

## VEHICLE TELEMATICS

# Keyless Gateway

Plug & Play Wireless Control, Tracking, and Monitoring for Rental and Leased Fleets

## Description

The **Keyless Gateway** is an after-market, plug-and-play device specifically tailored for large rental or leased fleets. It provides a seamless and straightforward installation process, effortless removal, and features a patented locking mechanism.

It provides core vehicle data, including vehicle identification number (VIN), fuel, odometer, battery level and fault codes as well as BSOC and charge state for real-time visibility of the vehicle condition and use to streamline data collection and the billing process.

Our mobile SDK provides integration directly into your mobile app to perform actions such as keyless lock/unlock, in a secure, encrypted manner with AES256 via cellular or BLE communication modes. This ensures a secure means for automated check-in and check-out processes, enabling a contactless, self-service customer experience.

Powerfleet's Keyless Gateway seamlessly integrates with Unity, our SaaS-based fleet intelligence platform that effectively ingests, processes, and enriches data from every asset, vehicle, and person. This integration empowers your customer reservation system by seamlessly transferring data into Unity and streaming it directly into your system. Additionally, ongoing device maintenance is hassle-free with reliable and easily manageable over-the-air upgrades.



## Key Features

- Plug-and-play install in under 2 minutes, using patented OBD-II connector-locking mechanism and installation LEDs
- Automatic vehicle model configuration for most OBD II equipped vehicles, with a library of over 300 models
- Automatically reports vehicle telematics data and real-time location tracking via encrypted cellular data (based on low-bandwidth CoAP IoT protocol)
- Minimal power usage to prevent battery drain when the vehicle is not in use



**Remote lock and unlock capabilities using cellular or BLE**



**Advanced onboard fuel detection algorithm for sloshing and refuel events, to detect fuel accuracy to  $\pm 0.3$  gallons**



## Designed to Revolutionize Your Fleet Operations

The **Keyless Gateway** offers industry-leading capabilities to drive efficiencies and revolutionize rental and leasing fleets operations:

- Shrink operating costs
- Improve security and stolen vehicle recovery (SVR)
- Enhance customer satisfaction
- Maximize resale value by leveraging real-world utilization data
- Boost employee morale

# Technical Specifications

## Communication

Cellular Technology	LTE Cat M1 (B1/2/3/4/5/8/12/13/18/19/20/25/26/27/28/66/ 85) EGPRS (850/900/1800/1900)
SIM	3FF
Antenna	Internal
Packet Data	UDP (CoAP)
Packet Encryption	AES 256 and TLS 1.2 for FOTA

## BLE

BLE Technology	BLE 4.2
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## Global Positioning

Type	GPS+BeiDou
Sensitivity	-167 dBm
TTFF @ -130dB	Easy Mode (Cold start first time power <35s)
Internal Antenna	Multi-band (25x25)

## Interfaces

CAN	1xCAN FD interface CAN-H, CAN-L signals ISO 11898-1 to -6 Standard Data Bus Interface
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## Technical Specifications

### Power

Input Voltage	9-16v(powered from OBD-II port)
Consumption	10 to 40 mA depending on mode (lower power mode won't drain battery)

### Environmental

Temp, operation	-30° to +75° C
Vibration, Impact	SAE J1455
Communication	CE (RED),FCC,IC,PTCRB, ACMA,RSM
Regional	US, EU, APAC

### User Interface

LEDs	2 LED indicators for installation status
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### Sizes

Dimensions	3.00" x 2.00" x 1.50" (76.2 x 50.8 x 38.1mm)
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### Installation

Connections	OBD2 integrated harness
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# Technical Specifications

## Features

Movement	Accelerometer for ignition detection
Use Cases	Telemetry reporting and remote lock and unlock
Capabilities	Location tracking, fuel reading, odometer reading, diagnostic trouble codes, BLE or cellular lock and unlock, immediate LED feedback for installation
LED Count	2

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](http://www.powerfleet.com).