# VPECKER USER MANUAL

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1. Running environment

- Hardware environment:
  
  Windows laptop, PC or PAD
  
  CPU speed: more than 1.0G Hz
  
  Memory: more than 1GB
  
  Disk: more than 32 GB
  
  Communication port: Wi-Fi or Bluetooth

- Software environment:
  
  Windows XP, Windows 7, Windows 8, Windows 10

2. Software installation

2.1 Client downloading

Access the website: http://www.vpecker.com/vpecker-software-download/, and download “Vpecker Setup Vx.xx”

2.2 Client setup

Unzip Vpecker Setup Vx.xx and run Vpecker setup.exe:
Please click "Next".
You can change the path to install the software, then, please click “Next”.

Please click “Install”.

VPECKER wireless diagnostic service system installs successfully.
3. Software activation and downloads

3.1 Software activation

At first, please keep network working. Run VPECKER APP, then click “Online store” to get applications.

Please wait…
Please click “Online store”.

Please enter the S/N number and password get from the envelope, and then click “Login”.

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Please click “Login”.

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If the product is not activated, please click “Yes”.

Please input your information, the Email address and country are required, and then click “Activate”.
Note:

Your email address must be real in order to get the activated link and the further better service from the manufacturer. The software update reminder and the new product release information will be sent to your email.

If you do not receive the activation email, please add "vpecker@tdintel.com" to the white list of your mailbox and try the activation process again.

Company name: company name must be filled in and the length is within 250 characters.

Country: please choice your country in the list.

Press “Yes” to confirm your information:
Dear user,
Please click the link below to activate your product.
http://www.tdintel.net/interface/sendemail.aspx?sn=...
Welcome to use Vpecker, thanks for your supports.
Best wishes.

TDINTEL Technology Co., Ltd.

Please click the link to get the confirmation from the manufacturer.

Activate success.

3.2 Software downloads

After the activation, please login the online store again, and get the APPs upgrade.
Please, click “Login” to download the software.
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<table>
<thead>
<tr>
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There are three modes for downloading, one by one and one-click. It may take a long time to download all the software, due to customers’ network speed reason.

### 3.3 Software management

Users can delete vehicle software here. You can delete one by one or all-selected delete.
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<td>Mitsubishi</td>
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</table>
4. Software introduction

Run VPECKER, The screen will show:
4.1 Online store

Features

- Automatic Wi-Fi updates available in new software releases by smart upgrade mode.
- Wi-Fi internet capability allows for wireless access throughout the workshop.
- Extremely easy-to-use with touch-screen operation and intuitive operation in the windows.
4.2 Diagnosis service system (DSS)

4.2.1 Features

- Extensive vehicle coverage for more than 75 US domestic, European, Asian, Australian and Chinese vehicles makes.
- Complete function capability including live data, ECU programming and so many others.
- Unparalleled OBDII functionalities-support ALL 5 OBDII protocols and ALL 10 test modes.
- Can check out the year and model of the vehicles automatically and quickly.
- The genuine Windows 8 and Windows 10 operating systems allows for more stable performances, better compatibility and expandability
4.2.2 Vehicle coverage

US domestic: CHRYSLER, FORD, GM, JEEP, SCION, etc.
European: ABARTH, ALFA, ASTON, AUDI, BENTLEY, BENZ, BMW, BUGATTI, CITROEN, DACIA, FERRARI, FIAT, FORDEU, JAGUAR, LAMBORGHINI, LANCIA, LANDROVER, MASERTI, MINI, OPEL, PEUGEOT, PORSCHE, RENAULT, SAAB, SEAT, SKODA, SMART, VAUXHALL, VOLVO, VW, etc.

Asian: ACURA, ASIAGM, DAEWOO, DAIHATSU, HONDA, HYUNDAI, INFINITI, ISUZU, KIA, LEXUS, MAZDA, MITSUBISHI, NISSAN, PERODUA, PROTON, SSANGYONG, SUBARU, SUZUKI, TOYOTA, etc.

Australian: HOLDEN and FORD(AUSTRALIA).

China: BYD, CHANGAN, CHANGHE, CHERY, EMGRAND, ENGLON, FOTON, GEELY, GLEAGLE, GWM, HBSH, HUACHEN, LIFAN, WULING, YUAN, etc.

OBDII vehicle: CHRYSLER, FORD, GM, TOYOTA, LEXUS, HONDA, HYUNDAI, KIA, MAZDA, MITSUBISHI, NISSAN, SUBARU, SUZUKI, ABARTH, ASTON MARTIN, BUGATTI, FERRARI, LAMBORGHINI, MASERTI, BENZ, BMW, VW, AUDI, SEAT, SKODA, PORSCHE, JAGUAR, LANDROVER, VOLVO, SAAB, ALFA, etc.

