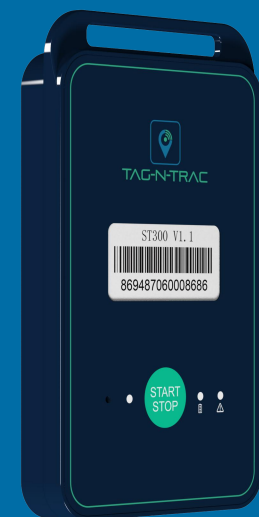


Global connectivity
**Global 4G Cat.1
With 2G Fallback**

**Avoid False
Triggering
Button**

Install Free



Sensors
**Temperture Humidity
Motion Light Pressure**

Positioning Technology

LBS/WIFI

Usage Area
Global

**IP67
Rugged**

Battery types :
Chargeable Li-Ion

Temperature
Accuracy :
0.5 °C

Dimensions:
115.7mm × 68.7mm × 14.8mm

2023 PRODUCT SPEC

“ THE DATA THROUGH THE WHOLE SHIPMENT IS CRUCIAL , SO WHAT WE NEED IS NOT ONLY TRACKER , BUT ALL DATA . ”

Aovx G series tracker devices are ideally for tracking and temperature monitoring of cold chain , food and fruits storage and transportation, ultra thin 8mm, just put it with goods requires monitoring .

Integrates global connectivity by cellular network 2G,4G Cat.1 , NB-IoT and Cat.M1 without data plan contract .

Aovx G series tracker devices have integrated multiple sensors for monitoring of movement , vibration , tampering , delay , temperature, humidity and geofence . Indoor and outdoor positioning supported by WIFI ,LBS and GPS, GLONASS, GALILEO and BEIDOU . Short range wireless BLE [Bluetooth Low Energy] is flexible for easy configuration , pair with external BLE sensors or accessories , which makes G series tracker device working as BLE gateway .

Aovx data is always crucial for assets management , which has been encrypted , data buffer capacity and uploaded via TCP/MQTT protocols ,make it easy to deploy in the cloud platform. Firmware over the air OTA is always important for after sale maintenance .

Aovx insight platform view location and condition data of your shipments in real time to ensure on time and in full delivery , specify the constraints relevant to your shipments and receive notifications when issues arise and create detailed reports to share with customers and analyze your data to identify improvement opportunities.



“AOVX VISION IS TO HAVE SHIPMENT FULLY TRANSPARENT , WHERE THE ASSETS ARE ALL IN SAFE AND UNDER CONTROL ”

" People in the world are connected by mobile phone in the daily life , they share the location , emotion in the internet . At the age of IoT , we are thinking about if it is possible to have a basic functional mobile phone for these assets , which make them connected and have their data managed , it would make shipment smarter and make assets safer . That's the reason why Aovx is here . Aovx team members are from Quectel , Queclink , Hikvision and Sony . Strong knowledge of cellular modules , worldwide network and regulatory in tracker field .

Aovx assets tracker solutions corp. is committed to protecting the assets in warehouse and in-Transit process , rather than location service , assets condition is also under monitored - vibration status , temperature alert embedded with multiple sensors and wireless technology , 4G LTE , NB-IOT and Cat.M1 , WIFI and BLE .

Supported by "service consciousness, customer experience, executive action " business philosophy, continue to provide customers with stable and reliable product and technology sales services, grow together with customers success."

