



# VIRTUAL INSTRUMENTATION



## VI MONITOR



**VI monitor is a multi function gauge which provides real time OBDII engine and performance monitoring, datalogging and diagnostics for the car enthusiast.**

Designed and engineered in Britain by Armour Automotive, VI Monitor works by reading the datastream from the car's engine management system, via the OBDII port.

It installs in seconds, can be moved from car to car and comes with an easy to use touch screen, full instructions, and PC comparison software.

As well as engine and performance monitoring VI Monitor has a shift light, G Meter, the ability to view and reset engine fault codes and over 500 hours of datalogging.

VI Monitor is fun and informative to use, as well as being accurate to within hundredths of a second - Proven in live tests at Santa Pod Raceway.

*"I found the VI Monitor really easy to use and packed with handy functions - I'm going to see how much G-force I can pull!"*

Redine magazine

*"You see everything from speed and revs to throttle application - we were able to record 0-60 MPH times, plus measure the G-force"*

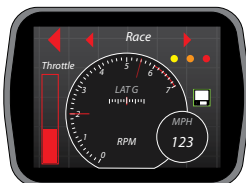
Auto Express



High Definition Touch Screen Display



Audible Speed & RPM Warnings



User-Adjustable Shift Lights



Self-Damping 3-Axis G-Meter



Acceleration & Braking Performance Tests

**WWW.VI-PERFORMANCE.COM**





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**Compatible with most OBD II compliant vehicles\*- reading data via the OBDII port VI is practically universal.**

### **Real Time Monitoring of up to 15 Parameters\*\* on Multiple Gauges**



Monitor parameters such as RPM, speed, Throttle position, intake manifold pressure, water temperature, air intake temperature, air fuel ratios (Lambda) air flow rate, ignition advance fuel pressure, and many more.

### **RPM & Speed Warnings with Shift Light**



Avoid putting points on your licence with adjustable speed warnings. Use the RPM warnings in conjunction with the adjustable Shift Light feature to get the most from your engine's performance.

### **Data Logging**

Record over 500 hours of engine and performance data on any parameters for review. Then upload the data to your computer for comparison. Ideal for measuring the effectiveness of modifications and recording driver's performance.

### **Timing**

Simple stop/start timing feature allows you to record your times for later comparison on a computer.

### **Dyno Testing**

Using a built-in Virtual Dynamometer, VI can test your vehicle's true net horsepower in real-world conditions.

### **VI Desktop Comparison Software**

VI Monitor comes with PC software for downloading and comparing data. View your performance data as numbers or graphs.

### **Performance Tests for Both Acceleration and Braking**



Perform braking and acceleration tests such as 0-60, 1/4 mile and 0-60-0 to measure your car's true performance. Most tests can be G triggered for unparalleled accuracy. Each test is recorded for future comparison.

### **Self-Damping 3 Axis G-Sensor**



Highly accurate G-Sensor with built-in damping monitors acceleration, braking and cornering G forces. Also records maximum G readings.

### **Descriptive Fault Code Diagnostics**

Got an Engine warning light, but don't know why? VI gives you the fault code number and a brief description of the problem, giving you with more information to take to your garage or tuner.

### **MIL Stats**

VI allows you to reset fault codes yourself. It also maintains a complete MIL stats history, including time and distance since the engine warning light was activated or reset.



**Designed and engineered in the UK.**

\*Check with vehicle manufacturer to confirm OBD II compliance.

\*\*Parameters available dependant on vehicle.

## **WWW.VI-PERFORMANCE.COM**

VI is brought to you by Autoleads - A brand of Armour Automotive  
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