



## AssetTrack Powered Wireless GPS Tracker

Myionu AssetTrack is a cost effective tracker for managing assets that will be deployed for long periods without maintenance requirements. Its design is optimised for periodic location updates, rather than real time tracking. Typical applications include:

- Trailers
- Containers
- Portable Generators
- Construction Equipment
- ATMs

The tracker features a fully sealed and rugged enclosure designed to withstand the harshest outdoor environments. Both cellular and GPS antennas are enclosed within, ensuring reliability and ease of installation. Simply physically mount the unit via screws or magnetically and it's deployed.

The AssetTrack has a built in 3-axis accelerometer which is used to detect asset movement. Upon motion detection, it will wake from deep sleep, perform a location update and then transmit that information back to our portal, we then can be configured to notify your organization as needed of the asset's status.

AssetTrack features a non-rechargeable, long life battery. It can be swapped out with a new battery at the end of its charge. Here are some calculated projections to help you understand its capacity:

- A fully charged tracker supports up to approximately 5,000 locate updates
- At one locate update cycle per day the battery will last approximately seven years
- If no usage, the battery will still have capacity at the end of 15 years for a final 30 min tracking session
- Factors such as cellular coverage strength and GPS acquisition difficulty will influence the above projections

This translates to near maintenance free daily "location" updates for approximately seven years and enables very cost effective asset tracking. Combining this device's capabilities with the power of Myionu forms a formidable asset tracking solution for businesses of all size.



## **Myionu AssetTrack Specifications**

### **Communications**

- GPRS/EDGE/HSPA/ and CDMA 1xRTT packet date, UDP and SMS

### **Location Technology**

- 50-channel GPS (with SBAS), AGPS Capable

### **Location Accuracy**

- 2.0 meter CEP

### **Tracking Sensitivity**

- -162 dBm tracking sensitivity

### **Acquisition Sensitivity**

- -147 dBm acquisition sensitivity

### **Size and Weight**

- 2.25 x 2.25 x 10.5", (55x55x260mm) 32 Ounces, (907 g)

### **Environmental**

#### **Operational Temperature**

- Active use: -30C to +75C
- Storage: -40C to +85C

#### **Shock and Vibration**

- U.S. Military Standards 202G and 810F, SAE J1455

#### **Humidity**

- 95%RH @50 C non-condensing

#### **EMC/EMI**

- SAE J1113, FCC-Part 15B; Industry Canada

#### **Sensors**

- 3-axes Accelerometer

#### **Voltage Monitoring**

#### **Batteries Pack Specifications**

- 3.6 Volt, 57 amp hour, Lithium Field replaceable

#### **Certifications & Approvals**

- FCC
- CE
- IC
- PTCRB