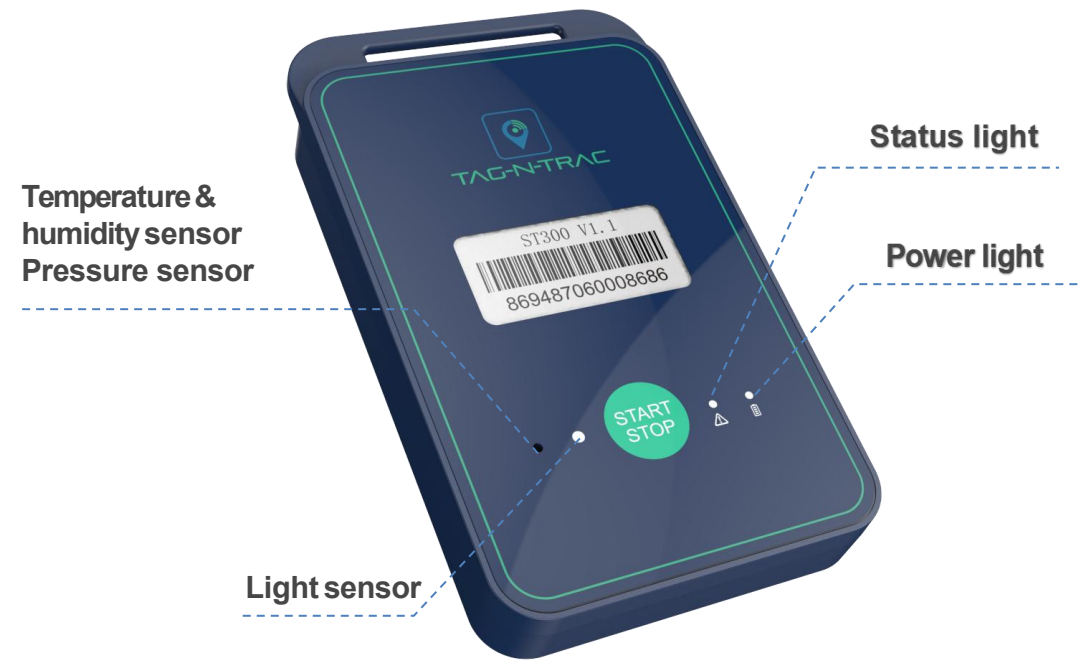
RICKY GUO

CEO

Aovx assets tracker solutions corp.



OVERVIEW



FEATURES

General Specification

| | |
|-----------------------|----------------------------|
| Operating Temperature | - 40°C~+55°C |
| Dimensions | 115.7mm × 68.7mm × 14.8mm |
| Weight | Approx. 119g |
| Firmware Upgrade | USB interface, OTA |
| Data Encryption* | TEA, AES or RSA*(optional) |
| Supply Voltage | 3.7V Rechargeable |
| Stand-by Current | ≤80uA |
| Battery Life | 1 Year @ 1 report per day |
| Waterproof Grade | IP67 |

Global Network

Variant for the Global

| | |
|---------|--|
| LTE-FDD | B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B25 /B26/B28/B66 |
| LTE-TDD | B34/B38/B39/B40/B41 |
| GSM | GSM850/ EGSM900 /DCS1800/PCS1900 |

General Specification

| | |
|------------------------------|---|
| Horizontal Position Accuracy | Autonomous: <25m CEP |
| Pressure Accuracy | Relative accuracy:±0.06hPa,equiv.to±0.5 m Absolute accuracy:typ.±1hPa(300...1100hPa) |
| Acceleration Accuracy | Without Aid: <0.1m/s ² |
| Reacquisition Time | <1s |
| TTFF @-130dBm with EASY™: | Cold Start: <15s; Warm Start: <5s; Hot Start: <1s |
| TTFF @-130dBm without EASY™ | Cold Start: <35s; Warm Start: <30s; Hot Start: <1s |

Buffer Storage:

| | |
|-------|----------------|
| ST300 | 24000 messages |
|-------|----------------|

Hardware Features

| | |
|---------------------------------|--|
| USB | Type-C |
| (U)SIM Interface | Nano SIM card |
| Cellular Antenna | internal |
| LED | × 2, Power Light, Status Light |
| | |
| Motion Sensor | Gravity Measurement Range: ±2g/±4g/±8g/±16g ODR Bandwidths: 1Hz ~ 400Hz |
| Light Sensor | Measuring Range: 1~ 1000 (adjustable levels) |
| Temperature and Humidity Sensor | Humidity Measurement Accuracy: ±3% RH@ 0°C~+65°C Temperature Measurement Accuracy: ±0.5°C, - 40°C~+65°C |
| Battery Capacity | 3500mAh(Optional) |

Air Protocol

| | |
|-------------------------|--|
| LTE (Cat 1) | LTE FDD: Max 10Mbps (DL)/Max 5Mbps (UL) LTE TDD: Max 8.96Mbps (DL)/Max 3.1Mbps (UL) |
| GSM | Max 85.6Kbps (DL)/Max 85.6Kbps (UL) |
| Transmit Protocol | TCP, MQTT |
| Working Modes | Power saving mode for long standby time Continuous mode for emergency tracking |
| Scheduled Timing Report | Report position and status at preset time intervals |
| Geo-fences | Support up to 5 internal geo-fence regions(platform) |
| Low Power Alarm* | Alarm when internal battery is low |
| Wakeup Report | Report when the device wakes up |
| Motion Detection | Motion detection based on internal 3-axis accelerometer |

* Under Development