Customer should know the following:

1. the chip (V-Link) is ARM chip which speed is more faster and the communication speed is doubled than before one (**CLK DEVICE**)
2. the shape looks elegant and refined, the design is near the Apple style, compared the (**CLK DEVICE**), this new device is more exquisite, it doesn't using the cable but (**CLK DEVICE**) having.
3. It has the function of power be off and energy keeps saving automaticly. When the main chip were detected not in communication for an hour then the device will be off automaticly and get into energy saving state, it only comsumes 3 microamp electric current which saved much for the cars power supply system.
4. the real **J1939** and the stable **J1979** protocol can make customers do efficiently redeveloped
5. it supports all WIFI System (ANDROID, **PC, WINCE, IPHONE, IPAD)**
6. it distributes address freely not same as the traditional **ADHOC** do, it support DHCP , so customer can make a clear and simple connecting.

Technical Specifications

System Support: **DHCP**

SSID: V-Link
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 (With Power Switch)
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

WI-FI OBD AUTO CHECKER 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

WI-FI OBD AUTO CHECKER 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 **WI-FI OBD AUTO CHECKER**. 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. **WI-FI OBD AUTO CHECKER** 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 also comes included with a power switch built-in to prevent the need for having to constantly disconnect your unit from the OBDII port. **It is compatible with 1996 and later vehicles**. Connecting to your iPhone / iPod touch /iPad is made by WIFI connection in adHoc mode.

Elder OBD compatible vehicles has a sticker indicates that the vehicle is OBD compatible. Model year 1996 and newer vehicles are compliant by default, and will not have this sticker.

Following are some of the parameters which could be read from the 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

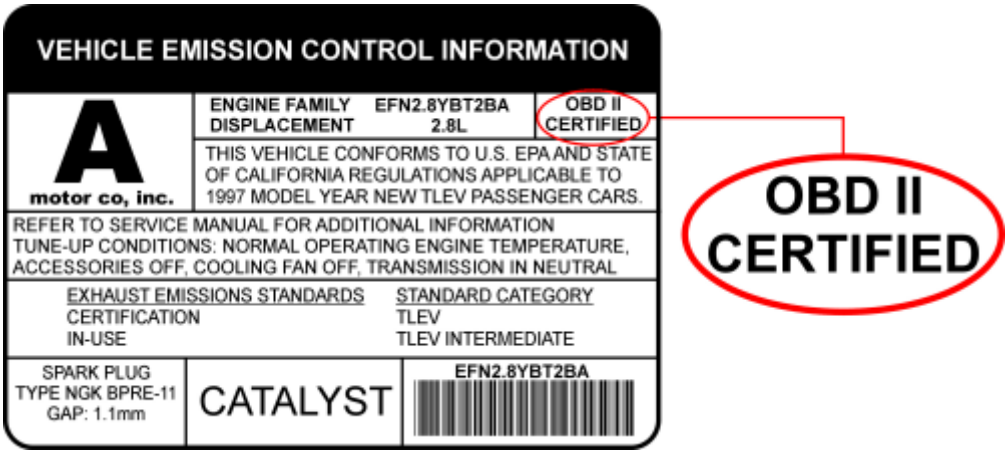
*note: Your vehicle may not support all above parameters. How many parameters you can get is depended on the vehicle manufacturer's implementation.

Vehicles supported

Our device works on all 1996 to 2010 cars and light trucks sold in the United States, including:

Acura	Daihatsu	Isuzu	Mercedes	Porsche	Smart
Alfa Romeo	Daimler	Jaguar	Mercury	Regal	Subaru
Ariel Atom	Dodge	Jeep	MG	Renault	Suzuki
Aston Martin	Ferrari	Kia	Mini	Rolls-Royce	Tesla
Audi	Fiat	Lamborghini	Mitsubishi	Roush	Toyota
Bentley	Ford	Lancia	Nissan	Rover	Triumph
BMW	Geo	Land Rover	Oldsmobile	Saab	TVR
Buick	GMC	Lexus	Opel	Saleen	Vauxhall
Cadillac	Holden	Lincoln	Pagani	Saturn	Volkswagen
Chevrolet	Honda	Lotus	Panoz	Seat	Volvo
Chrysler	Hummer	Maserati	Peugeot	Scion	Yugo
Citroen	Hyundai	Mazda	Plymouth	Shelby	……
Daewoo	Infiniti	McLaren	Pontiac	Skoda	……

Some 1994 and 1995 models are also supported. To see if your vehicle is compliant, pop the hood and look for this sticker:



Compatible Software and Features:

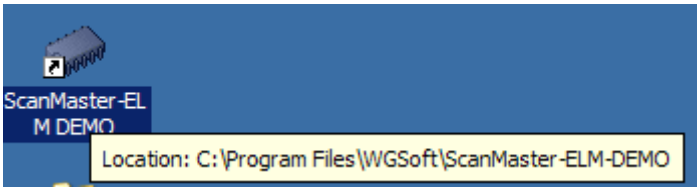
What features you can have depended on what software you install on iPhone /iPod touch /iPad/ PC. There are a lot of commercial or free software. The features of the software differ from one another. User should choose his own software by his preference. For more details about the software, please consult the software vendors.

Where can I get the software?

You can log on to the apple application store to get your commercial/free software.

