The FJ1200 family of mobile positioning units delivers a rich tracking feature set on the latest 4G cellular networks. This waterproof unit comes equipped with a comprehensive set of inputs and outputs and backup battery to meet most utility trailer, motorcycle and power sport applications. The FJ1200 family features Positioning Universals mobile adaptable firmware environment based on a lightweight JavaScript engine. The JavaScript engine enables developers to implement event based scripting quickly and easily using the most popular web language, bringing the power and security of the web eco-system to the FJ1200 product. The data generated by the unit can be transmitted via TCP, UDP or SMS messages. The FJ1200 family is also managed, configured and updated Over-The-Air with Positioning Universals new Device Management system (DMAN), which assists to improve device up-time, productivity and customer satisfaction.

**Key Advantages**

- Waterproof 4G LTE operations with dual cellular antennas
- 1500 mAh backup battery
- Comprehensive I/O configurations
- Driver behavior, motion, and impact reporting
- Advanced power management
- Over-The-Air device sustainability
- Adaptable JavaScript Environment
- Cloud device management system
Key Features

- IP67 rated waterproof sealed enclosure
- 4G LTE CAT 1 network connectivity with dual integrated cellular antennas
- High sensitivity GPS design
- 1500 mAh battery backup limits workloads on smaller power sport main batteries and enables operation when power is disconnected
- 3-axis accelerometer for motion, driver behavior & impact detection
- Advanced power management capabilities enabling sleep and wake activities to reduce power needs
- IP67 sealed 4 wire harness with input/output
- Communications via TCP, UDP and SMS to send event reports (location, speed) to application server via the LTE (4G) cellular network
- Lightweight JavaScript Engine enables simple, flexible and rapid behavior modification of the device
- 1 serial UART interface to connect smart accessories including sensors, Magnetic/RFID readers, mobile data terminal and more
- 2K message storage log when out of coverage
- OTA (Over-The-Air) device management to update device configurations, update firmware, send alerts
- Optional built-in Piezo buzzer for audible alerting