

VG54

Vehicle Gateway

Advanced, Real-Time Telematics and GPS Device for Fleets



The Vehicle Gateway is part of a complete hardware and software solution to enhance efficiency, safety, customer service, and compliance for fleets.

An advanced sensor platform provides operators with real-time location and analytics, sensor data, accessory compatibility, Wi-Fi hot-spot connectivity, and ELD-ready hours of service logging.

Designed for plug-and-play installation in a wide variety of vehicles, the Gateway offers a broad array of business-relevant fleet management features in an integrated, easy-to-use solution.

CONNECTED CLOUD SOFTWARE

Lower fuel costs, boost efficiency, track your equipment, and more, all on one platform.

Real Time Visibility Gain visibility across facilities, fleets, and end-customer services

Workflows & Reporting Streamline workflows and make data-driven decisions

Ecosystem Run your business with one integrated platform

AI Safety Programs Video technology powered by AI to keep your team safe

KEY FEATURES

- **Location Tracking:** High-precision, improved GPS with real-time visibility.
- **Integrated Platform:** Full Extensible platform works with Samsara wireless sensors, camera modules, USB accessories, and Wi-Fi devices.
- **High-speed Wi-Fi:** Includes high-speed 4G LTE Wi-Fi hot-spot.
- **Full Vehicle Compatibility:** Compatible with light, medium, and heavy-duty vehicles.

Diagnostic Protocols Supported

Protocols	VG54-NA	VG54-NAH
High Speed CAN	Yes	Yes
J-1939	Yes	Yes
J-1708	Yes	Yes
RP-1226	Yes	Yes
Single Wire CAN	Yes	No
Secondary High Speed CAN	Yes	Sometimes



Specifications

Hardware	
Material	Polycarbonate
Encasing Size	2.8 x 4.65 x .90 in (71x 118 x 23 mm)
Weight	0.3814 pounds (6.1024 oz)
USB Port	4 USB 2.0 ports
AUX Line Port	8 pin Molex connector
Diagnostic Port	16 pin Molex connector
Supported AUX Lines	5 digital inputs; 1 digital output
Input Voltage Range (Power)	0-24V
Input Voltage Range (AUX)	0-30V
Temperature Range	-40°F - 185°F

Wireless Connectivity

Cellular	
Accessible Cellular Networks*	AT&T
Band Coverage*	<i>LTE:</i> 2,4,5,12,13 <i>3G:</i> None <i>2G:</i> None

* All major network coverage includes most supporting roaming networks for each respective network and geography.

Location Tracking	
GNSS (Global Navigation Satellite System) Supported	GPS L1, Glonass L1, & Galileo
Supports External GNSS Antenna	Yes (only HW-VG54- NAE)
Supports GNSS Jamming Detection	Yes

Wi-Fi	
Wi-Fi Protocols	802.11 a/b/g/n 2.4GHz and 5GHz



Contact a SimplyFuel Solutions consultant for the options that best fit your fleet's needs.

Contact

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SF - Samsara Vehicle Gateway 06/2024

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