

# **WIFI OBD Device**

## **Technical Specifications and Setup Instructions**

SSID: CLKDevices  
IP: 192.168.0.10  
Subnet: 255.255.255.0  
Port: 35000  
Range: 50 ft (Line of sight)  
Antenna: Internal  
Power Consumption: 0.75 Watts  
Wifi Standard: 802.11a/b/g  
Operating Temperature: -15 to 100 Deg Celsius  
Plastic: Automotive Grade  
Physical Dimensions: 2.75 x 1.25 x 1.2 inches

## **Description**

**CLK** is capable of communicating with vehicles which adopt following protocols:

ISO 9141  
ISO 11898(aka. CAN)  
ISO 14230(aka. KWP2000)  
ISO 15765(aka. CAN)  
SAE J1939

**CLK** is able to detect and interpret these protocols automatically. It also provides support for high speed communications and a low power sleep mode. It use AT commands to communicate with a host device (PC, notebook, iPhone, iPod touch, iPad and so on). There are plenty of software packages available, which are fully compatible with **CLK**. Some of them have pretty useful features, such as engine running parameters monitoring, DTC reading and clearing, MPG meter, etc. You can even write your own software on a specified hardware platform if you wish, because the AT commands are fully documented and very well explained. **CLK** is measuring only 2.7 x 1.25x 0.9 inches, and it comes attached with a 6 ft OBDII cable for easy installation.

**It is compatible with 1996 and later for US vehicles, 2001 petrol and 2004 Diesel for European vehicles.**

**CONNECTING TO YOUR IPHONE / IPOD TOUCH IS MADE BY WIFI CONNECTION IN ADHOC MODE.**

**SET YOUR IPHONE OR PC TO IP ADDRESS 192.168.0.12 and 255.255.255.0  
BE SURE TO SET YOUR IPHONE OR PC TO USE STATIC ADDRESS RATHER THAN DHCP ADDRESS MODE.**

**PLEASE ENSURE THE WIFI NETWORK IS OPERATIONAL AND THEN PLUG IN THE DEVICE AND THEN START YOUR SOFTWARE. ANY OTHER ORDER OF CONNECTION IS LIKELY TO CAUSE COMMUNICATIONS TO FAIL. `**

**IN REV SELECT CUSTOM INTERFACE FROM THE SETTINGS MENU AND ENTER 192.168.0.10 WITH PORT NUMBER OF 35000**

With proper software installed in the host device, you may have following parameters read out from your vehicle:

Vehicle Speed

RPM

Fuel Consumption\*

Engine Coolant Temp

Fuel Pressure

Calculated Engine Load

Throttle Position

Intake Manifold Pressure

Air Intake Temp

Timing Advance

Mass Air Flow

Fuel Level

Barometric Pressure

EVAP System Vapor Pressure

Fuel Trim

\*note: Your vehicle may not support all above parameters. How many parameters you can get is depended on the vehicle manufacturer's implementation.

#### iPhone and iPad Software

This device does not include software you must source and download from the Apple app store on the internet.

Example software –

REV

FuzzyCar

Dashcommand

#### PC software

This device does not include software you must source and download from the internet.

Example Software -

[http://www.palmerperformance.com/store/index.php?cPath=21\\_28](http://www.palmerperformance.com/store/index.php?cPath=21_28)

A demo version of scan master which has PC WIFI support is available to download from our website [www.automotiveclassics.com](http://www.automotiveclassics.com)

you will find this and other software in the products section.