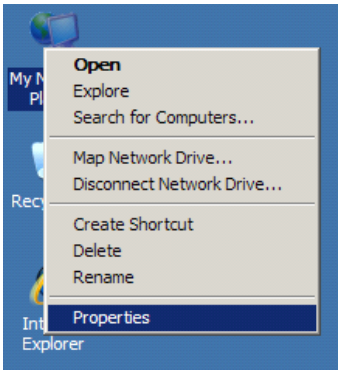
There is a freeware in the CD-ROM comes along with the device. You can use this piece of software to config and test the **WI-FI OBD AUTO CHECKER.**

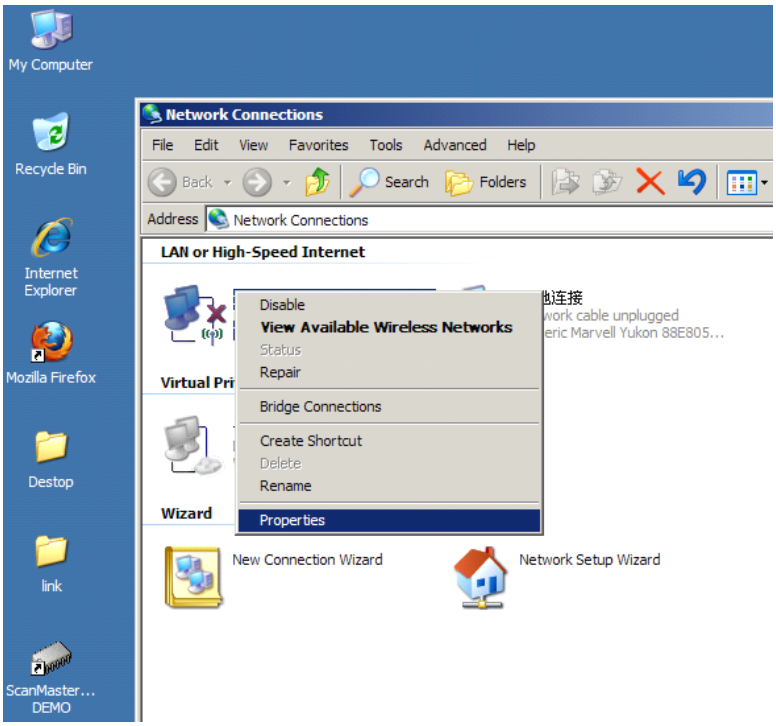
After the installation of **ScanMasterELM_DEMO_2.0.101.65,** there would be a shortcut on the desktop.

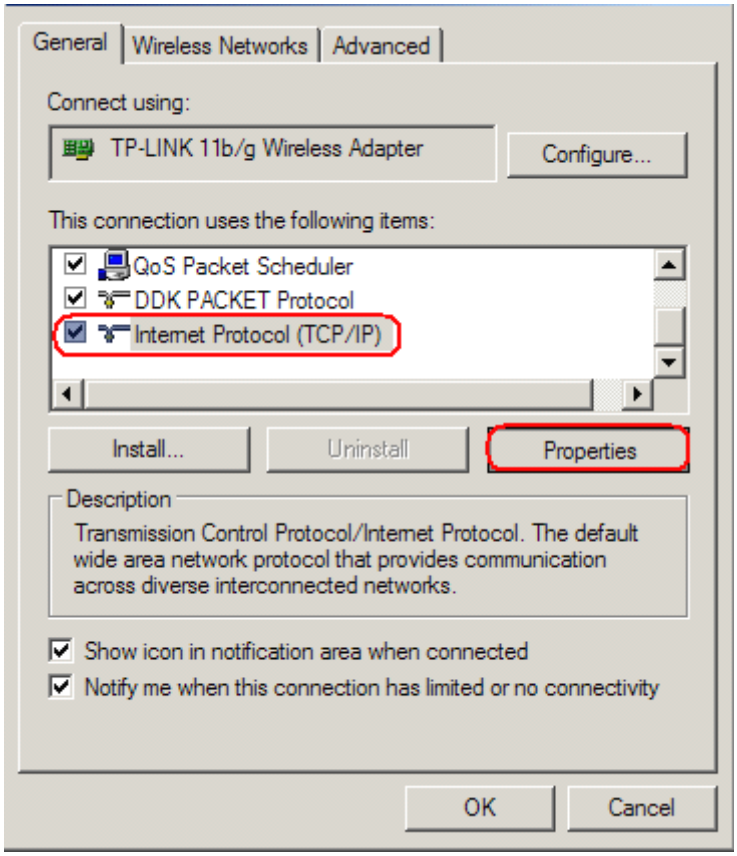


You need to config your PC or cellphone before you can use this software.

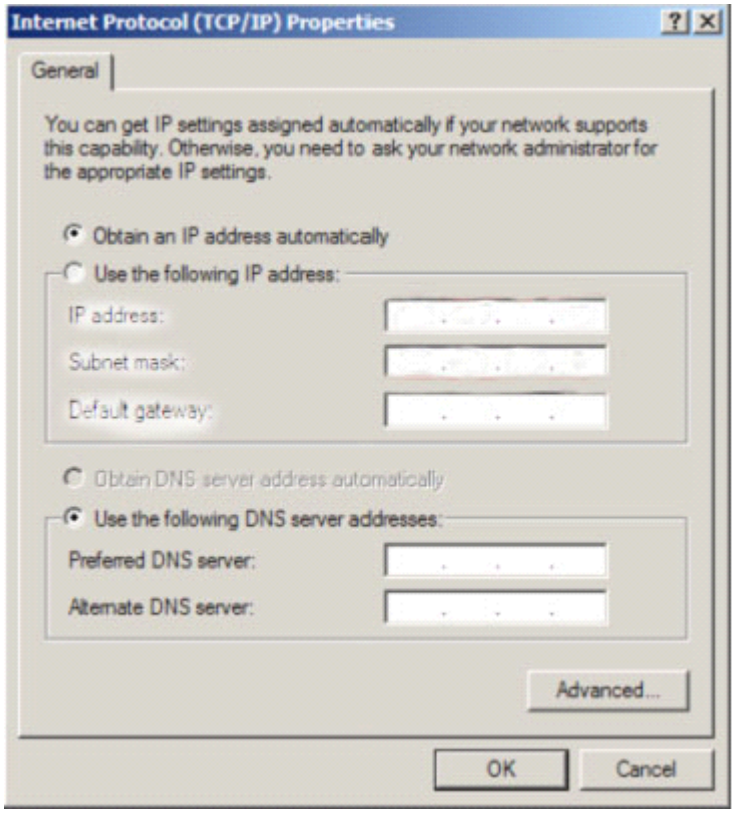
For example, on a PC you should follow the steps shown in the pictures below:



