



## SU-6500

The SU-6500 is a small, lightweight and robust battery-powered tracking device.

### **GPS Format.**

Location is obtained using our high-precision GPS/GLONASS technology.

### **WiFi Format**

The WiFi version of the SU-6500 uses WiFi positioning for indoor and outdoor tracking. In addition to WiFi, the SU6500 WiFi uses mobile phone masts as a fallback.

### **No Lock-In Contract**

**Service fees start from a low \$10 per month or \$99 per year**

***Notice: batteries are included on all Asset Tracking***



## FEATURES



### TELSTRA 4G CAT M1 CONNECTIVITY

The SU-6500 uses the 4G Cat M1 modem using the Telstra Network, Rest assured you're getting the best coverage. In the event the SU-6500 is out of coverage, data will be stored and uploaded when coverage is available.



### REAL-TIME TRACKING

The SU-6500 is highly configurable, select from a single daily location update, through to real-time tracking and everything in between.



### UP TO 2 YEAR BATTERY LIFE

Using the SU-6500 has a two-year battery life.

\*Calculation based on 1 daily update in optimal conditions



### WI-FI POSITIONING

The SU-6500 (WiFi Version) uses Wi-Fi positioning systems to track assets indoor as well as outdoors. As a fall back to Wi-Fi, the SU-6500 can also get an approximate location using mobile phone masts.



### BATTERY MANAGEMENT

The SU-6500 has Built-in Battery Management for monitoring battery use and accurate remaining life predictions.



### IP67 RATED

The SU-6500 is rated to IP67 ensuring the device is dustproof, can withstand high-pressure spray and submersion in water for up to 30 minutes at a depth of 1 meter.



### **MOTION ACTIVATED ALERTS**

The SU-6500 can be configured to provide location updates based on motion.



### **INTELLIGENT GEOFENCING**

The SU-6500 provides alerts and reports based on Geofence activity. Download or schedule detail activity reports showing arrival time, departure time and site time.



### **BUSINESS GRADE REPORTS**

Get outstanding business-grade reporting with the SU-6500. There are many standard reports or quickly produce your custom design reports. Schedule email reports regularly.



### **THIRD-PARTY INTEGRATION**

Easy integration. The SU-6500 provides the option of Third-Party integration. Options include webhook, TCP or HTTPS, Direct and Data Splitting. (Additional fees may apply)



### **EASY TO USE SOFTWARE**

The SU-6500 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.



### **THEFT PROTECTION AND RECOVERY**

Should the worst happen and your vehicle is stolen, activate the recovery mode turn on-live tracking at 30-second intervals for vehicle retrieval.



### 24-HOUR SUPPORT

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.



### 14-DAY MONEY BACK

Buy with **total** confidence. The SU-6500 comes with a **no-quibble** 14-day money-back guarantee. If you're not happy with your purchase, simply return it.



### CONTINUOUS WARRANTY

Relax, you're in great hands. A **continuous warranty** supports the SU-6500 as part of our service plan for complete peace of mind.

## SPECIFICATIONS

### CONNECTIVITY

<b>Both Version's</b>	4G LTE-M / NB-IoT uBlox SARA-R410M Modem operates on all major global LTE-M and NB-IoT bands. Supported LTE bands: 1*, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 26*, 28 (*roaming bands)
<b>SIM Size &amp; Access</b>	Internal Nano 4FF SIM

### BATTERIES

<b>User-Replaceable Batteries</b>	3 x AAA
<b>Battery Life</b>	Up to 2 years of battery life at once-daily heartbeats.
<b>Supported Battery Types</b>	Lithium (LiFeS2)

### LOCATION

#### WiFi Version

WiFi Positioning System	Indoor asset location using WiFi Positioning Systems. Cell tower fallback for positioning when no networks are nearby.
<b>Cell Tower Fallback</b>	Cell tower fallback for positioning when no WiFi and/or networks are nearby.