4.2.3 System coverage

ME-Motor electronics, CDI-Common Rail Diesel Injection, ETC-Electronic transmission control, ESM-Electronic selector module, SBC- Sensotronic Brake Control, ESP-Electronic stability program, BAS-Brake assist, Suspension, TPC-Tire pressure monitor, Airbag, CGW-Central gateway, EIS-Electronic ignition switch, OCP-Overhead control panel, UCP-Upper control panel, XALWA-Xenon headlamp, HRA-Headlamp range control, ATA-Anti-theft alarm system, IC-Instrument cluster, ASSYST-Active Service System, SCM-Steering column module, EPS-Electrical power steering, PTS-Parktronic system, EPB-Electric parking brake, COMAND/AUDIO, CD/DVD, TV tuner, CTEL-Cellular telephone, DCM-Door control module, ESA driver-Electric seat adjustment driver, ESA passenger-Electric
seat adjustment passenger, AAC-Air conditioning, WSS-Weight sensor system, SVMCM-Special vehicle multifunction control module, etc.

4.2.4 Function coverage

Quick Test, Read ECU Info., Read DTCs, Erase DTCs, Clear learning value, Data Stream, Actuations, Read freeze frame data, Read/Write VIN, Basic Reset, Control unit adaptations, Throttle adaptations, Air bleeding, Level calibration, Theft alarm Reset, Key programming, Oil change, Idle speed learning, Idle speed Adjustment, Ignition timing adjustment, Camshaft timing control learning, Maintenance functions, ECU Initial startup, ECU initialization, etc.

4.3 Expert service system (ESS)

Expert service system, according to customers’ requirement list, focus on special functions such as Oil change, Idle speed learning, Idle speed Adjustment, Air bleeding, Level calibration, Throttle adaptations, Steering Angle Sensor Calibration, EPB Reset, DPF Reset, ECU Initial startup, ECU initialization, etc.
4.4 Maintenance service system (MSS)

Maintenance service focus on daily maintenance special functions, such as Oil reset, EPB, TPMS, ABS BLEEDING, DPF, ETS, BATTERY, INJECTOR.

4.5 Settings

4.5.1 Language

Choose the language you need, as the picture shows:
Language coverage: Supporting more 25 languages, including Chinese (Simplified), English, Chinese (Traditional), Japanese, German, Russian, French, Italian, Spanish, Portuguese, Polish, Turkish, Dutch, Hungarian, Korean, Czech, Arabic, Indonesian, Persian, Thai, Vietnamese, Finnish, Swedish, Romanian, Bosnian, etc.

Note: It will take English by default.

4.5.2 Run mode

It has Demo, so even VPECKER is not connected, it can simulate how VPECKER works. As the picture shows:
4.5.3 Unit selection

Unit switch between Metric and Imperial system:

- Metric system
- Imperial system
4.5.4 Display mode

Display modes between Full Screen and Fixed Size (1024 x 700):

![Vpecker User Interface]

4.4.5 Logging

Logging function is available; it can log the data of vehicle communication.
4.5.6 Update

If there is a new version, it can automatically prompt to update.
4.5.7 About me

Automatically identify VPECKER and VPECKER version information, when connection has problem (Wi-Fi or Bluetooth), and it can’t read VPECKER Hardware version, usually, it shows as “Unknown” or “---”; If the connection is OK, it shows hardware version. As the picture shows:
4.5.8 Skin Setting

Here you can change the background color.

4.6 DTC query

DTC query function is a DIY function, users can query, modify and create OBD DTCs by themselves requirement in local DTCs, and users can synchronize to TDINTEL company cloud server thought the internet too.
Please input a DTC code and click the search button

P0123

Systems
P=Powertrain
C=Chassis
B=Body
U=Network

Code Type Generic (SAE):
P0, P2, P34-39
B0, B3
C0, C3
U0, U3

Manufacturer Specific:
P1, P30-P33
B1, B2
C1, C2
U1, U2

Sub-systems:
1=Fuel and Air Metering
2=Fuel and Air Metering
3=Ignition System or Engine Misfire
4=Auxiliary Emission Controls
5=Vehicle Speed Control and Idle Controls
6=Computer Output Circuits
7=Transmission Controls
8=Transmission Controls

