



EON TailLight Tracker – 6" Oval










Covert GPS Tracking Built Into Your Trailer's Taillight

The EON TailLight Tracker is a rugged, covert GPS solution built directly into a standard 6" oval LED taillight. Designed for dry vans, reefers, flatbeds, and chassis, it installs instantly with no wiring and no downtime – giving fleets reliable visibility without extra labor or exposed hardware.

Powered by the latest LTE Cat.M1 & LTE Cat.NB1 cellular technology, internal rechargeable batteries, and SMART POWER MANAGER®, this device delivers long-term, low-power performance in the harshest environments. With BrickHouse GPS, you get proven reliability, accurate tracking, and support you can count on.



Features & Benefits

-  **Covert "Place & Play" Installation**
Fits into a standard 6" oval taillight housing with no added wiring or mounting.
-  **Rugged, Weatherproof Design**
IP67 housing withstands extreme temperatures, shock, vibration, and road conditions.
-  **Affordable & Cost-Effective**
Enterprise-level tracking without expensive installation or hardware exposure.
-  **Extremely Low Power Consumption**
Powered by SMART POWER MANAGER® for long-term low-power performance.
-  **Over-the-Air Updates**
Firmware and configuration updates supported remotely.
-  **Hidden GPS Functionality**
Completely concealed behind the taillight to prevent tampering.
-  **Built-In Backup Battery**
Provides GPS reporting for more than 3 months without external power.
-  **Ample Event Storage**
Internal memory stores over 5,000 events.
-  **Accessible From BrickHouse GPS Platform**
Web-based tracking with real-time location, status reports, and alerting.

 **Trusted by Professionals since 2005**

★★★★★ (31,242)



Technical Specifications

Start Time

Cold Start: < 35s

Warm Start: < 5s

Hot Start: < 1s

SIM, Antenna & Connectors

- Internal cellular and GPS antennas
- Internal SIM access
- Standard 3-pin socket
- External push button for activation

Environmental

Operating Temperature: -40°C to 80°C

Humidity: 95% RH @ 50°C (Non-Condensing)

Shock & Vibration: SAE J1455

Waterproof Rating: IP67

Mechanical

Dimensions: 6" Oval, 1.5" height

Weight: 256 g

Built-In Sensors

Accelerometer

Optional Accessories

- 3-Pin female plug
- Rubber grommets
- Chrome ring

Electrical

DC Power Input: 6-32V

Internal Battery: 2300 As @ 3.6VDC

Power Consumption:

- Sleep: 50 μ A @ 3.6V
- Average: 80 mA @ 3.6V

Cellular Modem - Cat.M1 / Cat.NB1 / EGPRS Support

LTE FDD Bands: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28

LTE TDD: B39 (Cat.M1 only)

EGPRS: 850 / 900 / 1800 / 1900 MHz

Data Rates

Cat.M1:	375 kbps DL / 375 kbps UL
Cat.NB1:	32 kbps DL / 70 kbps UL
GPRS:	85.6 kbps DL / 85.6 kbps UL
EDGE:	236.8 kbps DL / 236.8 kbps UL

GPS

Multi-GNSS engine:	GPS, GLONASS, BeiDou, Galileo, QZSS
Active jammer remover	
Accuracy:	< 2.5 m CEP

Receiving Bands

GPS/Galileo L1 C/A:	1575.42 MHz
GLONASS L1 C/A:	1602.5625 MHz
BeiDou B1:	1561.098 MHz

Channels

- 33 tracking
- 99 acquisition
- 210 PRN

Sensitivity

Acquisition:	-148 dBm
Tracking:	-165 dBm
Reacquisition:	-160 dBm

Compliance

Patent No.:	US 11,634,069 B2
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All specifications typical and subject to change without notice.



Ready to Take Control?

Track and Protect—All from One Device

📞 Call: (888) 249-1287 brickhousegps.com