#### GPS Version

<b>Module</b>	uBlox EVA-M8
<b>Constellation</b>	Concurrent GPS / GLONASS
<b>Channels</b>	72 Channel High Sensitivity Receiver
<b>Tracking Sensitivity</b>	-167dBm industry-leading tracking performance
<b>AssistNow Offline</b>	GNSS aiding data (such as ephemeris, time, coarse position) for a faster Time To First Fix (TTFF).
<b>Low Noise Amplifier</b>	GPS signals are boosted by a unique low-noise amplifier (LNA) allowing operation where other units fail.

### POWER

<b>Input Voltage</b>	4-6V DC Sleep Current <10uA* *Average current in lowest power configuration.
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## SPECIFICATIONS

### MECHANICS / DESIGN

<b>Dimensions</b>	L 85 x W 63 x H 24mm
<b>Weight</b>	96g
<b>Housing</b>	ABS Polycarbonate Plastic
<b>IP Rating</b>	IP67 rated housing ensures device can withstand fine dust, high-pressure spray, submersion for 30 mins in 1m of water, and extreme temperatures.
<b>Operating Temperature</b>	<b>-20°C to +60°C</b>
<b>Installation</b>	Compact and concealable. Multiple installation options for covertly and easily securing the device to assets with screws, bolts, cable ties, rivets, and more.
<b>Cellular Antenna</b>	Internal
<b>3-Axis Accelerometer</b>	3-Axis Accelerometer to detect movement and high G-force events.
<b>Diagnostic LED</b>	Diagnostic LED signifies operation status.
<b>Flash Memory</b>	Store weeks of records if device is out of cellular coverage. Storage capacity for over 10 days of continuous 30-second logging.

### SMARTS

<b>Auto-APN</b>	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.
<b>Geofencing</b>	Create custom geofences and alerts if an asset enters or leaves specific locations.
<b>Impact Detection</b>	Configure impact-detection alerts when g-forces are exceeded by a user-defined threshold.
<b>Periodic or Movement-Based</b>	Configure parameters to send updates based on set time intervals (1x, 3x, 5x a day, etc) or when movement occurs. Adaptive tracking technology detects when the device is on the move and increases the update rate, providing detail when you need it while conserving battery when stationary.
<b>Preventative Maintenance</b>	Set reminders based on distance traveled and run hours to reduce maintenance and repair costs.
<b>Theft Recovery</b>	Switch to Recovery Mode in the case of theft or loss to activate real-time tracking at 30-second intervals for asset retrieval.
<b>Run Hour Monitoring</b>	Capture run hours based on movement to understand and optimize asset utilization.
<b>Sleep Mode</b>	Stationary devices enter sleep mode, switching the update rate to only twice per day until movement occurs to conserve battery life and optimize data usage.

## **SPECIFICATIONS**

### **DEVICE MANAGEMENT**

**Flexible Configuration** Configure device parameters such as heartbeat rate, movement and accelerometer settings, and more to fit any tracking application.

### **INTEGRATION**

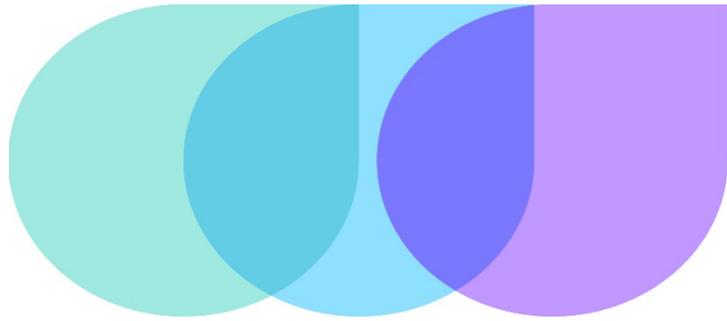
**Third-Party Integration** Webhook, TCP or HTTPS, Direct and Data Splitting Integration Options

### **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**

A continuous warranty supports the SU-6500 as part of our service plan for complete peace of mind.



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