

EON Odyssey

Ruggedized Long-Life GPS Asset Tracker

Versatile GPS Tracker for Mobile Assets

The **EON Odyssey** is a rugged, tamper-resistant GPS tracking device designed to safeguard valuable assets with powerful, long-life performance. With up to **18 months of battery life on a single charge**, it's the ideal solution for trailers, containers, generators, vehicles, high-value tools and more. Its **slap-and-track installation** with a built-in magnet and optional strap loops means setup is effortless, even in harsh conditions.

Get 24/7 monitoring with geofencing, tamper alerts, movement detection, and over-speed notifications — all managed through an easy-to-use desktop or mobile app.



Key Features

▶ **Track Assets for Up to 18 Months**

▷ Industrial-grade battery supports ultra-long standby operation.

▶ **Tamper & Motion Alerts**

▷ Built-in light sensor triggers alerts if the device is removed or tampered with.

▶ **Secure Magnetic Mount**

▷ Ultra-strong internal magnet and strap loops for added flexibility.

▶ **Waterproof & Indestructible**

▷ IP67-rated design withstands extreme heat, cold, and wet conditions.

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Physical Information

L x W x H: 4.29" × 2.4" × 1.2"

Housing: Ruggedized with magnetic base and strap loops

Weight: 297g

Waterproof Rating: IP67

GPS & Sensors

GNSS System: GPS + LBS

Positioning Accuracy: <2.5m CEP

Tracking Sensitivity: -165dBm

Acquisition Sensitivity: -148dBm

TTFF (Open Sky): Hot Start ≤1 sec |
Cold Start ≤40 sec

Sensors: 3-Axis Accelerometer, Light Sensor

Cellular Connectivity

Network: LTE Cat M1/NB2, EGPRS fallback

Frequencies:
B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28/
B66

EGPRS: 850/900/1800/1900 MHz

Transmission: 4G coverage across North America

Power & Operation

Battery: 10,000mAh / 3.7V Li-Polymer

Modes:

Mode 0 – Standby

Mode 1 – Tracking

Mode 2 – Power Saving

Standby Time: Up to 18 months (Mode 2)

Operating Temperature: -20°C to +70°C

Humidity: 5%–95%, non-condensing

Interface & Storage

SIM: Standard SIM slot

Indicators: 1 Red Status LED, 4 Blue Battery LEDs

Data Storage: 32Mb Flash + 32Mb Backup

Alerts & Compliance

Tamper Proof: Light sensor alerts

Other Alerts: Low Battery, Vibration, Over-speed,
Geo-fence, Removal, Installation

Certifications: FCC, CE, PTCRB, AT&T, TELEC