Guide of How to Print Data

This function allows user to print data through a computer when customer needed. It is a new function, data should be recorded in the device first, the recorded data can be outputted via computer installed the programs of Update Application.

a. Read and record data

1) Connect device to your vehicle with OBD cable. Select OBDII/EOBD and press ENTER.

CHECK OBDII/EOBD	IM Test	Code
Review	Print	DTC Lookup
Setup	Help	About

Diagnostic Menu	1/9
Read Codes	
Erase Codes	
I/M Readiness	
Live Data	
Freeze Frame	
Vehicle Information	

2) Record data.
   For Read Codes, I/M Readiness, Freeze Frame and Vehicle Information, select the option and press ENTER accordingly. Data will be recorded automatically.

I/M Readiness	1-4/10
Misfire monitor	N/A
Fuel system	OK
Component monitor	INC
Catalyst monitor	N/A

Done 1/1 ?	1/17
DTC that caused required freeze frame data storage	C2E3D
Fuel system 1 status	N/A
Fuel system 2 status	N/A
Calculated LOAD Value	31.5%

For Live Data, you need to select Record Data, and choose a file to save the data.

Live Data	2/3
View Data	
Record Data	
Review Data	

Under All Supported option, all live data will be recorded.

Record Data	1/3
All Supported	
Custom Selected	
Unit of Measure	

Select File	
File 1	
File 2	
File 3	
File 4	
File 5	
File 6	

Under Custom Selected option, you can choose the live data needed.

Record Data	2/3
All Supported	
Custom Selected	
Unit of Measure	

View Data	1/46
☐	Fuel system 1 status
☐	Fuel system 1 status
☐	Calculated LOAD Value
☐	Engine Coolant Temperature

Select needed data, press BACK button. Data will be recorded.

b. Print data

1) Connect the scan tool to your computer with DATA cable. *Notice: No need press any key before connect the DATA cable.*
2) Run the tool. Select the relevant model, click Print.
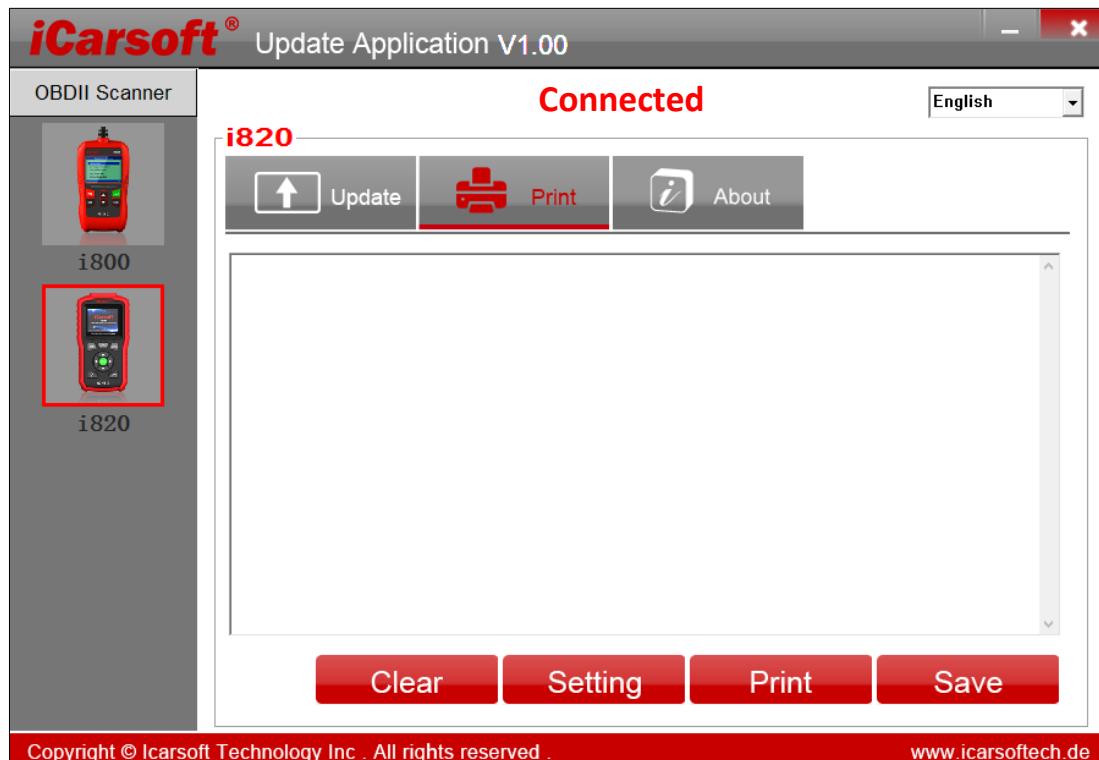
3) On the main screen of the device, select Print icon and press ENTER. With recorded data available, select the following option and press ENTER, related data will be shown on the print preview.

