AT4

AT4-ATK-3W-LTEM-ATT
**LOCATION AND ENGINE
RUNTIME DATA**
WHEN YOU NEED IT

STANDARD EQUIPMENT TRACKER

The Geoforce AT4 Standard Equipment Tracker enables equipment managers to view engine runtime and location for portable powered equipment. By providing higher reporting frequency when the asset is powered on and scaling back reporting when powered down, the AT4 allows companies to more effectively manage portable powered equipment in locations where cellular service is available, and the AT4 will store and forward data created when assets travel out of cellular coverage.

REPORTING RATES

Powered by equipment (ignition on)

- Reports every 15 minutes whether stationary or moving.
- Provides frequent location and engine runtime data during operation.

While stationary (ignition off)

- Reports every 12 hours.
- Provides location and engine runtime at a lower rate reducing data and power usage.

Powered by backup battery

- Reports every 5 minutes when moving and every 12 hours when stationary.
- Provides high data granularity as equipment is being moved or transported.

Improved Powered Equipment Reliability

- Timely asset maintenance detects and corrects small issues before they become big, costly problems.
- Conditional maintenance based on actual engine runtime will help you catch problems while they are still manageable while minimizing wasted service calls.
- Collect readings from remote assets instead of relying on calendar-based schedules, you'll easily stay ahead of your equipment and asset maintenance needs.

LOWER MAINTENANCE COST FOR YOUR POWERED ASSETS

Frustrated with **analyzing stale equipment data** and **high maintenance costs**? Often find yourself in "break/fix" mode repairing an asset after failure occurs?

Receiving **critical operational data** from your mobile powered assets is vital to running your business, but often quite the technical challenge. In addition to **location data**, imagine if you were able to receive **engine runtime** throughout the day from your mobile device or laptop.

Geoforce's new **AT4 Cellular Asset Tracker** with Engine Run Time (ERT) enables you to do just that, and in a small compact footprint that works in **harsh industrial environments.**

MANAGE YOUR ASSETS WITH GEOFORCE TRACK AND TRACE

Geoforce designed and built its web-based and mobile software with field operations in mind, enabling us to provide innovative Track and Trace software for all your field asset tracking needs. By combining this cloud-based software with rugged GPS tracking devices and cellular network integration, Geoforce's Track and Trace facilitates asset location and retrieval, rental invoice auditing, service delivery verification, inspection compliance,

TECHNICAL SPECIFICATIONS

GENERAL
Network Technologies 4G LTE CAT 1 / CAT M1
Equipped with rechargeable battery making it an ideal solution for asset management.
IP68 rated casing, designed to operate under extreme environment against water and dust.

GPS
Receiver Type: 99 channel engine
Location Technology: GPS & GLONASS
SBAS Support: WAAS, EGNOS, GAGAN, MSAS
Tracking Sensitivity: -167dBm
Acquisition Sensitivity: -149dBm
Location Accuracy: 2.5m CEP 50%

PHYSICAL
Dimension: 4.72" x 3.15" x 1.42" (120mm x 80mm x 36mm)
Weight: 250g (0.56 lb)

LINE POWER
Powered Asset 12V/24V system

STANDARDS
SAE J1455 MIL STD 810
NEMA 4X / IP68
RoHS Compliant

CERTIFICATIONS
Standards: FCC, IC, PTCRB, TELEC
Carriers: AT&T
Carriers (Module Certified): NTT docomo, KDDI, Telstra

CELLULAR BANDS
AS11 (AT&T): LTE FDD Cat.M1, B2, B4, B12
Antenna: Embedded cellular antenna

ENVIRONMENTAL
Operating Temperature: −40 to +70 °C (connected to primary power) −20 to +60 °C (operating on internal battery)
Humidity: 95%RH @ 50° C non-condensing
Vibration/Shock: MIL-STD-810G, SAE J1455, SAE Ingress Protection Rating IP 68

BATTERY TYPE
Backup Battery: 3.7V 6400mAh
Lithium-Ion Charging Temperature 0° to +45°