Vehicle Gateway

Advanced real-time telematics and GPS device for fleets

The **VG54-NA** Vehicle Gateway is an advanced sensor platform for fleets, providing operators with real-time location and analytics, sensor data, accessory compatibility, Wi-Fi hotspot connectivity, and ELD-ready hours of service logging.

Designed for plug-and-play installation in a wide variety of vehicles, the VG54-NA offers a broad array of business-relevant fleet management features in an integrated, easy-to-use solution.

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

KEY FEATURES

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

Diagnostic Protocols Supported

Protocols	Supported w/VG54-NA	Supported w/VG34
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	No

samsara
Authorized Reseller

Hardware Specifications

Material	Polycarbonate
Encasing Size	2.8 x 4.65 x .90 in (71x 118 x 23 mm)
Weight	0.3814 pounds
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	-40ºF - 185ºF

Wireless Connectivity Specifications

Cellular

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

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

Bluetooth

Bluetooth Protocols	Bluetooth 5.0 (BLE)

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

Contact

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