Yabby Edge Cellular

Ultra-rugged and compact Indoor/Outdoor battery-powered asset tracker. Features cloud-based location solving for over 10 years of battery life.

- GNSS (GPS/BeiDou), Wi-Fi AP MAC Address Scanning, and Cell Tower location for indoor/outdoor asset management
- Deploy-once battery life with 10+ years on only 3 x AAA user-replaceable batteries.
- Cloud-based location solving (versus on-device) for substantial power savings.
- Tracks assets when they're on the move and enters sleep mode when stationary to save power.
- 'Battery Low' and 'Battery Critical' alerts
- Weatherproof and ultra-rugged IP68, IK06 housing
- LTE-M / NB-IoT Connectivity

Indoor / Outdoor

GNSS, Wi-Fi AP MAC Address Scanning, and Cell Tower location for indoor/outdoor asset management.

Cloud-Based Location Solving

Transfers the location processing workload from the device to the cloud for substantial power savings.

NE1 SOLUTIONS

Rugged & Weatherproof

Ultra-rugged and waterproof IP68 and IK06-rated housing ensure the Yabby Edge can withstand impact, fine dust, and brief submersion.

Off-the-Shelf Batteries

Powered by user-replaceable, off-the-shelf 3 x AAA Lithium batteries with 'Battery Low' and 'Battery Critical' alerts.

Wire-Free Installation

Compact and concealable. Multiple installation options for covertly and easily securing the device to assets with screws, bolts, cable ties, rivets, and more. Stainless steel screws supplied.

LTE-M/NB-IoT Network Roaming

Supports automatic roaming between LTE-M and NB-IoT networks with minimal delay and marginal impact on battery life or performance (roaming SIM required).

Intelligent Power Management

Optimize power consumption with Intelligent Power Management tools including built-in balanced, low-power, and ultra-low-power network registration strategies, accelerometer-based location scan throttling, and more.

Flexible Configuration

Configure device parameters such as heartbeat rate, movement and accelerometer settings, and more to fit any tracking application.

Periodic or Movement-Based

Configure parameters to send updates based on set time intervals or when movement occurs. Adaptive tracking technology detects when the device is on the move and increases the update rate, providing detail when you need it while conserving battery when stationary.

Sleep Mode

Stationary devices enter sleep mode until movement occurs to conserve battery life and optimize data usage.

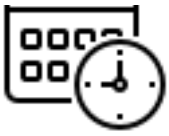
NE1 SOLUTIONS

Impact Detection

Configure impact-detection alerts when g-forces are exceeded by a user-defined threshold.

Tip Detection & Rotation Counting

Axis angle reporting, tip detection and rotation counting (planned).



Asset Utilization

Capture run hours based on movement to understand and optimize asset utilization.

Preventative Maintenance

Set reminders based on distance travelled and run hours to reduce maintenance and repair costs.

Theft Recovery

Switch to Recovery Mode in the case of theft or loss to activate real-time tracking for asset retrieval.