

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. Door lock/unlock and trunk actuation available on supported vehicles. The **VOYO** BTLE controller connects to the network using a cell phone (no additional service plan required) and is an excellent entry level option for consumer applications.

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

- High-quality GPS receiver with integrated antenna and AGPS support
- Standard GPS logging rate 1Hz
- Data sent to the cloud using BTLE connection to a cell phone
- 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

- Onboard memory if not connected to network
- Real-time clock, cabin temperature sensor
- 3-axis MEMS accelerometer reports at 20Hz
- Power Line Communication options for VOYO relays and 3rd party device integration
- AES 256-bit encryption

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

