

# Fuel Monitoring GPS Tracker with Sensor

This GPS tracker is designed for fuel monitoring with a fuel sensor. It accurately monitors fuel consumption, detects leaks, and tracks refueling, displaying time, address, and fuel amount on tracking software.



## Overview

### Advanced Fleet Fuel Management

The UM777 is a comprehensive GPS tracking solution designed for precision fuel, temperature, and weight monitoring. By integrating ultrasonic fuel sensors, it provides accurate real-time data on fuel consumption, leaks, and refueling events. With support for multiple sensors and wide-voltage power compatibility, this system is ideal for tankers and fleet owners seeking to optimize costs and prevent fuel theft through detailed analytics.

## Technical Specifications

### IP Rating

IP67 Waterproof

### Communication Interfaces

- RS232
- RS485

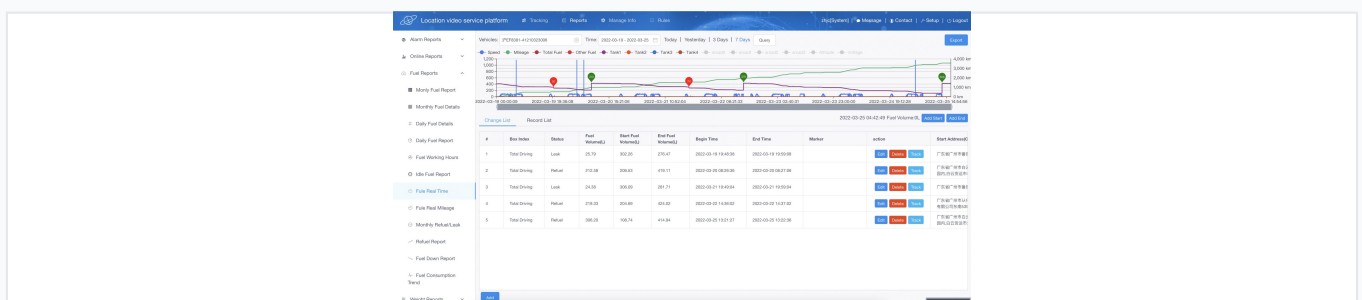
### Network Support

4G, 3G, 2G, GSM/GPRS 850/900/1800/1900 MHz

### Power Supply Range

100 V DC

## Monitoring Capabilities



Monitor multiple fuel tanks simultaneously with real-time alerts and location tracking.

### Supported Sensors

**5 units**  
Fuel Sensors

**4 units**  
Temp Sensors

### Supported Monitoring

Fuel Consumption, Temperature, Weight, Fuel Leak/Refuel

## Safety & Features

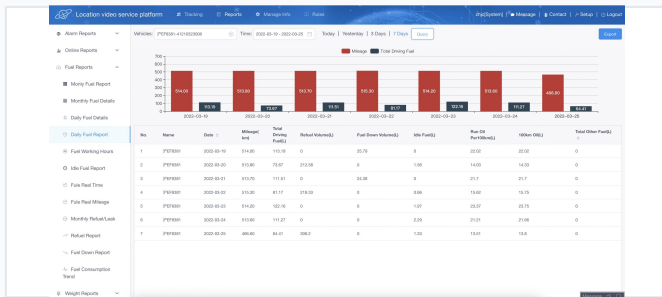
### Key Features

- Engine Immobilization
- Ignition Detection
- Shock Alert
- FOTA (Firmware Over-the-Air)
- Backup Battery

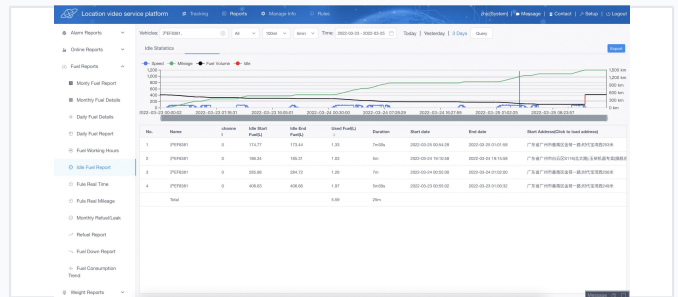
### Advanced Options

Fatigue Driving Monitoring • Vehicle Collision Alarm • Harsh Driving Alarm

## Software Reporting



Comprehensive reporting interface showing daily fuel details, refuel volumes, and leak detection metrics.



Analyze idle fuel consumption and duration with graphical performance representations.

### Available Reports

Report Type	Insight Provided
Real-time Fuel	Consumption, location, and amount
Idle Fuel	Fuel used during idle state
Mileage Report	Fuel used vs distance travelled
Refuel/Leak	Detailed event logging