

DashDAQ's large and high-resolution color touch-screen is truly unmatched in the market. The image below shows the actual size and resolution of DashDAQ's 480x272 color display. Compare the same image on the competitor's screens below and you'll see why DashDAQ's screen is so amazing.



256x128 resolution
(offered on high end competitive devices,
usually black and white or color backlight)



128x64 resolution
(standard competitive devices)



To learn more about DashDAQ



Technical Specs	
Display	4" COLOR TFT touch panel
Resolution	480 x 272 (QWVGA) w 24-bit color display
System Processor	240MHZ ARM9
Vehicle Bus Processor	48MHZ ARM7
RAM	64MB SDRAM
Flash	16MB Flash
Memory Expansion	MMC/SD Card 128MB to 2GB
Device I/O	touch-panel, ambient light sensor, 16-bit stereo line-out, 1W speaker, USB device port, programmable button
Vehicle I/O	CAN, J1850VPW (GM Class 2), J1850PWM (Ford SCP), ISO9141, KWP2000
Expansion I/O	(2) USB Host Ports, (2) RS232 Ports, (2) 0-5V 10-bit analog inputs
Add-on sensors	Blackline GPS (up to 20HZ), Innovate MTS Bus products, 0-5V Wideband O2 Sensors, NMEA GPS, USB 3-axis Accelerometer, USB K-Type Thermocouple
Operating temperature	-35 to 85C
Operating voltage	6 to 30V
Current Draw	200mA at 100% backlight
Dimensions	4.6" x 2.75" x 1"
Weight	0.5LB
Operating System	Linux
Warranty	1 year
Other Features	Real Time Clock, locking connectors, factory tested, field upgradeable firmware
Mounting Pattern	AMPS 4-HOLE standard
Package Contents	DashDAQ, Vehicle Cable, USB Cable, Windshield Pedestal, CD-ROM, users manual



DashDAQ also works with the following products	
Standalone ECUs *	Sensors and Systems *
DashDAQ can connect to and display parameters from many standalone ECUs like AEM, DTAfast, Autronic, ECM, HydraEMS, FAST, BigStuff3, and others thru its serial and CAN expansion ports.	DashDAQ supports the Innovate expansion Bus, commercial wideband O2 kits, 0-5V analog sensors, K-Type thermocouples (when used with a 0-5V converter box), and many other sensors
Tuners and Programmers	
DashDAQ is a great data logger and cabin display for customers that have changed the calibration in their vehicle. DashDAQ will data log OBD2 data from cars that have been recalibrated. It also works with many interceptor boxes that retain the factory ECU.	
* Support for some of these products may require additional software or hardware add-on modules. A complete list of supported products is located at www.dashdaq.com	

DashDAQ Supports all OBD2 vehicles, including (but not limited to) vehicles from these automakers:

Acura	X
Ariel Atom	X
Aston Martin	X
Audi	X
Bentley	X
BMW	X
Buick	X
Cadillac	X
Chevrolet	X
Chrysler	X
Daewoo	X
Dodge	X
Ferrari	X
Ford	X
GMC	X
Holden	X
Honda	X
Hummer	X
Hyundai	X
Infiniti	X
Isuzu	X
Jaguar	X
Jeep	X
Kia	X
Lamborghini	X
Land Rover	X
Lexus	X
Lincoln	X
Lotus	X
Maserati	X
Mazda	X
Mercedes	X
Mercury	X
Mini	X
Mitsubishi	X
Nissan	X
Oldsmobile	X
Plymouth	X
Pontiac	X
Porsche	X
Rolls Royce	X
Roush	X
SAAB	X
Saturn	X
Saleen	X
Scion	X
Subaru	X
Suzuki	X
Toyota	X
Volvo	X
VW	X

DASHDAQ SERIES II



(actual size and screen resolution)



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DASHDAQ SERIES II

DashDAQ's Patent Pending Skin System allows you to design your own dashboard.
A few example themes and screens:



What is DashDAQ?

DashDAQ is a windshield-mounted cabin monitor that easily installs in seconds. DashDAQ's unique features allow you to do many different things all from one product



Data Information Display

- Display sensor data directly from the factory computer in your car
- View much more information than what's available on the factory gauges
- Completely replace the factory instrument cluster for hot rods and motor swap projects
- Connect to 3rd party sensors, race acquisition systems, and stand-alone ECUs



Flight Data Reorder

- Show info on gauges in real-time
- Record up to 2GB of data on an optional memory card
- Playback and analyze data



Measurement Tool

- Measure 1/4 mile, 1/8 mile, and 0-60 times
- Calculate Horsepower and Torque
- Display MPG statistics
- Capture trip driving data



Diagnostics Tool

- Find out why your check-engine light is on
- Read and clear diagnostic codes (DTCs)
- View sensor data to figure out which parts may be defective



GPS

- Connect to a variety of serial and USB GPS modules, ranging from 1Hz to 20 Hz.
- Navigate to your destination with optional Linux-based navigation software
- Run other GPS-based software on the open Linux platform



Who is DashDAQ For?

DashDAQ is equipped with the features and power to attract everyone, from the daily driver to professional racer



General Enthusiasts

- View much more information than the factory instrument cluster
- Diagnose your vehicle's check-engine light
- Configure data recording for trip and driving statistics
- Use optional GPS navigation to reach your destination



Show Car Builder/Owner

- Customize gauge skins to match the color and styling of the car
- Easily accommodate engine swaps by removing the factory instrument cluster and installing DashDAQ
- Incorporate gauges, audio, and video on the dash
- Connect DashDAQ's stereo line-out to your vehicle's audio system



Tuners

- View critical parameters such as spark, load, coolant temperature, etc directly from the factory ECU
- Use DashDAQ's performance tools to calculate horsepower, torque, and 1/4 Mile times
- Add up to two Wideband O2 kits to the DashDAQ's analog inputs to view and record accurate air/fuel information
- View ECU and performance data from custom tuned vehicles



Race Car Teams

- View and record data from multiple signals and sensors
- Connect to stand-alone ECUs to collect data without having a laptop installed in the vehicle
- Playback and analyze data on-screen or at a PC
- Use 3rd party software for GPS track mapping, lap counting, and many other functions.