

CONTAINER, CHASSIS, AND TRAILER TRACKING

ASSET TRACKING

Asset Gateway

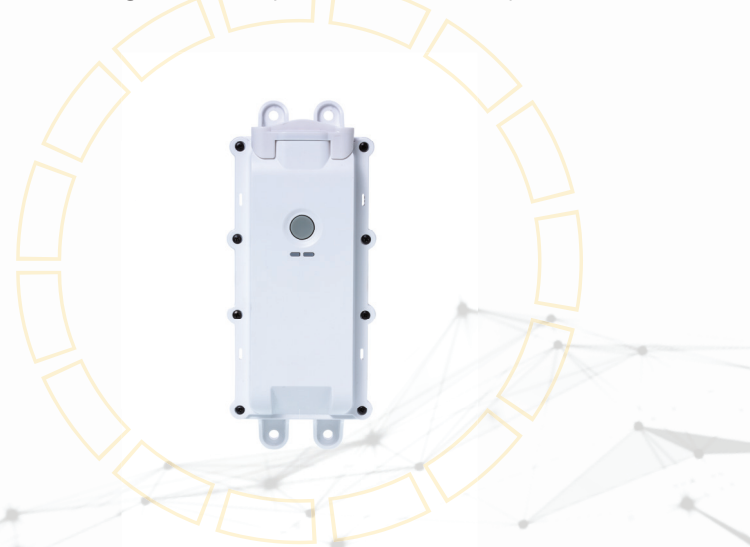
Critical Asset Visibility with Ultra-Low Maintenance and Long Battery Life

Description

The **Asset Gateway** is an all-purpose tracking and monitoring device, providing asset movement and location visibility with the benefits of significantly low maintenance, and long battery life. This makes the Asset Gateway ideal for long-term remote applications requiring minimal or no maintenance at all (e.g., chassis, container, trailer, dolly set, generators, crane parts, etc.) and is suitable for use in extreme operating temperatures, in which charging, and performance can be challenging.

By utilizing GPS technology, cellular connectivity, and optional sensors, the Asset Gateway enables businesses to track and monitor assets in real-time. It provides valuable information for asset management, security, and optimizing operational efficiency.

Powerfleet's Asset Gateway integrates with Unity, our SaaS-based fleet intelligence platform that ingests, processes, and consolidates data from every asset, vehicle, and person. Through advanced data intelligence, Unity unifies business operations.



Key Features

- 4G/LTE CAT-1 NA with 3G fallback/ 4G/LTE CAT-1 EU with 3G and 2G Fallback
- Ultra-low maintenance with 8-year battery life*
- Fast deployment with quick install
- Tamper detection and alerts
- LED indicator lights for install verification
- Industry leading begin/end of drive detection and reporting
- Extended operating temperature range -30°C to 75°C (-22°F to +167°F)
- Up to 100 device geo-fences

* Based on 1 report per day



Requires no external power



Rugged housing with IP67 rating



Easy to redeploy on different assets

Designed to Revolutionize Your Operations

The **Asset Gateway** offers a broad array of business-relevant asset and freight management features designed to revolutionize your operations:

- Simplify asset inventory management
- Ensure asset visibility
- Increase utilization
- Enhance productivity
- Improve driver satisfaction
- Lower operating costs
- Reduce fuel consumption
- Reduce theft
- Achieve sustainability goals
- Drive continuous improvement



Technical Specifications

Communications

Cellular Technology	LTE CAT-at 1 NA with 3G Fallback LTE Cat AT-1 EU with 3G and 2G Fallback Internal Antenna US - Quad-Band LTE: Bands 2, 4, 5, 12 (700, 850,1700/2100 (AWS) and 1900 MHz) EU - LTE: Bands 1, 3, 8, 20, 28 (700, 800,900, 1800, 2100 MHz), Dual-Band UMTS/HSPA+: Bands 8, 1 (900, 2100 MHz), Dual-Band GSM 900 and 1800 MHz
Cellular Data Rates	Download 20 Mbps, Upload 15 Mbps
SIM	Mini (2FF) SIM Card Size, Internal Optional SIM on chip Remote PIN code management

Global Positioning

Type	Internal Module SE868-V3 HG
Sensitivity	-166 dBm
TTF @ -130dB	Cold <35 Sec, Warm <34 Sec, Hot <1 Sec
Internal Antenna	Internal

Power

Internal Battery	42.5Ah / 3.6V Li-thionyl chloride Primary(non-rechargeable)
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Environmental

Temp, operation	-30°C to +75°C (-22°F to +167°F)
Temp, storage	-30°C to +75°C (-22°F to +167°F)
Humidity	ISO 16750 parts 3 & 4
Ingress Protection	IP67
Vibration, Impact	ISO 16750 parts 3 & 4

Technical Specifications (cont'd)

Certifications

Communication	Part 15 Subpart B, part 22/24 compliant / CE / UL / IC / PTCRB
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User Interface

LEDs	2x dual colored LED status indication
Display	Activation / Distress Button
User Authentication	Read relay and magnet-based tamper detection

Size

Dimensions	203 mm x 81 mm x 50 mm
Weight	500 gr

Installation

Mounting	Screw, Rivet, or Magnet Mounting
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Features

Movement	3-axis, high precision, linear 3D, $\pm 8G$ range, 12-Bit Precision, 4 mG Resolution Movement detection
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Powerfleet (NASDAQ: PWFL; TASE: PWFL) is a global leader of internet of things (IoT) software-as-a-service (SaaS) solutions that optimize the performance of mobile assets and resources to unify business operations. Our data science insights and advanced modular software solutions help drive digital transformation through our customers' and partners' ecosystems to help save lives, time, and money. We help connect companies, enabling customers and their customers to realize more effective strategies and results. Powerfleet's tenured and talented team is at the heart of our approach to partnership and tangible success. The company is headquartered in Woodcliff Lake, New Jersey, with our Pointer Innovation Center (PIC) in Israel and field offices around the globe. For more information, please visit www.powerfleet.com.