

TECHNICAL DATASHEET

Tracking Device | PM-ISC



DESCRIPTION

The PM-ISC tracker integrates GPS, Wi-Fi, cellular triangulation, and Bluetooth gateway technology into a DOT-approved trailer tail light. This concealed, rugged device delivers real-time asset visibility, theft prevention, and critical sensor data without complex installation. Designed and manufactured in the USA, it combines ultra-low power efficiency with reliable performance.

Beyond trailer tracking, the gateway functionality extends visibility to Bluetooth-enabled assets, including important cargo, tire pressure sensors, and door sensors—so fleets always know where a truck or trailer is and where it has been.



TECHNICAL DATA

Reporting Data	Location Internal Backup Battery Level
Default Reporting Intervals	Ping On Demand, Moving: Every 15 Minutes, Not Moving: Once Per Day, On Start/Stop Movement Events (Optional)
Communications	4G LTE Cat M1, Bluetooth (BLE)
Network/Connectivity	AT&T GPS, Wi-Fi, and Cellular Positioning
Estimated Battery Life <i>(based on one ping per day)</i>	Wi-Fi & Cell: Up to 2 Years GPS: Up to 1 Year
Battery	2000 mAh Lithium Polymer, Rechargeable
Over-the-Air Configuration Updates	Yes
Ping on Demand	Yes
BLE Sensor Support	Yes
IP Rating	IP67
Dimensions	4.31" Diameter x 1.81" Max Depth
Weight	4.1 oz
Operating Temperature	-40 F to +140 F
Installation Options	No Special Wiring Necessary. Utilizes Existing Tail Light Wiring With Battery Backup.

HIGHLIGHTS

- DOT Approved
- Concealed Tail Light Design
- GPS, Wi-Fi Positioning, & Cellular Triangulation
- Built-in Sensor Gateway
- Ping on Demand
- Movement-Based and Periodic Reporting
- Backup Battery Protection
- Rugged IP67 Housing

INSTALLATION ACCESSORIES



With Optional Grommet



Optional Flange