



SU-2700

The SU-2700 device is a low-cost high-quality vehicle tracking system.

Service fees start from a low \$20 per month or \$199 per year

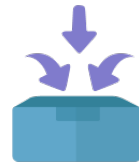
KEY FEATURES



The SU-2700 uses the latest 4G Cat M1 modem using the Telstra Network. Should you travel outside of mobile coverage, the data will be stored and uploaded when coverage is available.



The SU-2700 delivers live tracking. The SU-2700 provides updates when the ignition is turned on or off, an event, every time the vehicle changes direction or every 30 seconds, whichever comes first!



The SU-2700 can capture two external PTO's activities. For example the deployment of a HIAB or bin lift. The SU -2700 features a digital output. The digital output can remotely trigger an external device, for example, a safety beacon.



The SU-2700 software and APP are straightforward to use. Its extremely intuitive and our team are always on hand to provide one-on-one training if needed.



The SU-2700 uses its built-in accelerometer to provide intelligent movement-based tracking. This means that even if the ignition is not triggered (for example, the vehicle is towed), location updates can still take place.



Get outstanding business-grade reporting with the SU-2700. There are many standard reports or quickly produce your custom design reports. Schedule email reports regularly.



Keep on top of service and maintenance. The SU-2700 provides service and maintenance reminders. Service reminders are sent via email or to our App.



Monitor driver behaviour using the SU-2700. Receive automated alerts for excessive acceleration, braking or harsh cornering. A Driver profile is available based on historical data.



The SU-2700 electronically records the Odometer. An accumulative total is maintained. Armed with Odometer records, The SU-2700 makes maintenance and utilisation management is a breeze.

KEY FEATURES



The SU-2700 provides alerts and reports based on Geofence activity. Download or schedule detail activity reports showing arrival time, departure time and site time.



The SU-2700 is a professional grade device using the very best quality materials and components. Every device passes our 100% quality control process before it leaves our warehouse.



Do you need a temporary or portable tracking solution? The SU-2700 has an optional [OBDII](#) or [Cigarette Lighter Power Harness](#) available for Plug and Play Installation



The SU-2700 features a 200mA LiPo internal backup battery pack. In the event external power is cut or fails, an alert can be triggered. Alerts can be emailed or sent as a push notification to our APP.



The SU-2700 offers an optional driver ID system. Choose from a simple Dallas Key through or use existing RFID, or MiFare staff ID Cards.



Easy integration! The SU-2700 provides the option of Third-Party integration. Options include webhook, TCP or HTTPS, Direct and Data Splitting. (Additional fees may apply)



Our customers are provided business hour support from 8.00 am to 8.00 pm Monday to Friday, with 24-hour service for critical support issues.



Buy with **total** confidence. The SU-2700 comes with a no-quibble 14-day money-back guarantee. If you're not happy with your purchase, simply return it.



Relax, you're in great hands. A continuous warranty supports the SU-2700 as part of our service plan for complete peace of mind.

CONNECTIVITY

4G LTE-M / NB-IoT

uBlox SARA-R410M Modem operates on all major global LTE-M and NB-IoT

LOCATION

Module

uBlox EVA-M8

Constellation

Concurrent GPS / GLONASS

Channels

72 Channel High Sensitivity Receiver

Tracking Sensitivity

-167dBm industry-leading tracking performance

AssistNow Offline

GNSS aiding data (such as ephemeris, time, coarse position) for a faster Time To First Fix (TTFF).

Low Noise Amplifier

GPS signals are boosted by a unique low-noise amplifier (LNA) allowing operation where other units fail.

POWER

Input Voltage

8-36V DC (max)

Self-Resetting Fuse

Built-in self-resetting fuse makes installation simple and safe. Stringent automotive power “load dump” tests are conducted to ensure operation in the harshest electrical systems.

Operating Current

~25/50mA when moving ~150mA battery charging Sleep Current <1 mA

Back-Up Battery

200mA LiPo internal backup battery pack

MECHANICS / DESIGN

Dimensions

L 95 x W 55 x H 17 mm

Weight

79g

Housing

ABS Polycarbonate Plastic

Operating Temperature

-20°C to +60°C (connected to external power) At < 0°C and > +40°C the internal backup battery will not be charged as a safety precaution due to the dangers associated with charging batteries at extreme temperatures. Installation 12 Pin harness as standard. Optional OBDII or cigarette lighter power harnesses available for plug and play installation.

GPS Antenna

Internal

Cellular Antenna

Internal

3-Axis Accelerometer

3-Axis Accelerometer to detect movement, high G-force events, and more. Diagnostic LED Diagnostic LED signifies operation status. Flash Memory Store weeks of records if device is out of cellular coverage. Storage capacity for over 10 days of continuous 30-second logging.

