bands: 2,4,5,7,17 (US)
3G Bands: 850/900/AWS/1900/2100 MHz (Global)
4G Bands: 850/900/1800/1900 MHz (Global)

Electrical

Power Consumption: <1mA 12V (Sleep)
50mA 12V (Active Tracking)

Environment

Operating Temperature: -40 ~ +85°C
Storage Temperature: -40 ~ +85°C

Humidity: 5% to 50% non-condensing



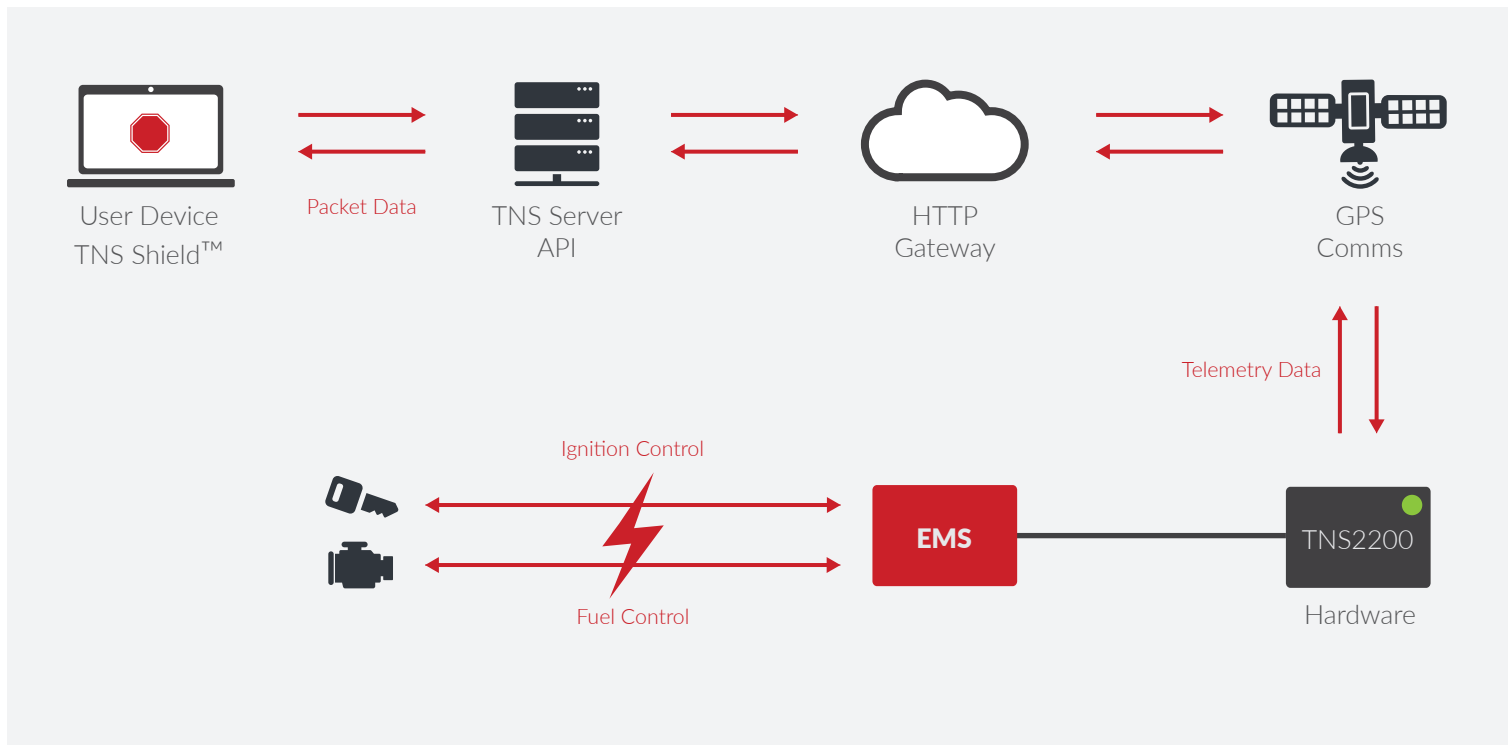
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Communication:



Software:

Our proprietary software TNS Shield™ is a fully secure, managed software platform designed to provide real-time vehicle tracking and unparalleled security features to fleets of any size. The software is purpose built to seamlessly integrate with the TNS Hardware products.

Built upon Google Cloud Platform, it provides the security and scalability essential to the ever-changing landscape of vehicle security.