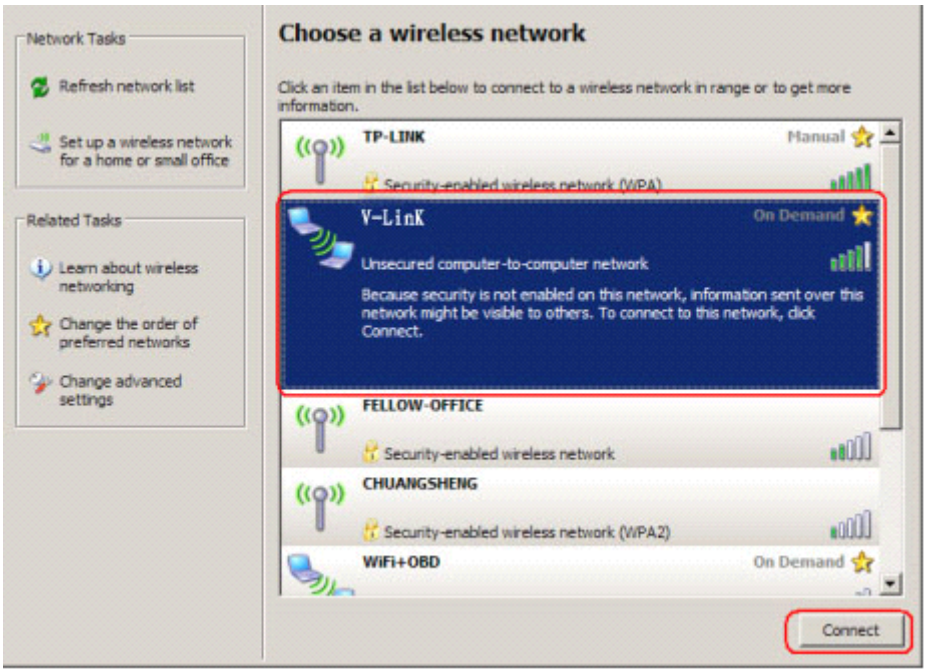

My Computer
Recycle Bin
Internet Explorer
Mozilla Firefox
Destop
link
ScanMaster... DEMO
Network Connections
File Edit View Favorites Tools Advanced Help
Back Search Folders
Address Network Connections
LAN or High-Speed Internet
Disable
View Available Wireless Networks
Status
Repair
Bridge Connections
Create Shortcut
Delete
Rename
Properties
Virtual Pri
Wizard
New Connection Wizard
Network Setup Wizard


General
Wireless Networks
Advanced
Connect using:
TP-LINK 11b/g Wireless Adapter
Configure...
This connection uses the following items:
QoS Packet Scheduler
DDK PACKET Protocol
Internet Protocol (TCP/IP)
Install...
Uninstall
Properties
Description
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
Show icon in notification area when connected
Notify me when this connection has limited or no connectivity
OK
Cancel

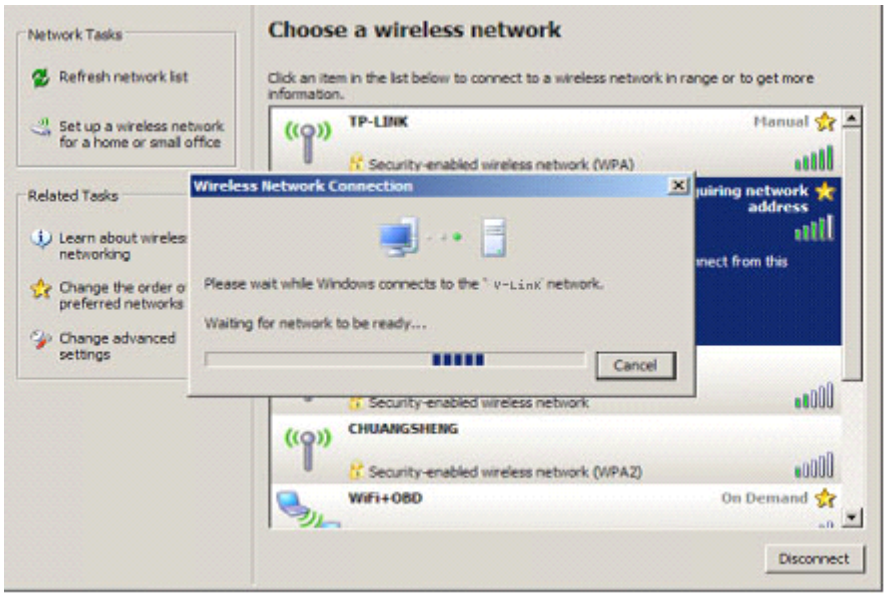
IP address setting.

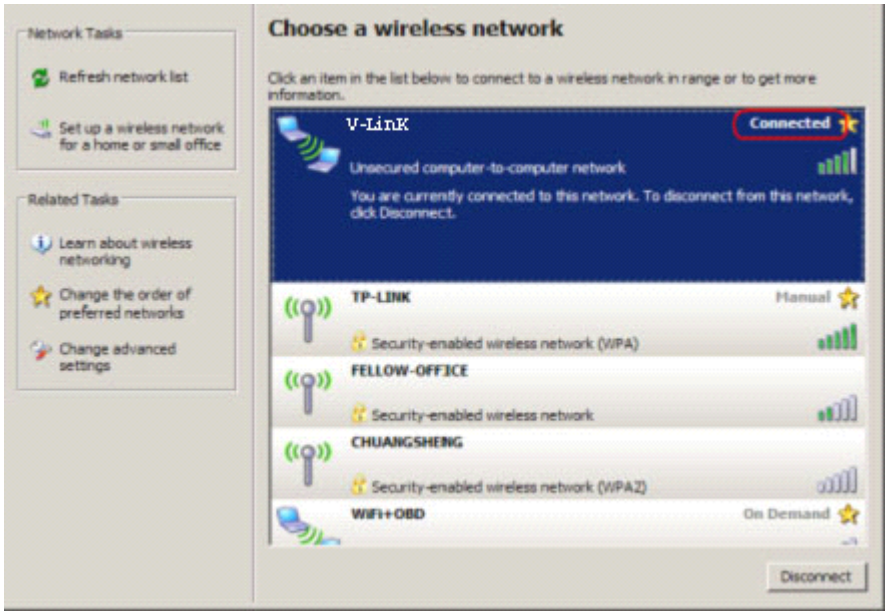


After this, click **OK**. You can find the **V-LinK** device in the window shown below.