Print Data	1/5
Read Codes	
I/M Readiness	
Live Data	
Freeze Frame	
Vehicle Information	

4) Before outputting the data, you set parameters under setting option.
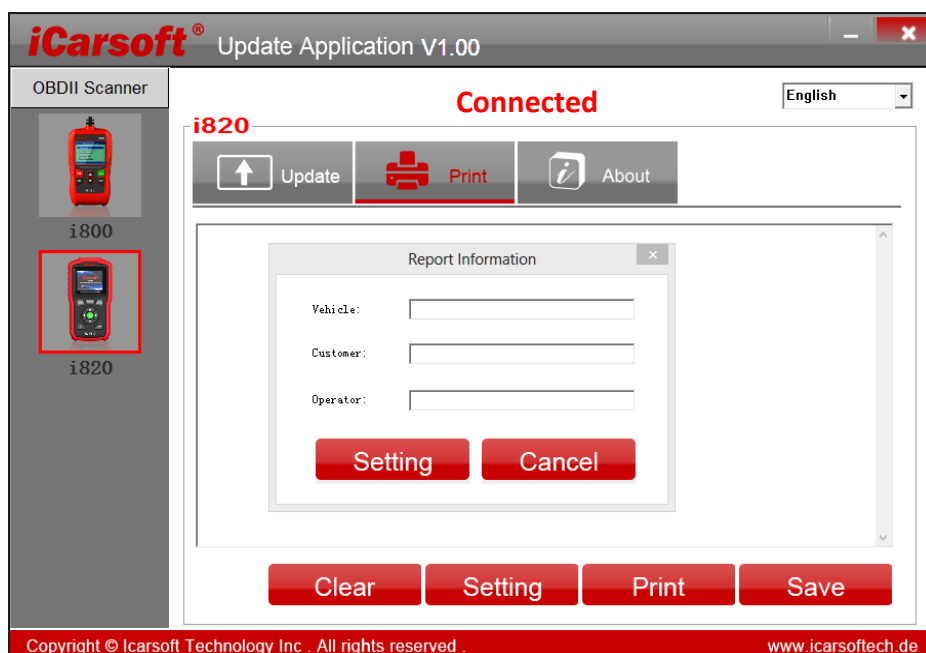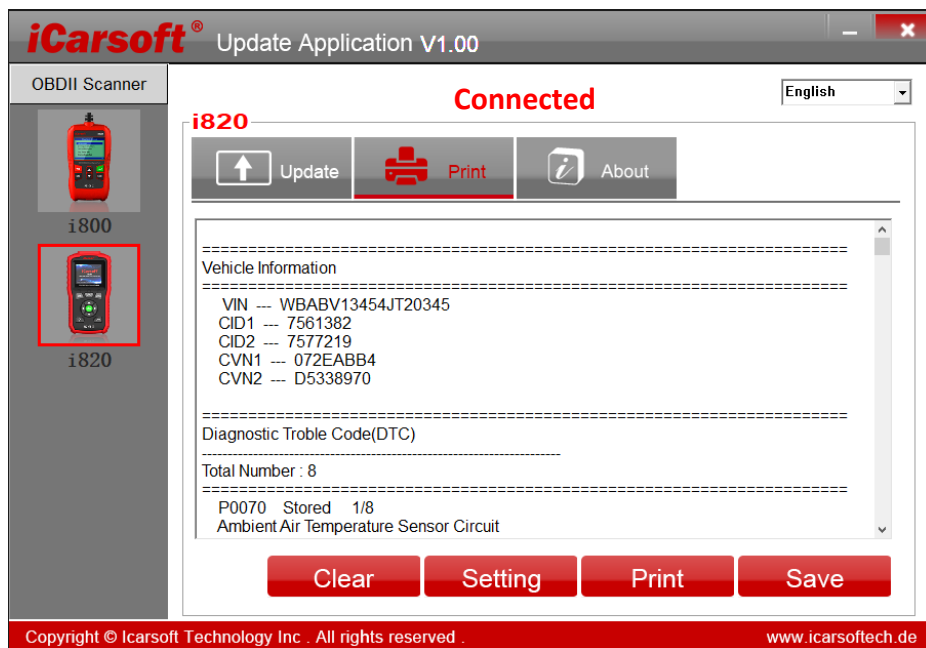
5) Data can be saved as ".TXT" files under the Save option, you can see the content as below:

Report Information
Vehicle: BMW-325i
Customer: Alex
Operator: Ben
Date (D/M/Y):07/06/2017

==
Vehicle Information
==

   VIN   ---   WBABV13454JT20345
CID1   ---   7561382
CID2   ---   7577219
CVN1   ---   072EABB4
CVN2   ---   D5338970

==
Diagnostic Trouble Code(DTC)

Total Number : 8
==

   P0070   Stored   1/8
Ambient Air Temperature Sensor Circuit

   P2185   Stored   2/8
Engine Coolant Temperature Sensor 2 Circuit High

   P0070   Pending   3/8
Ambient Air Temperature Sensor Circuit

   P2185   Pending   4/8
Engine Coolant Temperature Sensor 2 Circuit High

   P0123   Pending   5/8
Throttle/Pedal Position Sensor/Switch A Circuit High

   P0222   Pending   6/8
Throttle/Pedal Position Sensor/Switch B Circuit Low

   P2120   Pending   7/8
Throttle/Pedal Position Sensor/Switch D Circuit

P1625   Pending   8/8

The fault code is not found in the database, please refer to the vehicle's user manual.

==

Inspection/Maintenance(I/M) readiness

==

Since Codes Cleared

Misfire monitor   ---   OK
Fuel system   ---   OK
Component monitor   ---   OK
Catalyst monitor   ---   OK
Heated catalyst   ---   N/A
Evap. system   ---   OK
Secondary air   ---   OK
Oxygen sensor   ---   OK
O2 sensor heater   ---   OK
EGR and/or VVT   ---   N/A

==

Freeze Frame

Total Number: 16

==

DTC that caused required freeze frame data storage   ---   P0070
Fuel system 1 status   ---   CL
Fuel system 2 status   ---   CL
Calculated LOAD Value   ---   5.1%
Engine Coolant Temperature   ---   42℃
Short Term Fuel Trim - Bank 1   ---   0.0%
Long Term Fuel Trim - Bank 1   ---   3.9%
Short Term Fuel Trim - Bank 2   ---   2.3%
Long Term Fuel Trim - Bank 2   ---   3.9%
Engine RPM   ---   753 rpm
Vehicle Speed   ---   0 km/h
Ignition Timing Advance for #1 Cylinder   ---   4.5°
Intake Air Temperature   ---   30℃
Air Flow Rate from Mass Air Flow Sensor   ---   30.12 g/s
Absolute Throttle Position   ---   10.2%
Commanded Secondary Air Status   ---   OFF

==

Live Data

File 1   ---   Support Live Data: 24   ---   Total Frames: 51

==

Frame 1/51 :
        Fuel system 1 status   ---   OL
        Fuel system 2 status   ---   OL
        Calculated LOAD Value   ---   0.0%
        Engine Coolant Temperature   ---   -40℃
        Short Term Fuel Trim - Bank 1   ---   0.0%
        Long Term Fuel Trim - Bank 1   ---   3.1%
        Short Term Fuel Trim - Bank 2   ---   0.0%
        Long Term Fuel Trim - Bank 2   ---   3.9%
        Engine RPM   ---   0 rpm
        Vehicle Speed   ---   0 km/h
        Ignition Timing Advance for #1 Cylinder   ---   6.0°
        Intake Air Temperature   ---   -40℃
        Air Flow Rate from Mass Air Flow Sensor   ---   0.00 g/s
        Absolute Throttle Position   ---   100.0%
        Commanded Secondary Air Status   ---   OFF
        Oxygen Sensor Output Voltage (B1-S2)   ---   0.420V
        Short Term Fuel Trim (B1-S2)   ---   99.2%
        Oxygen Sensor Output Voltage (B2-S2)   ---   0.420V
        Short Term Fuel Trim (B2-S2)   ---   99.2%
        OBD requirements   ---   OBD2
        Equivalence Ratio (lambda)(B1-S1)   ---   1.003
        Oxygen Sensor Current (B1-S1)   ---   0.00 mA
        Equivalence Ratio (lambda)(B2-S1)   ---   0.999
        Oxygen Sensor Current (B2-S1)   ---   -0.01 mA
        ----

6) Select Print option, data will be printed directly with printer or saved as "PDF" files accordingly.
   *Notice: you can review the template PDF file in **About** option.*