CarDAQ-Plus® Product Page

Overview

CarDAQ-Plus is the most validated and accepted J2534 device in the world. It has been on the market longer than any other J2534 device, it has been approved by more automakers than any other product, and has been called the "golden standard" by customers and competitors alike.

OEM and Development Features

CarDAQ-Plus has many uses beyond the independent repair shop. The CarDAQ-Plus was designed to be a high performance development tool. It performs the standard PassThru J2534 functionality, adds an internal 200MHz embedded Linux host, an internal and optional external Compact Flash slot, and an internal web server for thin-client applications. In addition to acting as a laptop-to-vehicle PassThru device, it can also host diagnostic and data logging applications on-board.

Compact Flash expansion

The CarDAQ-Plus has one internal and one optional external Compact Flash slot that can be used simultaneously. The external Compact Flash slot is optional and must be ordered at the time of purchase. The Compact Flash expansion slots may also be used for other CF peripherals, such as GPS receivers, expanded storage, modems, and any other CF card that supports Linux. The CarDAQ-Plus will support up to 8GB of memory per Compact Flash slot

Remote Diagnostics and Standalone operations

CarDAQ-Plus runs on it's own operating system, embedded Linux, which allows it to be used as a standalone tool without a PC attached during operation. The Linux installation includes a file and web server which could simplify development of remote diagnostics and management applications. Imagine writing your own C/C++ application to perform an on-road test. Your program could access GPS compact flash card to capture location information about the test-drive, or use a cellular modem and download telemetry from live tests! For standalone applications, this provides the features of a PC host and a PassThru device all in one package.

Tools available for development

Drew Technologies provides an application programmer interface (DLL) for OEMs, integrators, or end-users to develop their own PassThru (SAE J2534) applications. You can use any PassThru (J2534) compliant application with the CarDAQ-Plus. You can also Create your own applications in LabVIEW™, C or Visual Basic. Use your favorite language, including: TCL, Perl, .Net, Java, or C.

Specifications

- Bus Protocols
    - CAN Bus (capable of ISO 15765, GMLAN, J1939, and ISO14229)
    - 2nd CAN (Dual or Single Wire)
    - Ford SCP (J1850PWM)
    - GM Class2 (J1850VPW)
    - KWP2000 (ISO9141/14230)
    - Chrysler SCI (J2610)
- PC Interfaces
    - **<u>USB (now included)</u>**
    - Wired RJ45 Ethernet
- Other
    - Compliant to <u>SAE J2534</u> (Feb 2002) and <u>SAE J2534-1</u> (Dec 2004)
    - Compliant to <u>ISO 22900-1</u> MVCI physical layer
    - Programming voltage on J1962 pin 6, 9, 11, 12, 13, 14 or Aux
    - 6 General purpose analog inputs (0-27V, 2Ksps, 12 bit)
    - Ground pins 9, 12, or 15
    - Internal Compact Flash slot (must be configured when ordering)
    - Optional external Compact Flash slot
- Product Specifications
    - Operating voltage: 7 – 26 Volts
    - Size: 1.25"H x 7.5"D x 5.25"W
    - Operating Temperature: Commercial Range (0 to +70 C)

Customer Uses

- J2534 Independent Repair Facility reprogramming tool
- Bench top ECU reprogramming
- In-Vehicle ECU reprogramming
- OBD2 Diagnostics using DashDAQ-PC and other 3rd party applications
- In-vehicle pass-thru data logging
- Standalone data logging or monitoring
- Fleet or public transportation data acquisition
- OEM Engineering
- OEM calibration reprogramming
- End-of-Line testing
- Dealer Service Tools
- 3rd party integrated solutions
- Specialized Customers

Buy Now

The CarDAQ-Plus kit includes the CarDAQ-Plus interface, USB cable, Ethernet Cable, CD, and user's manual. This kit is everything a Technician needs for J2534 reprogramming today.

CarDAQ-Plus Kit Price: $1680.00 plus shipping and any duties if applicable.

VW and Audi training with technical support
Call 1-866-245-7602 Email: esatinc@esatinc.ca