Click **Connect** to connect your PC to **V-LinK**.

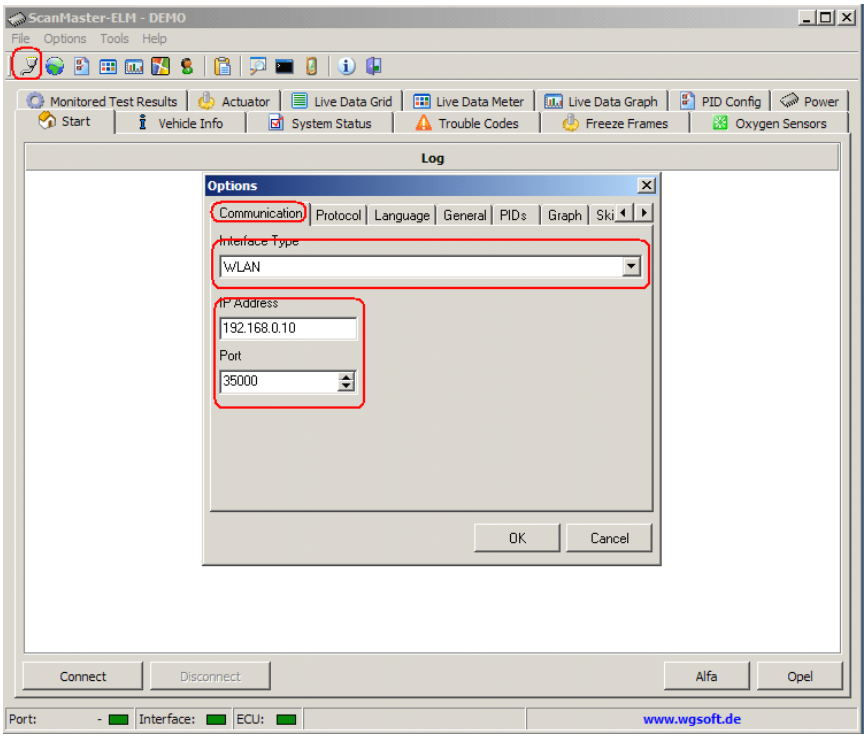




Now the configuration of your PC is done. You can start to use the software.

Usage of the ScanMaster-ELM:

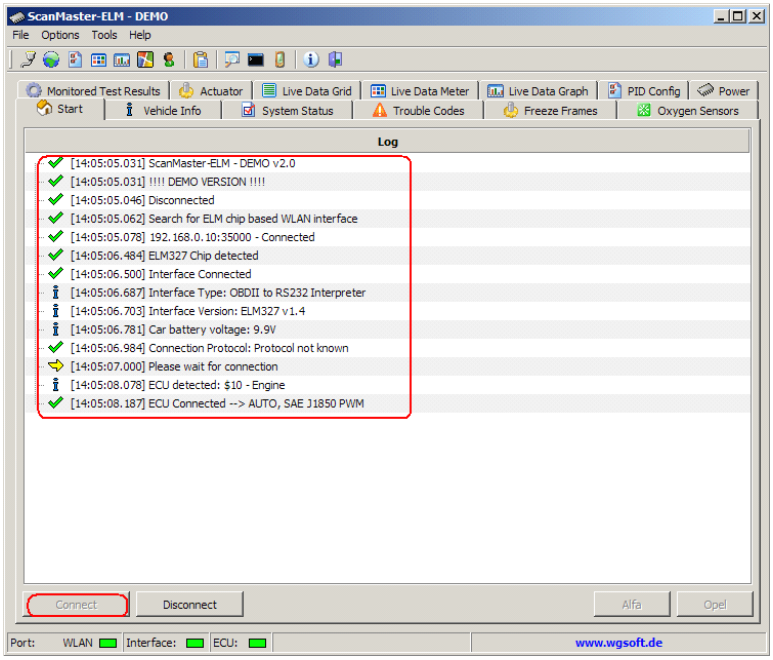
Double-click the **ScanMaster-ELM DEMO** icon to start it.
You may need to config it as shown below：

