



ASSET TRACKER BATTERY

Product Description

The ATB01-36 battery operated tracking units are intentionally designed for long term field deployments. Embedded magnets allow straight forward attachment to vehicles, trailers or containers; expediting asset tracking start up and eliminating the need for professional installation (true "Slap-N-Track"). CAT-M1 and NB-IOT capabilities ensure connectivity while keeping data costs low. Intelligent Power Management (IPM) provides deep sleep power conservation and wakes immediately to report location when the device senses movement.

KEY HARDWARE FEATURES

- Tracking: Sends real-time vehicle location and speed.
- 3-Axis Accelerometer: Using embedded accelerometer and carefully designed algorithm to detect the vehicle/asset trip start/stop with accuracy.
- Message Store & Forward: Up to 50 messages or alerts.
- "Slap-N-Track" embedded light sensor detects theft and detachment from the tracking asset.
- Device utilizes Cell-ID based location information when a GPS fix location is not available.
- Battery Selection: 2,500mAh.
- Waterproof Case: IP65 rating.
- Fully integrated into Geotab.

PRODUCT SPECIFICATIONS

LTE:

CAT-M1& NB1: LTE-FDD:
B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20 B25/B26/B28
LTE-TDD: B39 (for CAT-M1only)

POWER CONSUMPTION:

Active Mode:< *mA @3.8VDC -Sleep Mode:< *mA @3.8VDC -
Deep Sleep Mode:< *uA @3.8VDC

MOTION DETECTION:

Built-In 3-Axis Accelerometer

SUPPLY VOLTAGE:

3.3V~4.5V

HOUSING DIMENSION:

3.4in,2.4in,1.3in

STORAGE TEMPERATURE (WITHOUT BATTERY):

-40C to 85C

BATTERY CAPACITY:

2,500mAh (3 year)

GPS SENSITIVITY:

-162dBm Tracking Sensitivity Accuracy(Open Sky): < 2.5m
(CEP50)

BANDS:

B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B28, B39

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