



AS31

Battery Powered Asset & Vehicle Tracker

Maximize efficiency, Maximize risks, Manage assets.

Ideal for stolen vehicle, goods or other assets to be tracked with no installation process required. The battery-powered, small-size AS31 GPS tracker is designed to be used with internal non-rechargeable battery only for fast installation. It is a “Slap & Track” GPS tracker. The AS31 provides asset location tracking and receiving alerts when the asset has been moved or tampered with, plus many more features.

IT'S RELIABLE

The AS31 is a high-performance, IP67 rated device. It includes an integrated LTE Cat.M1 & NB1 & GSM modem, a GNSS receiver, and a 3-axis accelerometer, for cellular data communication, location tracking, and motion detection respectively.

IT'S SIMPLE

With Non-chargeable batteries the AS31 can be easily used anywhere the tracking is required.. AS31 can be programmed to wake-up on motion, upon a preset schedule. Reports can be triggered periodically or in response to events such as removing, movement, geo-fence violations, and many others.

IT'S FUNCTIONAL

The AS31 comes with pre-configured software. Its internal motion sensor and configurable event alarms enable total management of your high-value assets. The device supports variable frequency reporting when moving or stationary.



HIGHLIGHTS

- LTE Cat-M1, NB-IoT & GPRS
- Integrated cellular and GNSS antenna
- LED status indicators for GNSS & network registration
- Integrated accelerometer
- BLE5.0 support, low power consumption
- Large Non-rechargeable backup battery for up to 5 years of operation
- SMS, UDP, TCP, FTP & MQTT
- Up to 16 Geo-fences (polygon and circles)
- Over the air configuration and firmware update
- Extended AT Command set for flexible & easy configuration
- Easy installation
- IP67 Rating

AS31 SPECIFICATIONS

A•TRACS™

CELLULAR	LTE Cat-M, NB-IoT LTE-FDD Bands: 1/2/3/4/5/8/12/13/17 /18/19/20/25/26/28 LTE-TDD B39 (For Cat.M1 only) GSM: 850/900/1800/1900 Integrated high-performance antenna Auto register to LTE network	ELECTRICAL	Operating Current Sleep/Hibernate: < 20uA Tracking 150mA Typical Reporting: 250mA Typical
GNSS	GPS, GLONASS, BeiDou & Galileo Tracking Sensitivity: -161 dBm Acquisition Sensitivity: -146 dBm Location Accuracy: < 2.5CEP	PHYSICAL	Dimensions: 96.7 x 44.5 x 30.5mm Weight: TBD g Internal Cellular and GNSS Antenna
SENSOR	Accelerometer : 3x	INTERFACE IOs (for maintenance only)	I/O Connector: 5-pins water-proof (POGO Pin) UART1 TTL (3.3V) (RX/TX) (*2) Two GPIOs (*2) GND (*1)
BATTERY INFORMATION	Type : non-rechargeable battery Capacity : 6000mAh @ 3.0V Operating Time : Up to 5years @ 1 report per day (depends on the LTE signal strength and how many reports per hour)	APPROVALS OR IN PROCESS	FCC 47 CFR Part 22, and Part 24 PTCRB & Carrier Approved
ENVIRONMENTAL	IP67 Rating Operation Temperature: -30°C to +75°C Storage Temperature : -40°C to +85°C		

*Data plan may be required. Coverage subject to network availability.

**Battery life may vary depending upon coverage and/or number of connected devices.

For support information: support@atel-usa.com

Visit our website: www.atel-usa.com

Specifications are subject to change. Please see your ATEL contact for more details.

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