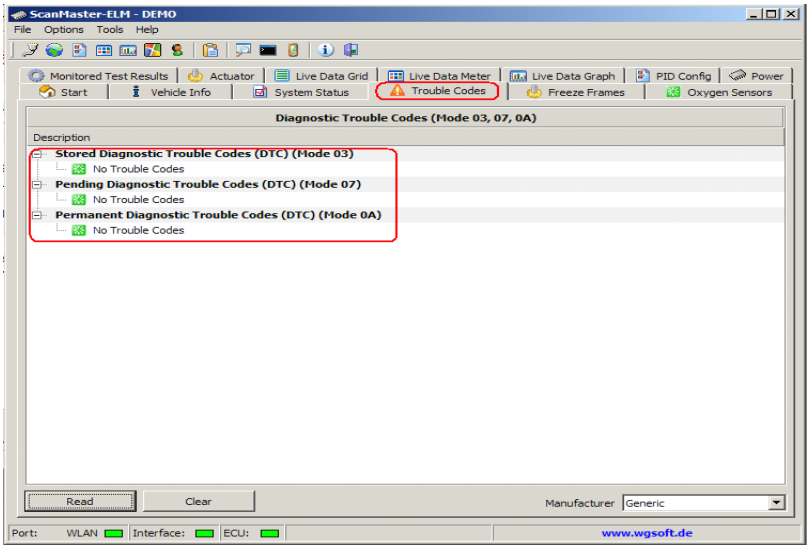


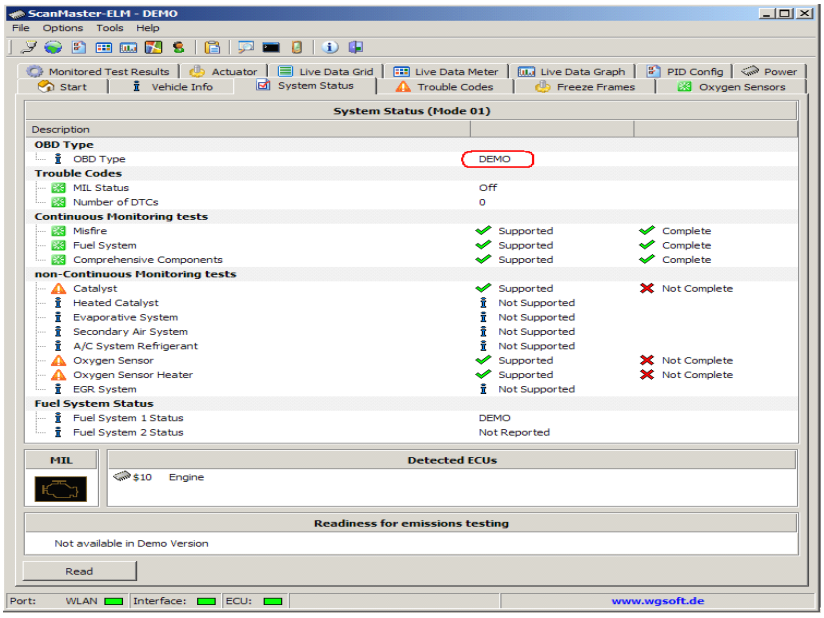
Click the  button, choose **WLAN** in the drop list which resides in the tab named **Communication**

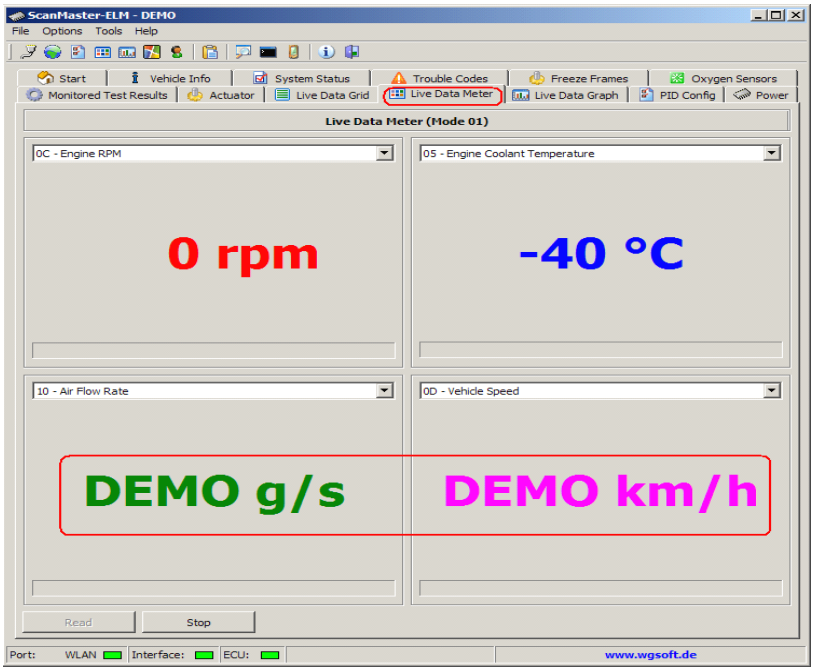
Enter 192.168.0.10 as the IP address and 35000 as the port number. Click **OK.** Now the software is ready to use.

These are what you'll see when the software is running:


ScanMaster-ELM - DEMO
File Options Tools Help
Monitored Test Results
Actuator
Live Data Grid
Live Data Meter
Live Data Graph
PID Config
Power
Start
Vehicle Info
System Status
Trouble Codes
Freeze Frames
Oxygen Sensors
Log
[14:05:05.031] ScanMaster-ELM - DEMO v2.0
[14:05:05.031] !!!! DEMO VERSION !!!!
[14:05:05.046] Disconnected
[14:05:05.062] Search for ELM chip based WLAN interface
[14:05:05.078] 192.168.0.10:35000 - Connected
[14:05:06.484] ELM327 Chip detected
[14:05:06.500] Interface Connected
[14:05:06.687] Interface Type: OBDII to RS232 Interpreter
[14:05:06.703] Interface Version: ELM327 v1.4
[14:05:06.781] Car battery voltage: 9.9V
[14:05:06.984] Connection Protocol: Protocol not known
[14:05:07.000] Please wait for connection
[14:05:08.078] ECU detected: $10 - Engine
[14:05:08.187] ECU Connected --> AUTO, SAE J1850 PWM
Connect
Disconnect
Alfa
Opel
Port: WLAN
Interface:
ECU:
www.wgsoft.de


ScanMaster-ELM - DEMO
File Options Tools Help
Monitored Test Results
Actuator
Live Data Grid
Live Data Meter
Live Data Graph
PID Config
Power
Start
Vehicle Info
System Status
Trouble Codes
Freeze Frames
Oxygen Sensors
Diagnostic Trouble Codes (Mode 03, 07, 0A)
Description
Stored Diagnostic Trouble Codes (DTC) (Mode 03)
No Trouble Codes
Pending Diagnostic Trouble Codes (DTC) (Mode 07)
No Trouble Codes
Permanent Diagnostic Trouble Codes (DTC) (Mode 0A)
No Trouble Codes
Read
Clear
Manufacturer
Generic
Port: WLAN
Interface:
ECU:
www.wgsoft.de