Identifying specific malfunctioning section of the systems

---

Please input a DTC code and click the search button

p1111

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<thead>
<tr>
<th>DTC</th>
<th>Vehicle</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1111</td>
<td>GM_HOLDEN</td>
<td>Intake air temperature sensor signal high</td>
</tr>
<tr>
<td>P1111</td>
<td>FORD</td>
<td>Code unallocated</td>
</tr>
<tr>
<td>P1111</td>
<td>JAGUAR</td>
<td>Code unallocated</td>
</tr>
<tr>
<td>P1111</td>
<td>BMW</td>
<td>Radiator outlet coolant temperature sensor signal low</td>
</tr>
<tr>
<td>P1111</td>
<td>VOLVO</td>
<td>Ambient air temperature sensor signal error</td>
</tr>
<tr>
<td>P1111</td>
<td>ISUZU</td>
<td>Intake air temperature sensor signal high</td>
</tr>
<tr>
<td>P1111</td>
<td>SUBARU</td>
<td>MAP/Barometric pressure sensor signal high</td>
</tr>
<tr>
<td>P1111</td>
<td>MAZDA</td>
<td>Code unallocated</td>
</tr>
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</tr>
<tr>
<td>P1111</td>
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<td>Converter clutch override sensor signal shorted</td>
</tr>
<tr>
<td>P1111</td>
<td>NISSAN</td>
<td>Intake variable cam timing solenoid circuit malfunction</td>
</tr>
</tbody>
</table>
4.7 Dictionary

Dictionary function is a DIY function, users can query, modify and create AUTO terms by themselves requirement in local terms, and users can synchronize to TDINTEL company cloud server thought the internet too.

4.8 Example

4.8.1 Communication

Please connect VPECKER with the car. After connection, the indication light turn on red.

Please check the connection of Wi-Fi or Bluetooth, if connect successfully, the indication light will turn to blue.

Run the VPECKER, and start to diagnose.
Choose the vehicle you need, and enter the diagnostic system:

Please press next page.
4.8.2 Read ECU information

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<th>Value</th>
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<td>Permanent</td>
</tr>
<tr>
<td>P0102</td>
<td>MAF SENSOR VOLTAGE LOW</td>
<td>Permanent</td>
</tr>
<tr>
<td>P1201</td>
<td>MISFIRE FUEL No 1 CYLINDER</td>
<td>Permanent</td>
</tr>
<tr>
<td>P1102</td>
<td>MAF LOWER THAN EXPECTED</td>
<td>Permanent</td>
</tr>
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4.8.4 Erase DTCs

DTCs and Freeze Data will be lost. Do you wish to continue?

[OK]  [Cancel]
4.8.5 Data List

<table>
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</tr>
<tr>
<td>ECT SENSOR 1</td>
</tr>
<tr>
<td>ECT SENSOR 2</td>
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<tr>
<td>ECT SENSOR 2</td>
</tr>
<tr>
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</tr>
<tr>
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<tr>
<td>MAP SENSOR</td>
</tr>
<tr>
<td>MAF SENSOR</td>
</tr>
<tr>
<td>MAF SENSOR</td>
</tr>
<tr>
<td>CLV</td>
</tr>
</tbody>
</table>
Select some items:

Select the 1st item, and click the Wave button:
Click the Record button to start data recording, until to click Stop button to stop recording:
Click the Play button, it will show the recording data list, select one of them and replay the recording data:
4.8.6 Inspection
### A/C Clutch Test

This test operates the A/C clutch manually.
Do you wish to continue?

**Options:**
- **Yes**
- **No**
Please ensure the gear shift is in neutral.
Set the parking brake.

Press the [OK] button to toggle the state of the A/C CLUTCH
4.8.7 TP Position Reset

This test confirms if the TP learning value is within limits. The learning value depends on carbon accumulation around the throttle body and stored in the ECM/PCM. If it exceeds the limit, reset it and clean the throttle body at the same time.
Test tool will reset the TP learning value.
Need to clean the throttle body at the same time if reset the TP learning value.
Do you wish to reset the TP learning value?

Communicating...
4.9 Screenshot

Captures, saves and prints screenshots anytime and anywhere.

The screenshot files save at the path:
4.10 Print

Prints out recorded data with Wi-Fi printing capability.
Press “OK” to print the test report, as below:
4.11 Manual

In manual function, you can read the Vpecker quick guide and the vehicle code coverage.
4.12 Diagnose function list
Press "Detail" button

---

**TOYOTA PRO V12.2**

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3. Vehicle Utilities covered ....................................................................................................... 8
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1. Vehicle Models covered

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<td>Up to 2014</td>
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<tr>
<td>ALLION/ PREMIO</td>
<td>Up to 2014</td>
</tr>
<tr>
<td>ALFAIRD</td>
<td>Up to 2014</td>
</tr>
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</table>
4.13 Feedback

The information of diagnostic software problems can be uploaded to the manufacture by this function. It helps the engineers to fix the bugs quickly.

![Feedback form]

NOTE: With * information is required; the attachments size cannot exceed 8MB.

4.14 Data Management

4.14.1 Image management

Here you can browse or delete the pictures.
Click the image to browse the picture.

Click the “X” symbol to delete the image.
4.14.2 APP management

Users can delete the diagnostic software here, one by one or all-selected delete.
4.15 User Management

Input workshop information, and save the information.

Click the “Edit” button to change the information.
5. Products website

Please focus on our website www.tdintel.com for the updating information and other news.

6. Warranty

VPECKER software is free updating within 1 year from the date of product activation.