



SU-6800 Mini

The SU-6800 Mini is a compact, rugged GPS tracking device that has been designed for tracking containers, trailers, skip bins, and other assets where super-long battery life is required without sacrificing the frequency of updates and performance.

No Lock-In Contact

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

Notice: batteries are included on all Asset Tracking Devices

FEATURES



TELSTRA 4G CAT M1 CONNECTIVITY

The SU-6800 Mini uses the 4G Cat M1 modem using the Telstra Network, Rest assured you're getting the best coverage. In the event the SU-6800 Mini is out of coverage, data will be stored and uploaded when coverage is available.



REAL-TIME TRACKING

The SU-6800 Mini is completely configurable, choose from a single daily location update, through to real-time tracking and everything in between.



UP TO 5 YEAR BATTERY LIFE

Using the SU-6800 Mini provides up to 5 years of battery life using 4 Energiser AA batteries. Calculation based on 1 daily update in optimal conditions.



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.



BATTERY MANAGEMENT

The SU-6800 Mini has Built-in Battery Management for monitoring battery use and accurate remaining life predictions.



IP67 RATED

The SU-6800 mini 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.

FEATURES



MOTION ACTIVATED ALERTS

The SU-6800 Mini can be configured to provide location updates based on motion.



INTELLIGENT GEOFENCING

The SU-6800 Mini 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-6800 Mini. There are many standard reports or quickly produce your custom design reports. Schedule email reports regularly.



THIRD-PARTY INTEGRATION

Easy integration. The SU-6800 mini 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-6800 Mini 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.



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-6800 Mini comes with a **no- quibble** 14-day money-back guarantee. If you're not happy with your purchase, simply



CONTINUOUS WARRANTY

Relax, you're in great hands. A **continuous warranty** supports the SU-6800 Mini as part of our service plan for complete peace of mind.

SPECIFICATIONS

CONNECTIVITY

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)

SIM Size & Access

Internal Micro 3FF SIM

BATTERIES

User-Replaceable Batteries 3 x AA

Battery Life Up to 5 years of battery life at once-daily heartbeats / 1 year battery life at once-hourly heartbeats.

Supported Battery Types

Lithium (LiFeS₂) Lithium Thionyl Chloride (LTC)

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

5-16V DC

Sleep Current <10uA*

*Average current in lowest power configuration.

MECHANICS / DESIGN

Dimensions

L 108 x W 86 x H 31mm

Weight

194g

Housing

Ultra-Rugged Nylon Glass

IP Rating

IP67 rated housing ensures device can withstand fine dust, high-pressure spray, submersion for 30 mins in 1m of water, and extreme temperatures.

Operating Temperature

-20°C to +60°C For operation in extreme temperatures use LTC Batteries.

Installation

Compact and concealable. Multiple installation options for covertly and easily securing the device to assets with screws, bolts, cable ties, rivets, and more.

GPS Antenna

Internal

Cellular Antenna

Internal

3-Axis Accelerometer

3-Axis Accelerometer to detect movement, high G-force events, and more.

SPECIFICATIONS

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.

SMARTS

Auto-APN 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.

Battery Life Monitoring Built-in Battery Meter for monitoring battery use and remaining life predictions.

Geofencing Create custom geofences and alerts if an asset enters or leaves specific locations.

Geofence Download to Device Geofences can be downloaded directly to the device from Telematics Guru for enhanced location-based actions and alerts.

Impact Detection Configure impact-detection alerts when G-forces are exceeded by a user-defined threshold.

Periodic or Movement-Based 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

Theft Recovery Switch to Recovery Mode in the case of theft or loss to activate real-time tracking at 30-second intervals for asset retrieval.

Sleep Mode 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.

Tilt Detection 1-axis angle reporting, tip detection, and rotation counting.

DEVICE MANAGEMENT

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

INTEGRATION

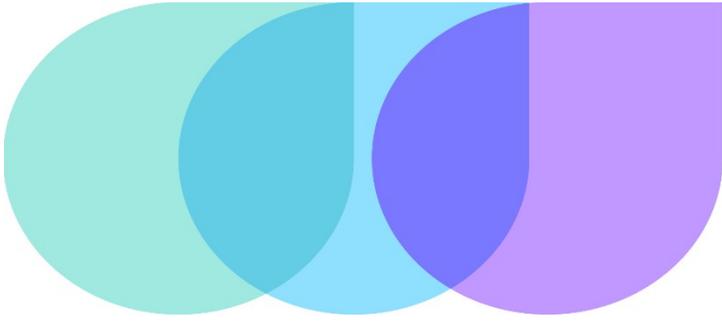
Third-Party Integration Webhook, TCP or HTTPS, Direct and Data Splitting Integration Options

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

Relax, you're in great hands. A continuous warranty supports the SU-6800 Mini as part of our service plan for complete peace of mind.



Simply Unified

Simply Unified Pty Limited

Unit 8, Blackburn Drive, Port Kennedy. Western Australia. WA 6172



1300 599 540



sales@simply-unified.com.au



simply-unified.com.au