# OBD-II/CAN v4 DATALOGGER

The world's smallest OBD-II/Cellular/GPS device!

Have a fleet of vehicles? Want to monitor fuel consumption, driving habits, and safety? What if you could do so with one hassle-free product at a reasonable cost?

The IOSiX OBD-II Data Logger is perfectly suited for vehicle monitoring tasks. All you have to do is plug it in and go! You can easily configure which parameters are recorded and the rate of data collection, or you can log everything on up to seven data buses simultaneously. On-board 3-axis accelerometer, gyroscope, compass, and cabin temperature sensors provide additional information to monitor vehicle dynamics, driver behavior, and aid in accident reconstruction.
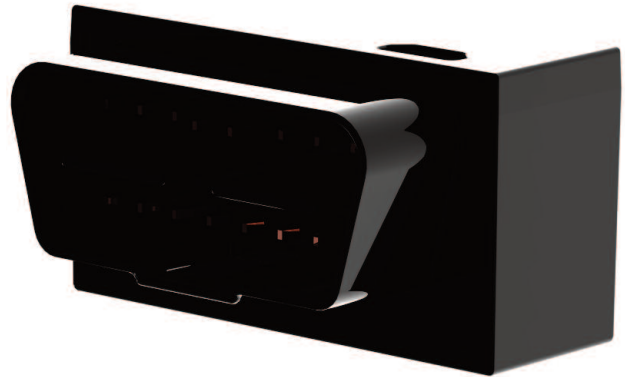
The logger is easily integrated with other IOSiX products to enable extended monitoring capabilities. The built-in GPS allows position to be logged concurrently with vehicle data.

Extensive wireless communication options, including Bluetooth Low Energy, 900MHz radio, WiFi and cellular (GSM 2G/3G and CDMA), are available to facilitate automated data upload. Non-OBD-II sensor data can be synchronously acquired with the addition of an IOSiX DAQ Module (new version available 4Q 2015).

The IOSiX OBD-II Data Logger is perfect for any tracking and monitoring application ranging from R&D to commercial and personal use.
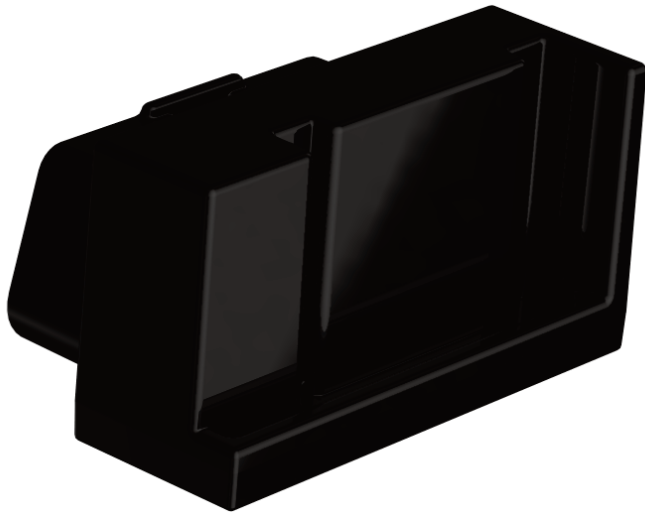
Key Features

- Support for all existing OBD-II protocols, and up to 5 CAN buses
- Easily configurable data logging (parameters, rates)
- Capable of logging both manufacturer-specific and raw bus data
- API license available, enabling deployment of customer code
- Can interface wirelessly to a computer, tablet, or phone for real-time data collection or can acquire data autonomously
- Data is logged to on-board eMMC (up to 64GB available)
- Temp sensor, Real-Time Clock, Accelerometer, Gyroscope, Compass
- Easy integration into customer workflow
- Mutitude of wireless options:
    - WiFi 802.11bgn, Bluetooth 4.0 Low Energy/Smart
    - 900MHz packet radio, ANT, Zigbee 802.15.4
    - CDMA/GSM 3G & LTE, 1-10Hz GPS

Dimensions (mm)
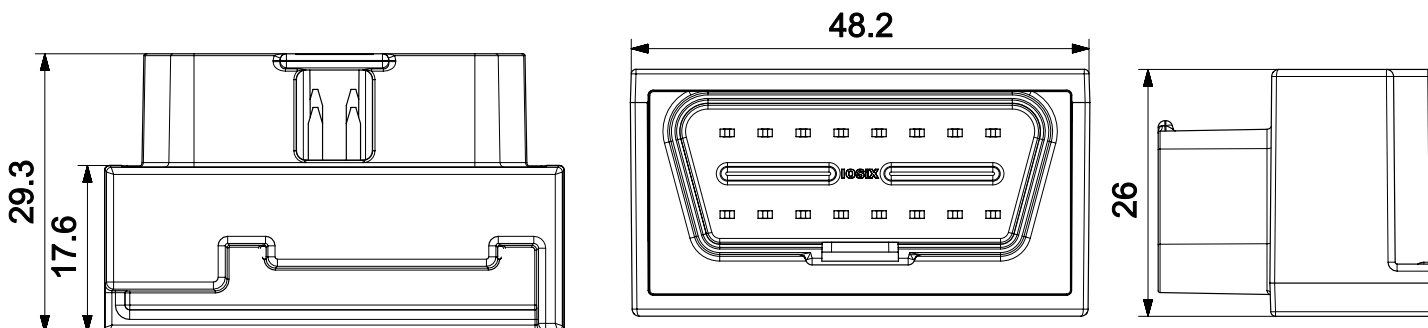
Ordering and Pricing

For more information, a demonstration, or ordering please contact IOSiX:

US/Canada: **(855) OBD-1939**
International: **+1-415-800-2060**
info@iosix.com
http://www.iosix.com

Standard Pricing

Number of Units**	Price per Unit
10	$1000
100	$550
1000	$250
10000	<$145

** Fully-loaded version. Low-cost options available.

Other IOSiX Products

- J1939/J1708 Logger
- GPS/GSM Tracker
- Video Logger
- GPS Logger
- DAQ Module (Universal Analog Device)

- Automotive & Engineering Consulting
- Custom Electronics Consulting

IOSiX was founded as an engineering consulting firm in 2005 by Robert Vogt IV, and later formed as a Michigan Limited-Liability Corporation. Originally focused on data loggers for research and development applications, IOSiX has now moved into the consumer and fleet markets.

IOSiX holds intellectual property in the areas of:

Automotive Diagnostics Protocols
ISO 9141, ISO 14230 KWP, ISO 15765 CAN, SAE J1850 VPW, SAE J1850 PWM
Heavy-Duty Diagnostics Protocols
SAE J1939 CAN, SAE J1708
Instrumentation
Analog, digital, temperature, frequency, pulse width, acceleration, vehicle-specific
GPS tracking (back-end and user interface)

Embedded hardware design (digital & RF)
Real-time embedded operating systems
USB 2.0 CDC (Communication Device Class)
microSD & SD memory card interface and filesystems
Short-range/personal radio
Bluetooth, Nordic/ANT, 900MHz, 802.11b/g/n
Long-range/packet radio
GSM, CDMA, Satellite/SBS
Video and Audio

IOSiX products are focused on innovation - we only design devices that outperform others on the market, often in terms of size, capabilities, price, and support. We are able to customize products or leverage existing IP to quickly bring a new device or feature to market for our customers, and have developed a variety of products that are sold under our customer's labels. We also perform a wide variety of electronics and software consulting, including vehicle components, power supplies, aftermarket devices, etc.