

ASSET TRACKING AlphaTrak™ AT312-EQ

The AT312-EQ is designed for powered asset tracking. This unit has been specifically designed and engineered to update on a daily basis or manual locate. It will automatically generate unauthorized movement alerts if an automatically generated perimeter fence is broken. The device will continue to provide an unauthorized movement alert every 30 minutes until stationary. Once stationary, the device creates its own circular perimeter fence, one mile in diameter.

The AT312-EQ can be installed on any asset that contains a 12 or 24 volt power source. The device is built to withstand harsh environments and can function in up to 1 meter of water.

AlphaTrak™ AT312-EQ Benefits

- **Continuous tracking device**
- **Unauthorized movement & disconnect alert**
- **Reduced shrink and waste**
- **Geo-fencing and other GPS benefits**
- **8 or 12 hour tracking options on the AlphaTrak™ web interface**
- **Low monthly rate**
- **Reduced operational liability**
- **Significant insurance savings**



AlphaTrak™ AT312-EQ Features

- **Internal battery backup**
- **Voltage monitoring and low-battery notification**
- **Monitors engine hours**
- **Low power consumption (1mA in sleep mode)**
- **GSM Quad-band (800/900/1800/1900)**
- **Integrated GPS / Cellular antenna**
- **Over-the-air firmware upgrade capability**



AlphaTrak™ AT312-EQ

AT312-EQ Unit Specifications

Physical specifications

| | |
|---------|----------------------------|
| Size: | 4.87" L x 3.5" W x 1.25" H |
| Weight: | 5.6 oz. |

GPS / Cellular Antennas

| | |
|-----------|----------|
| GPS: | Internal |
| Cellular: | Internal |

Temperature

| | |
|-----------|-------------|
| Operating | -30 to +60C |
| Storage | -40 to +75C |

Wireless

| | |
|-------------|------------------------------------------|
| Frequencies | GSM Quad band (850/900/1800/1900 MHz) |
| Regulatory | FCC / IC, PTCRB carriers |

Power

| | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input voltage | +8 to +30 VDC |
| Power Consumption: | 1mA @ 13.8v in sleep mode 35 mA @ 13.8 when running, or when vibration is sensed 550mA @ 13.8v when transferring and receiving data(burst) |

General

| | |
|--------------|----------------------------|
| Orange Solid | Network Connection |
| Orange Flash | Looking for Network |
| Green Solid | GPS Connection |
| Green Flash | Looking for GPS connection |
| Inputs | 1 Biased Low (input 1) |

AlphaTrak™ is your best solution for tracking vehicles and assets across North America. The personal web portal is easy to use, and provides owners and fleet managers the ability to track vehicles real-time. Optionally control ignition and door locks, as well as monitor key functions such as plows, liftgates, and more.

AlphaTrak™ can also alert you via SMS and IVR access when vehicles and assets exceed speed parameters or leave pre-determined areas. Detailed reporting helps owners to manage better, protect against liability, and save on vehicle insurance. AlphaTrak™ can pay for itself alone in your insurance cost savings.