INTERFACES

Digital Inputs

2 x Digital Inputs with configurable pull-up/down
0-48V DC input range
On/Off thresholds:
Pull-up enabled: low at 0.8V, high at 1.0V
Pull-down enabled: low at 2.0V, high at 2.4V

Digital Outputs	<p>1 x Switched Ground Digital Output Easily wired up to switch external lights, relays, buzzers, etc. Can be used to immobilize a vehicle</p> <p>1 x dedicated ignition Digital Input 0-48V DC 5V on/off threshold</p>
Switched Power Out	<p>3.5-4.5Vout Max current 200mA</p>
TLL Interface	<p>Serial interface used to connect a Simply UnifiedRFID reader for Driver ID. 1-Wire® or iButton®1-Wire® or “iButton®” can be used to read Driver ID tags. Readers available to suit multiple card formats.</p>
SMARTS	
Auto-APN	<p>Auto-APN allows the device to analyze the SIM card and select the correct APN details from a list that is pre-loaded in the device’s firmware.</p>
Accident & Rollover Detection	<p>Configure accident and rollover alerts triggered by extreme changes in velocity and orientation of vehicle or equipment. Second-by-second GPS data is saved on the device’s flash memory, with a capacity of approximately 2 hours of data. In the event of an accident, a subset of the data (60 seconds before / 10 seconds after) is uploaded to the server automatically (if configured) or can be requested manually for a detailed reconstruction of the incident.</p>
Driver ID Options	<p>RFID reader or iButton® interface for Driver ID, access control, and I-logbooking.</p>
Driver Safety & Behavior	<p>Monitor speeding, harsh acceleration, braking, cornering, idling, and more to improve safety and prevent unnecessary wear on vehicles.</p>
Geofencing	<p>Create custom geofences and alerts if an asset enters or leaves specific locations.</p>
Geofence Download to Device	<p>Geofences can be downloaded directly to the device from Telematics Guru for enhanced location-based actions and alerts.</p>
In-Vehicle Alerts	<p>Can be wired up to external buzzers or lights for in-vehicle alerts.</p>
Lone Worker Safety	<p>Interface a variety of duress pendants to enable man-down alerts for lone worker safety monitoring.</p>
Preventative Maintenance	<p>Set reminders based on distance traveled and run hours to reduce maintenance and repair costs.</p>
Real-Time Tracking	<p>Device remains continuously connected while on the move for real-time asset tracking.</p>
Theft Recovery	<p>Switch to Recovery Mode in the case of theft or loss to activate real-time tracking at 30-second intervals for asset retrieval.</p>
Remote Immobilization	<p>Digital outputs can be connected to a relay to enable remote immobilization of vehicles and equipment in the case of theft, abuse, or unauthorized usage.</p>
Run Hour Monitoring	<p>Calculate run hours and distance traveled (odometer) to understand and optimize asset utilization.</p>
Sensor Monitoring	<p>Interface with a range of devices and switches for seatbelt detection, duress and panic buttons, lights, in-cab warning buzzers, and more. Tamper Alerts Instant alert if the device is removed from your asset or disconnected from its power source.</p>

DEVICE MANAGEMENT

Flexible Configuration

Configure device parameters such as heartbeat rate accelerometer settings, and more to fit any tracking

INTEGRATION

Third-Party Integration

Webhook, TCP or HTTPS, Direct and Data Splitting Integration Options

PERIPHERALS

RFID Driver ID Reader

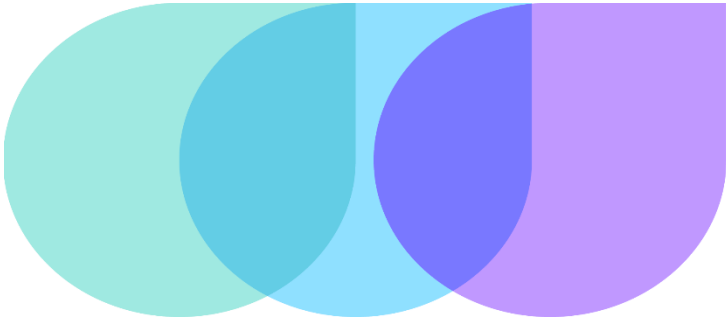
RFID Driver ID Reader

SECURITY

Data Security Military-level AES-256 Encryption from device to OEM Server to protect the integrity and confidentiality of telematics data. Data forwarded to third-party systems is sent via HTTPS for end-to-end security.

WARRANTY

Continuous warranty as part of your service fee..



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