

PRODUCT BRIEF

BAT-XL

Extended Use Trailer and Container Tracker

The BAT-XL is a battery-operated global tracking device utilizing low power LTE CAT-M1/ NB-IoT technology with embedded Bluetooth.



ROBUST DESIGN

BAT-XL incorporates enclosure ribs, aluminum mount backing and IP67 environmental ingress resistance for increased rigidity and strength during extended field use.

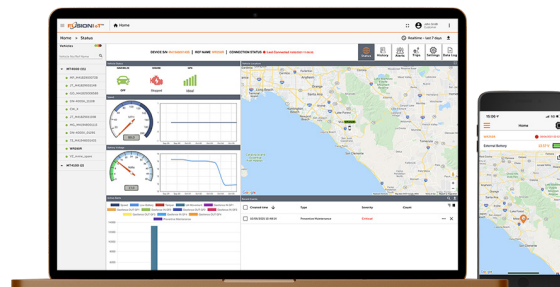
EXTENDED LIFESPAN

BAT-XL is designed with increased battery density to provide extended tracking and data collection capacity for up to 7 years.

FULLY CONFIGURABLE

BAT-XL is fully configurable via API or device management dashboard. BAT-XL can act as a Bluetooth Gateway solution for BTM250-series beacon sensors or as a beacon in advertise mode to conserve battery during extended idle periods.

Pair BAT-XL with Mobilogix FusionIoT™ Cloud Platform Plus Connectivity for a mobile and modular end-to-end solution to smart asset management.



PRODUCT DETAILS

BAT-XL



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FEATURES AND BENEFITS

- Global Deployment with a single hardware SKU
- Field Replaceable battery
- Rugged enclosure for extended field usage

EMBEDDED SERVICES

- Amazon AWS IoT integration
- Remote Device Management through FusionIoT or API
- FOTA update for future feature additions
- Location logging when out of coverage

Technical Specifications

Antenna	Internal Cellular, GNSS and Bluetooth
Cellular Service	LTE Cat-M1, NB-IoT, 2G Fallback
GNSS	GPS (with Anti-Jamming), GLONASS BeiDou, Galileo and QZSS
Bluetooth	5.1, 2400-2485 MHz; Gateway mode, Advertising mode
Sensors	Accelerometer: 6-axis: 3-axis accelerometer and 3-axis gyro
Battery	Capacity: 25Ah non-rechargeable; 3.6V; Field Serviceable Battery; Lithium-Thionyl Chloride
Enclosure	Material: Aluminum mounting plate; Rating: IP67
Dimension	300 x 70 x 35mm
Indicators	Status: Switchable LED (Power, Network, GPS); Marking: QR Code Sticker; Button for ease of deployment and status checking
Operating Temp	-30°C to +85°C
Certification	FCC/IC, ANATEL, PTCRB
Warranty	1 year Manufacturing Defect and Workmanship on Device and Parts