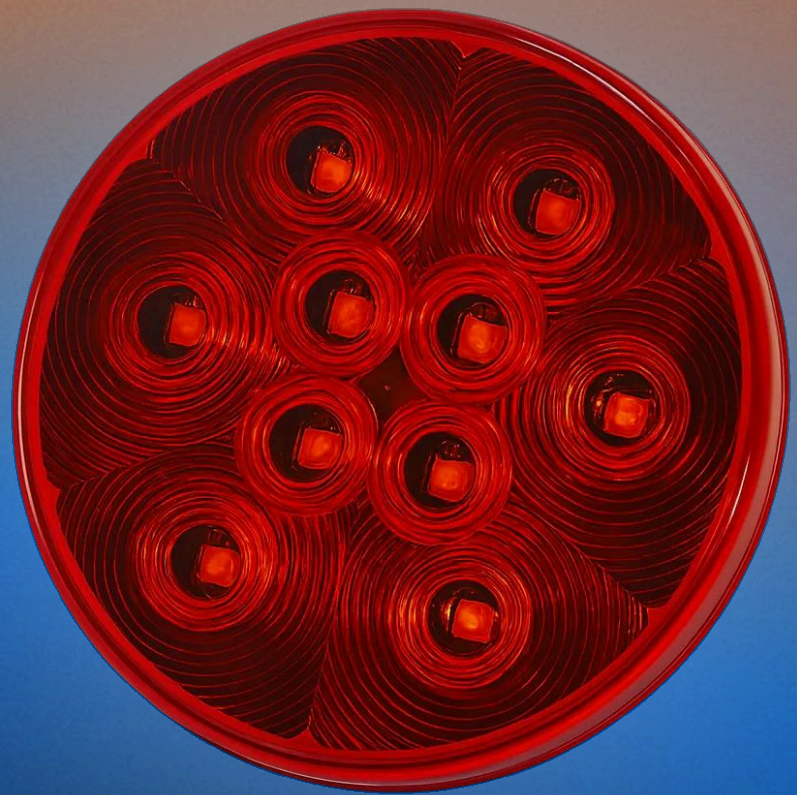




EON TailLight Tracker — 4" Round














Covert GPS Tracking Built Into a Standard 4" Round Taillight, Powered by BrickHouse GPS

The EON TailLight Tracker (4" Round) is a covert, rugged GPS tracking solution engineered for dry vans, flatbeds, reefers, and chassis. Built into a standard 4" round LED taillight, it installs instantly with no additional wiring, making it a true plug-and-play device that stays hidden, protected, and out of sight.

Using advanced LTE Cat.M1 & LTE Cat.NB1 cellular technology, internal hybrid rechargeable batteries, and SMART POWER MANAGER®, this tracker delivers long-term, low-power performance in extreme temperatures and harsh transportation environments. With BrickHouse GPS, you get dependable visibility, real-time reporting, and reliable support for your operation.

Features & Benefits

-  **Covert "Place & Play" Installation**
Fits directly into a standard 4" round taillight housing with no extra work required.
-  **SMART POWER MANAGER® Efficiency**
Designed for extremely low power consumption and reliable long-term operation.
-  **Built-In Backup Battery**
Enables GPS reporting for up to 3 months without external power.
-  **Latest Cellular Technology**
Supports LTE Cat.M1 & Cat.NB1 for low-cost, low-power wide-area IoT connectivity.
-  **Superior GPS & RF Performance (Patent Pending)**
Ensures reliable positioning even in challenging environments.
-  **Durable, Road-Proven Housing**
Weatherproof IP67 housing built to withstand shock, vibration, and harsh conditions.
-  **Over-the-Air Updates**
Supports remote firmware upgrades and configuration.
-  **Large Internal Event Storage**
Stores over 5,000 events internally.
-  **BrickHouse GPS Platform Ready**
Provides real-time location, alerts, and status reporting through BrickHouse GPS.
-  **Fully Hidden Tracking Capability**
Concealed behind the taillight for tamper resistance and operational security.
-  **Cost-Effective**
Affordable, durable, and simple deployment with no installation downtime.

 **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

Environmental

Operating Temperature: -40°C to 85°C

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

Shock & Vibration: SAE J1455

Waterproof Rating: IP67

Mechanical

Dimensions: 4.2" Round, 1.8" Height

Weight: 256 g

Built-In Sensors

Accelerometer

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.MI:	375 kbps DL / 375 kbps UL
Cat.NBI:	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