ScanMaster-ELM - DEMO
File Options Tools Help
Monitored Test Results
Actuator
Live Data Grid
Live Data Meter
Live Data Graph
PID Config
Power
Start
Vehicle Info
System Status
Trouble Codes
Freeze Frames
Oxygen Sensors
System Status (Mode 01)
Description
OBD Type
OBD Type
DEMO
Trouble Codes
MIL Status
Off
Number of DTCs
0
Continuous Monitoring tests
Misfire
Supported
Complete
Fuel System
Supported
Complete
Comprehensive Components
Supported
Complete
non-Continuous Monitoring tests
Catalyst
Supported
Not Complete
Heated Catalyst
Not Supported
Evaporative System
Not Supported
Secondary Air System
Not Supported
A/C System Refrigerant
Not Supported
Oxygen Sensor
Supported
Not Complete
Oxygen Sensor Heater
Supported
Not Complete
EGR System
Not Supported
Fuel System Status
Fuel System 1 Status
DEMO
Fuel System 2 Status
Not Reported
MIL
Detected ECUs
$10 Engine
Readiness for emissions testing
Not available in Demo Version
Read
Port: WLAN
Interface:
ECU:
www.wgsoft.de



Note: This piece of software is a demo version. It only provides some basic features. If you want all the features, you can buy it from http://www.wgsoft.de

Using Iphone 4&IPAD&IPOD software setting:

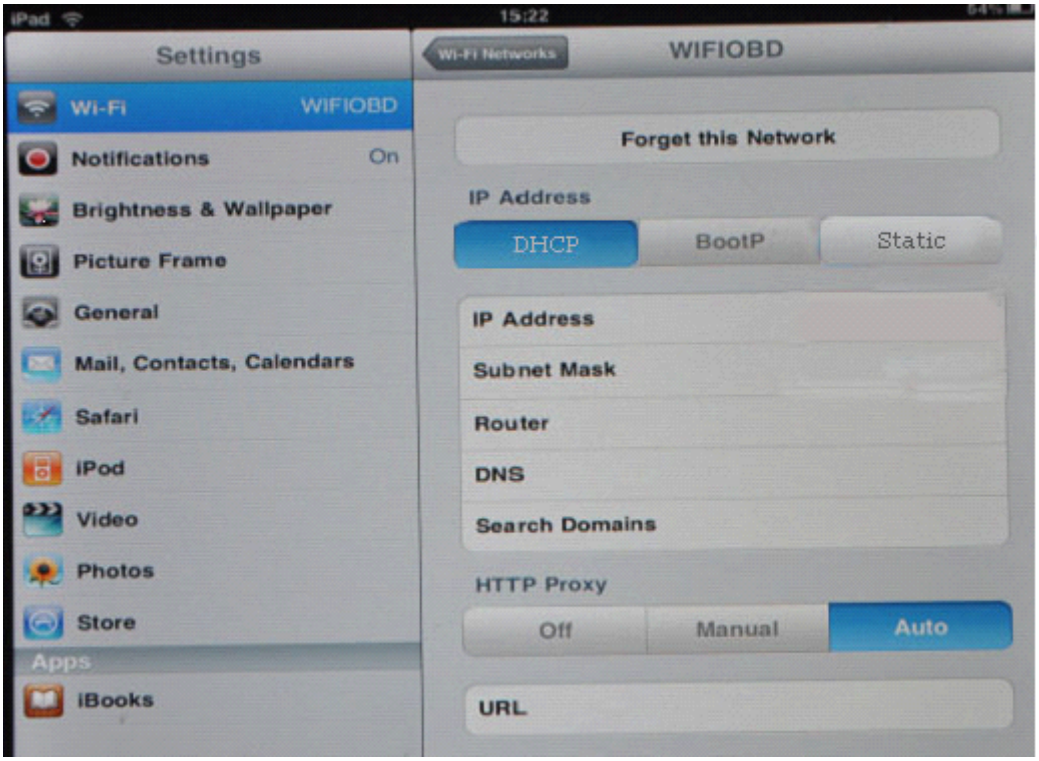
Note: After you get the applications, you will have a detailed user manual, which is provided by the application venders,

Here are a few examples to config the application.

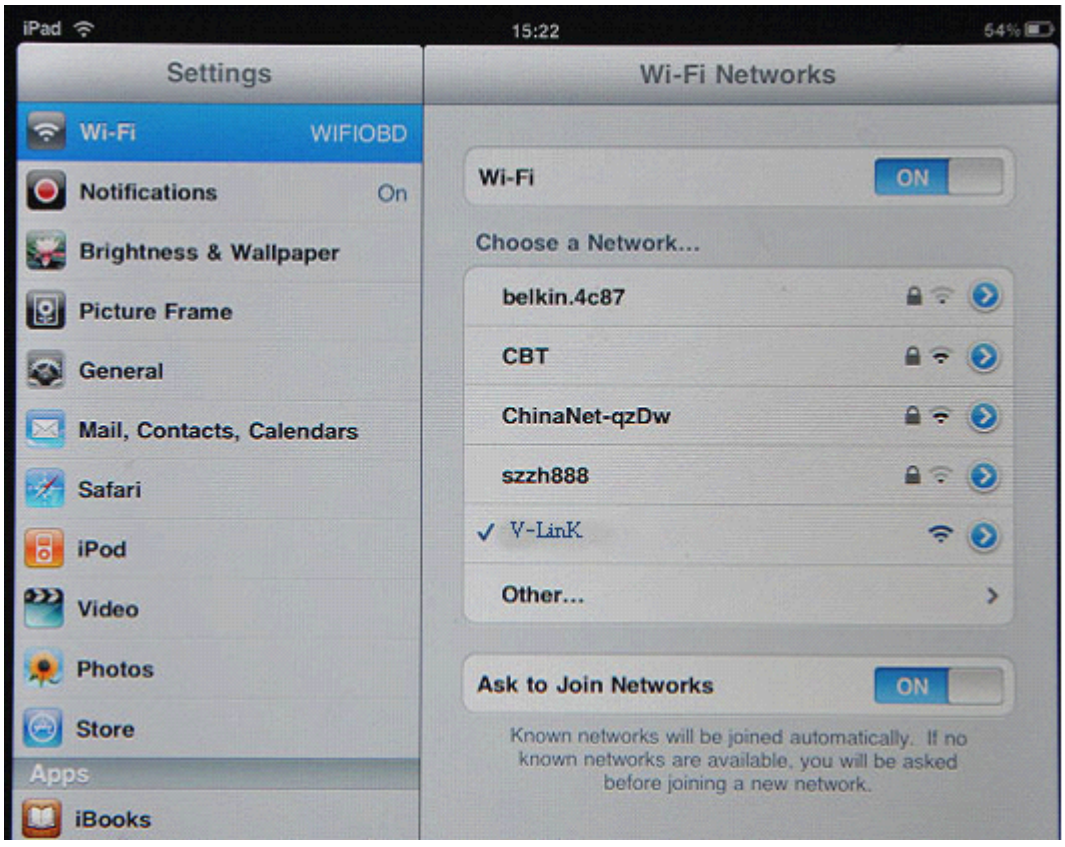
You need to change the WIFI settings(IP address and net mask) of your **Iphone 4/IPAD/IPOD** before you try to connect your device to **WI-FI OBD AUTO CHECKER.**

