

tracknstop™

Complete Vehicle Fleet Security 24/7 x 365
Keeping Your Vehicles Safe and Secure

TNS2100 Data Sheet



Overview:

The TNS2100 integrated GPS fleet tracking system and specialized remote technology allows owners to track their vehicle's movements from anywhere in the world. Our user-friendly system gives fleet managers the ability to monitor their vehicle's movements in real-time, 24 hours a day, 7 days a week.

Our system 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 Once the vehicle has been secured the stop command can be withdrawn and the vehicle can be started and driven immediately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, Create Geo-Fence, Geo-Fence In/Out, Activity Reports and Managing Asset Data/Accounts.

Hardware Features:

- Globally tracked with 2.5m GPS accuracy
- Managed/viewed using TracknStop 'Shield' software
- Google Cloud (minimal IT overhead/instant set-up)
- 3D accelerometer to monitor driver behavior
- Remote vehicle stop
- Remote ignition disable
- Quick installation by your technicians
- Low power operation
- Position updates every 15 seconds
- Day/Time/Speed based Geo-Fences
- Google maps interface for ease of use
- Configurable alerts including motion, Geo-fence
- 12v/24v compatible
- Mobile-friendly UI (mgt. from smartphone/tablet)

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 & TCP/UDP/SMS
Operating Voltage: 12v or 24v
TTFB (Open Sky): Cold Start: 27s (Average)
Warm Start: 27s (Average)
Hot Start: 1s (Average)

Data Support: SMS, TCP, UDP
GSM/GPRS: 850/900/1800/1900

Electrical

Power Consumption: 1mA 12V (Sleep)
12mA 12V (Power Save)
100mA 12V (Active Tracking)

Environment

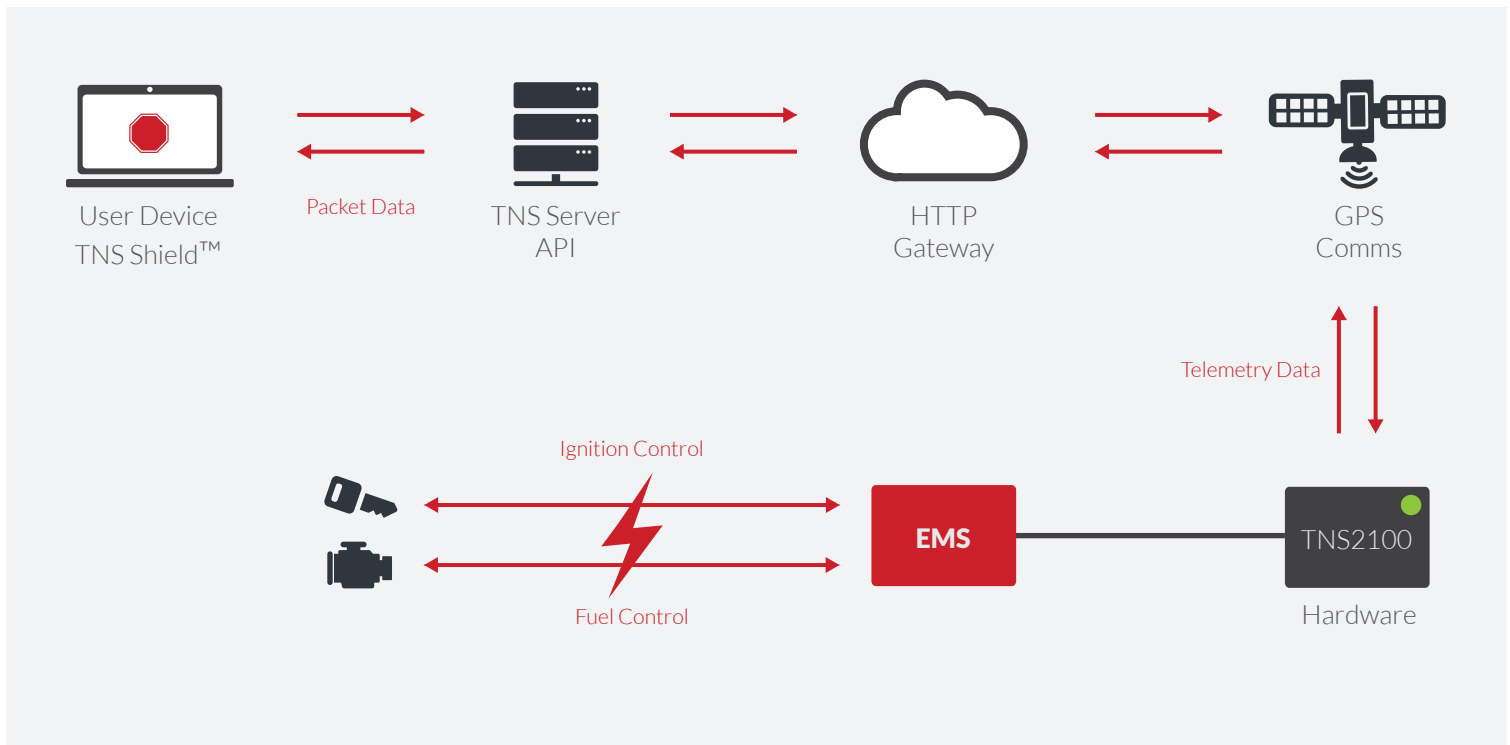
Operating Temperature: -40 ~ +80°C (without Backup Battery)
-10 ~ +50°C (with Backup Battery)

Humidity: 95%RH @ 50°C non-condensing
EMC/EMI: SAE J1113; FCC-Part 15B



TNS2100 Data Sheet

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.

