



A8

Fleet GPS Trackers

Fuel consumption tracker is a multifunctional 2G+4G fuel monitoring GPS positioning device designed for truck fuel consumption management. It helps companies manage fueling and oil leaks, optimizes dispatching costs and saves fleet operating costs. It can effectively prevent under-fueling, over-reporting, or oil theft and oil leaks. It will proactively send oil leak alerts to managers and record detailed reports, enabling companies to achieve smarter, more cost-effective and efficient fleet operations.



FUNCTION



Real-time Tracking



High-Precision Fuel Measurement



Multi-port RS485/RS 232



Vibration Alarm



Built-in Battery



Harsh Environment Resilience

PARAMETER

Size	103mm(L)*32mm(W)*18mm(H)
Working Temperature	-20°C to 70°C
Working Voltage	9-45V
SIM card slot	Micro-SIM
Blind spot reporting	Up to 10,000 items

Weight	75g
Built-in Battery	180mAh
Working current	12V/30mA
Sensor	G-sensor

HARDWARE SPECIFICATION

Location Accuracy	≤5m
Positioning chip	AT6558R
Frequency	LTE-FDD: B1/B3/B7/B8/B20/B28/ LTE-TDD: B34/B38/B39/B40/B41; GSM: B2/B3/B5/B8
technology	GPS\BDS\GLONASS
Positioning Time	Hot Start<1SEC(Open Sky) Warm Start<15SEC Cold Start<32SEC(Open Sky)
GPS Antenna	FPC Antenna
GPRS Antenna	Built-in Ceramic Antenna

Channel	66 Class
GPS Sensitivity	-160dBm
Tracking Sensitivity	-162dBm
Power 11111 Indicator	R11111d
GPS LED Indicator	green
GPRS LED Indicator	red

SOFTWARE SPECIFICATION

OTA Upgrade	Support
Parameter Setting	SMS Command, Platform
Location Upload	Upload Interval Every 10 Seconds
Third-party Checking	WEB/APP
serial port	Support (RS232/RS485)

ACC Detection	Support
Geo-fence	Support
Cut-wire Alarm	Support
Vibration Alarm	Support
Speeding warning	Support



APPLICATION



Long-Haul Freight
Fuel Monitoring



Construction Machinery



Truck Tracking