

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

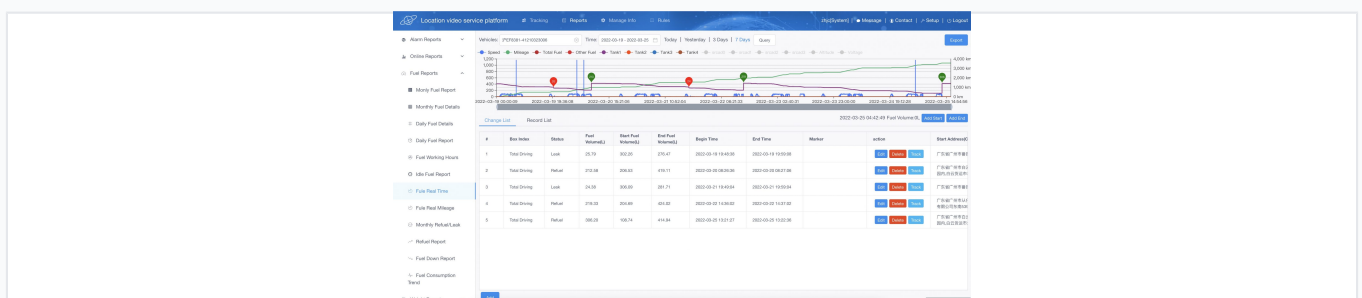
Network Support

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

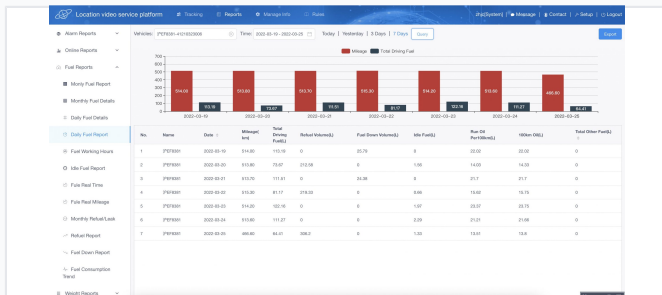
Key Features

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

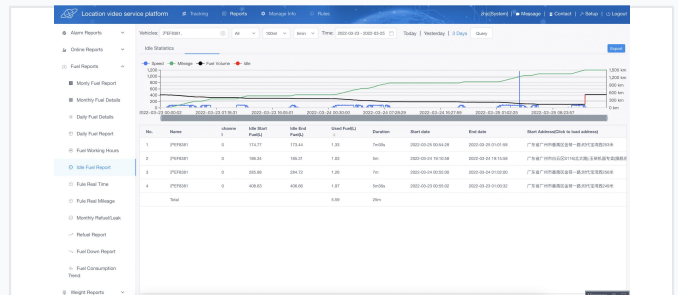
Advanced Options

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