



3VL

Universal vehicle tracking, health, and compliance monitoring



Product overview

The 3VL is a next-gen vehicle monitoring system that performs real-time GPS vehicle tracking, vehicle health checks, and driver compliance monitoring in a single, compact enclosure.

FleetUp 3VL plugs directly into the vehicle's OBD port providing easy, plug-and-play installation. Once connected, FleetUp 3VL continuously uploads data to the FleetUp cloud for further insight and analysis.

With the FleetUp 3VL, fleet managers can track vehicle location and engine performance, while minimizing potential driver compliance violations.

Hardware features

- Connects directly to vehicle OBD port
- Small footprint
- Remote-engine-starter-shutoff option
- Easy, plug-and-play installation
- Easy to conceal
- Vehicle theft protection

Software features

- GPS updates every 10 secs
- Tracks driver compliance
- Engine health monitoring
- Fuel usage and idle time monitoring
- Store and forward technology
- Suspicious movement detection
- Dynamic geofences
- Custom alerts
- Best in class location tracking
- Reduces compliance violations
- Helps reduce fuel costs
- Operates outside network coverage
- Protects against theft
- Optimizes safety and efficiency
- Keeps staff better informed and productive
- FleetUp mobile app support
- Remote management from anywhere

Product features



LTE & GSM Network

Communication via 4G LTE networks with 2G GSM fallback.



On-Board Diagnostics

Obtain real data of vehicle (accurate mileage, fault code, ACC status, fuel consumption statistics, battery voltage, engine speed, etc.)



GPS & BDS Positioning

Two complementary positioning systems ensure the locations to be accurately displayed on cloud platform.



Driving Behavior Analysis

Get instant alerts for 4 or 8 kinds of dangerous driving behavior, depending on your needs.



Multiple Alerts

Instant alerts for atypical events such as car fault, speeding, ignition on/off detection, collision, geo-fence enter/exit, etc.



Effortless Installation

Simply plug this device into the OBDII socket, you don't have to turn to a professional installer.

Trucks, vans, commercial and passenger vehicles



FleetUp 3NW provides GPS tracking, vehicle health and driver compliance monitoring.

Specifications

Dimensions	2.4 x 2.0 x 1.0 in
Weight	1.94 oz
Bluetooth	BLE 4.2
Operating temperature	−4°F to 158°F
Operating humidity	5% to 95%, non-condensing
IP rating	N/A
Battery	50mAh/3.7V
Input voltage	9-33VDC
Power consumption	Standby: ≤ 5mA
Technology	GPS, GLONASS, BDS, GALILEO, AGPS, LBS
Accuracy	< 8.2ft CEP
Tracking sensitivity	−165 dBm
Acquisition sensitivity	−148 dBm (cold); −156 dBm (hot)
TTFF (open sky)	Avg. hot start ≤2s Avg. cold start ≤38s
Cellular Technology	4G Cat 1, 2G (GSM)
Frequency	3VL (L): LTE-FDD: B2/B3/B4/B5/B7/B8/B28/B66 GSM: B2/B3/B5/B8 3VL (E): LTE-FDD: B1/B3/B5/B7/B8/B20/B28 GSM: B2/B3/B5/B8 3VL (A): Cat M1: B2/B4/B5/B12/B13 Cat NB2: B2/B4/B5/B12/B13