Here is a step-by-step example：

Click **Settings ->General->Network**

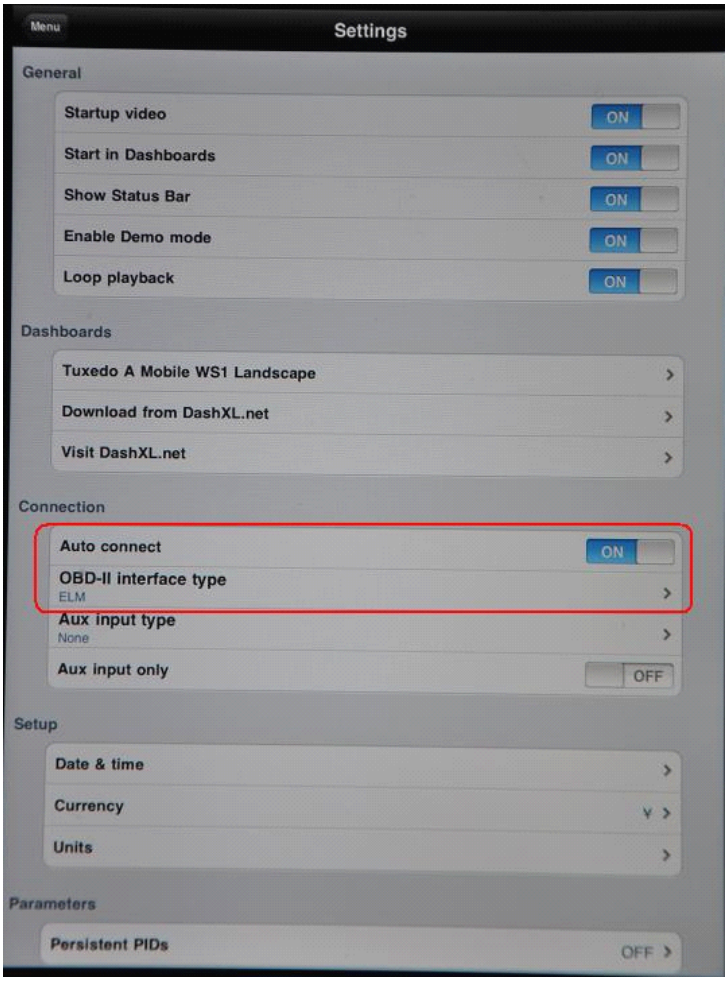


Scan for the WiFiOBD device, and join the network.



You may need to config the software before you can use it.
Let's take **DashCommand** as an example

After start, go to the page named **Settings**

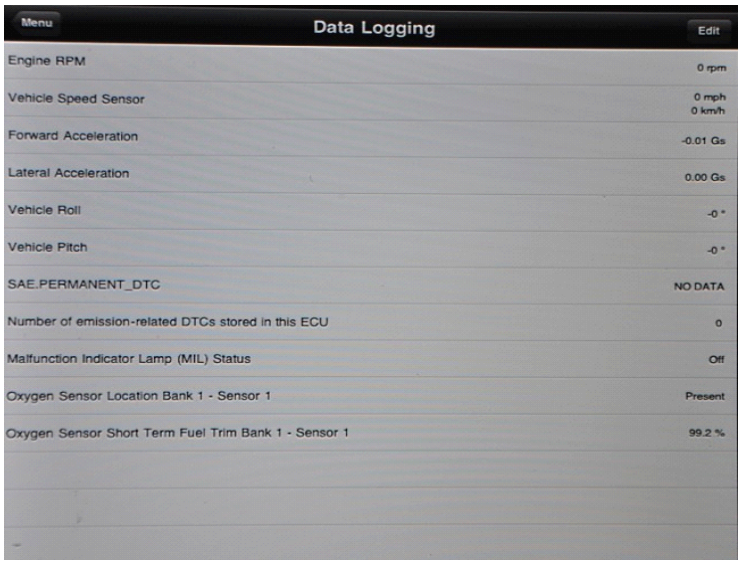


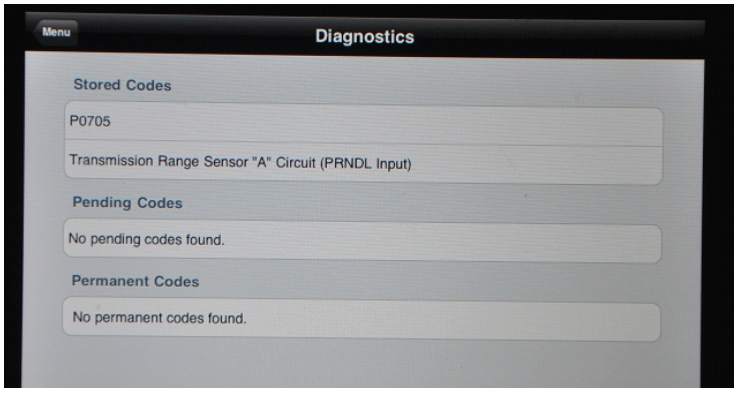
Change the settings according to the picture：
Auto connect: **ON**

