

VOYO OBD-II controllers adapt to specific vehicle architectures by make, model and year enabling communication with all vehicle controllers. **VOYO** reports up to 100 parameters including operating conditions, driver behavior, and weather. Other OBD-II devices typically report 5-15 generic parameters from a single controller. **VOYO** works on all vehicles built since 1996 and advanced data is available for vehicles from 2008 or newer. Remote lock/unlock and trunk actuation available on supported vehicles. The **VOYO** LTE controller is designed for fleet and consumer applications that require a direct network connection using an embedded cellular modem.

OBD-II and CAN

- Supports all standard and many proprietary OBD-II protocols
- 5 CAN buses including single-wire CAN
- Capable of reading manufacturer-specific and raw bus data
- Configurable data parameters and rates

GPS and Communication

- Global LTE Cat M1/NB1 with quad-band 2G fallback
- WiFi 802.11bgn, Bluetooth 4.2 dual-mode
- GPS/GLONASS/GALILEO/BEIDOU
- High-performance LDS antennas
- Standard GPS logging rate 1Hz
- OTA firmware updates

Data Access and Edge Computing

- Able to access 2,000-15,000 operating parameters
- Threaded interface to simultaneously track 130 parameters
- Data transfer to 3rd parties using **VOYO** Web API and/or App API
- Edge computing capability to run custom code

Others

- Dual-core 240MHz processor, 128MB storage
- 6-axis MEMS accelerometer at 20Hz
- Gyroscope, real-time clock and cabin temperature sensor
- Power Line Communication options for **VOYO** relays and 3rd party device integration
- OEM grade and certified interfaces
- PKI encryption with TLS 1.2 and 1.3 supported

The small **VOYO** form factor fits easily into most vehicles:

