

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 Battery Level
Communication	Bluetooth + Cellular
Network/Connectivity	AT&T LTE CAT M1
Estimated Battery Life	1x Per Day (Wi-Fi & Cell): Up to 2 Years 1x Per Day (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 Light Wiring With Battery Backup.

HIGHLIGHTS

- DOT Approved
- Concealed Tail Light Design
- GPS, Wi-Fi Positioning, & Cellular Triangulation
- Bluetooth Sensor Gateway
- Ping on Demand
- Backup Battery Protection
- Rugged IP67 Housing

INSTALLATION ACCESSORIES



With Optional Grommet



Optional Flange