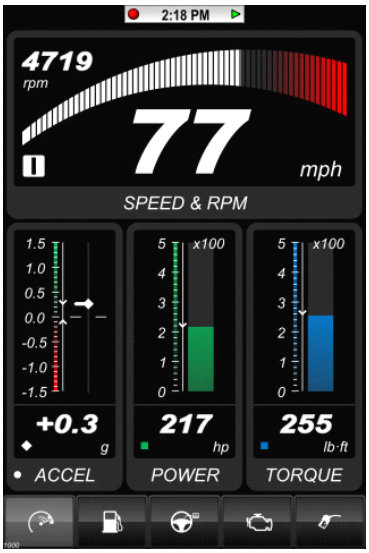
OBD-II Interface Type： **ELM**

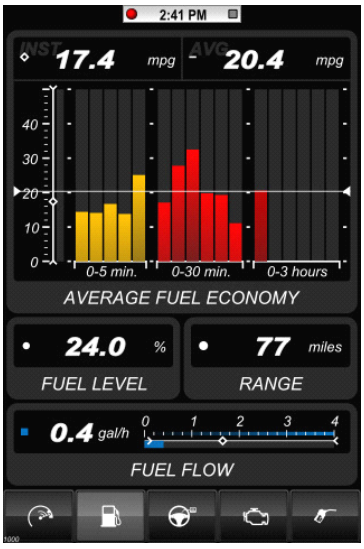
Save the settings and you can start to use it.

These are what you'll see when the software is running:





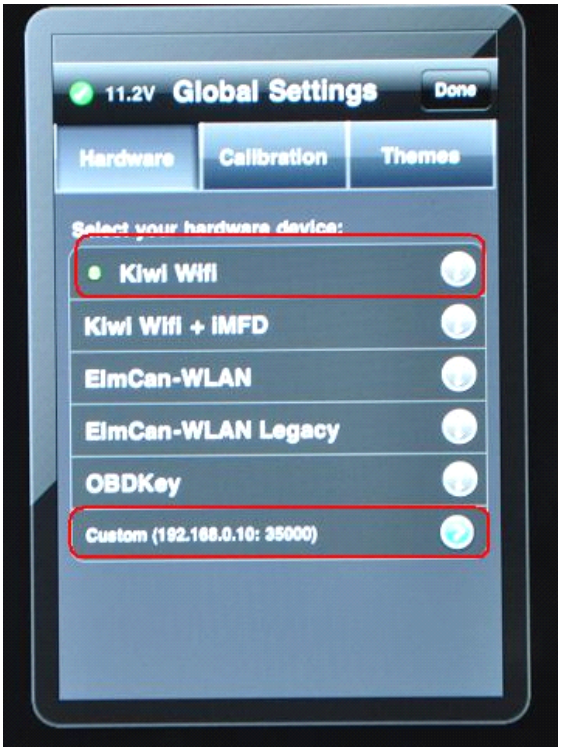


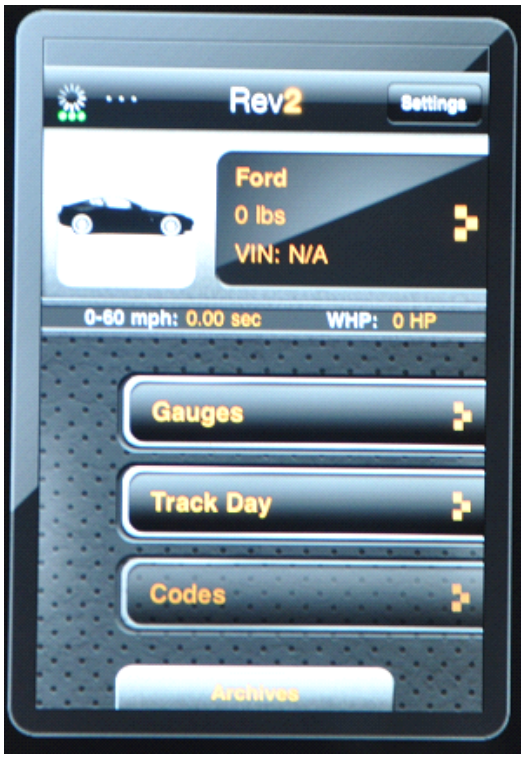


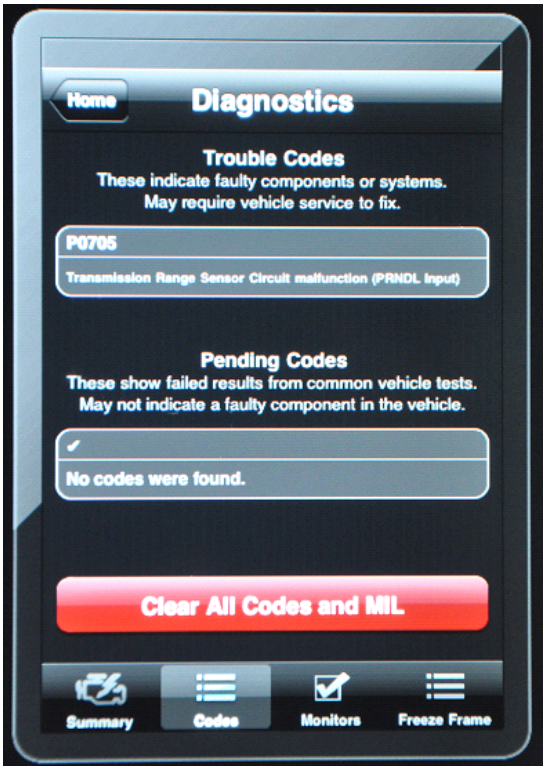
Here are the instructions to config **Rev for iPhone / iPod Touch**

Start the application and enter the **Global Settings** page, select KiWi Wifi as your hardware device.

Click **Custom**, enter 192.168.0.10 as the IP address and 35000 as the port number.







You don’t need to config **SpeedPort**, just run it after you have it installed on your device.