



UC Modular V2 Tracking Unit

GSM / GPS Dual-Band Modular Tracking System

The Modular V2 is a component level GSM/GSM tracking unit specifically designed for bespoke applications. Small, compact and fully functions with live tracking, data logging and 2-way audio the unit is suitable for object or covert personal tracking applications.

Power

The operating time is from **13 hours** (in full mode) over **7 days** on standard supplied external battery.

N.B. Operational life is dependent of duration and frequency of live tracking and GSM / GPS coverage.

Data logging

The unit has a powerful onboard Flash memory. This allows the system to store information about position, time, heading, speed, etc. The system can be configured to log every 20 sec to every 42 mins. The unit will send a SMS warning when the log is nearly full to prevent overwriting of information. The log file can be downloaded via GSM to the CP2 tracking software or directly via an RS485 cable.

Tracking

Supports live tracking from the CP2 software **via SMS or Data** connections. Software configurable to on movement, inputs or periodic intervals. Reports **GSM signal strength** and **number of satellites in use** whenever it's reporting to the CP2 software.

GSM

The UC Modular has a **Tri-band GSM modem** allowing global deployment.

GeoFence Monitoring

The Modular has **16** configurable GeoFence areas. The system can be configured to **trigger alarm messages** when leaving and/or entering defined areas.

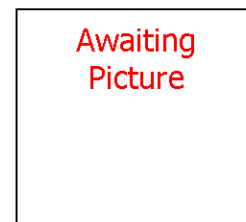
Audio and Remote Listening

The UC Modular support 2 way audio via standard supplied cable or custom cabling.

In/outputs

The Modular has **1 configurable user input and 1 output**. The input can be configured as an **emergency alarm**.

- **Worldwide Tri-Band GSM**
- **13 hours to over 7 days of Operation**
- **2 way audio communications**
- **Battery Powered**
- **Emergency Input Alarm**
- **User Configurable Output**
- **Exchangeable Antennas**
- **GSM and Satellite Status**
- **30,512 position log**
- **Lightweight, only 54 g**
- **Small size 84 x 40 x 10mm**
(excluding remote battery)
- **Automatic status reporting**
- **Silent vibrating alerts**
(subject to end user configuration)
- **Motion sensor**
- **Packaged for Bespoke Applications**





UC Modular V2

Specifications for the UC Modular V2 Component Tracking Unit

Physical

Size:	84mm x 40mm x 10mm plus remote antennas and battery
Enclosure:	Machined Aluminum enclosure
Connections:	Tri band GSM antenna Active GPS antenna
Weight:	54 grams

Memory

Data logging:	30,512 positions
Records location:	On timer
Download:	Via GSM data or cable

Power Management

Power mode:	3 different power modes
On external battery:	Between 13 hours and 7 days Battery packs are exchangeable for bespoke power management Height 60 mm, Width 40 mm, Thickness 10 mm (including enclosure).

GSM

GSM module:	Tri-band GSM module
Communication:	SMS and Data

GPS

GPS module:	12 channel GPS receiver
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Input / Output

I/O Support:	1 input, 1 output. User configurable
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Environmental Elements

Operating temperature:	-10° Celsius to 45° Celsius.
Enclosure:	Machined Aluminum casing or user bespoke casing