**USB WIFI ADAPTER**

**User Manual**

**(For MediaTek MT7603U chipset)**

**Model: WSNWM300BK**

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*\*\* Installation steps and use of adapter driver is same when it is installed in different operation system, here takes the steps under Windows7 64bit for example to explain the installation process \*\**

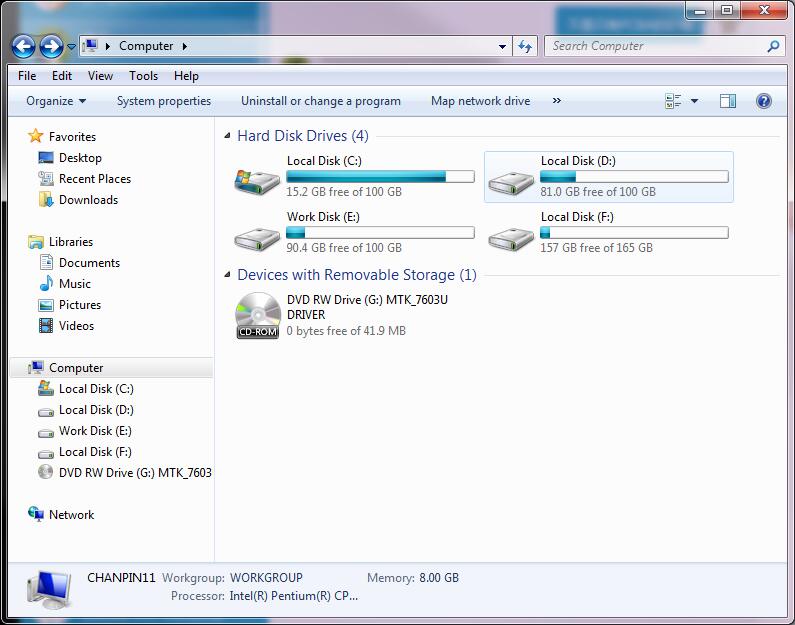
## **1. Driver installation with UI**

### **1.1 Installation Steps**

*Remark: If users need AP function and they want set network more convenient, they need to install MTK UI first, plug adapter and then process installation.*

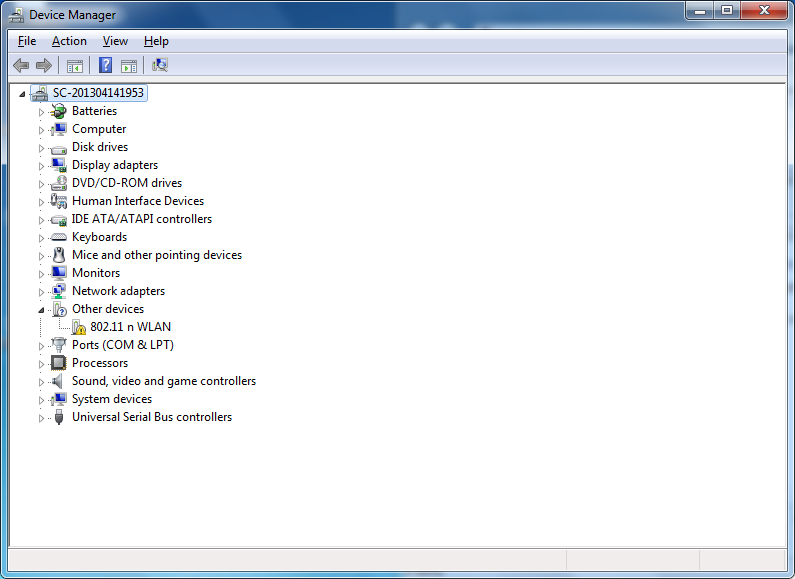
#### **1.1.1 Driver installation**

1. Please insert installation CD to your CD-ROM driver.

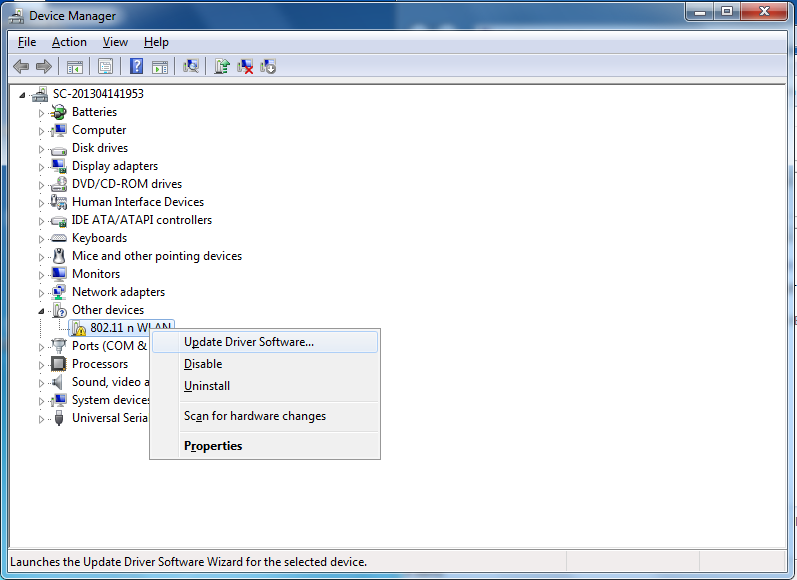
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2. Plug WiFi USB adapter to computer, open “Control Panel”, select

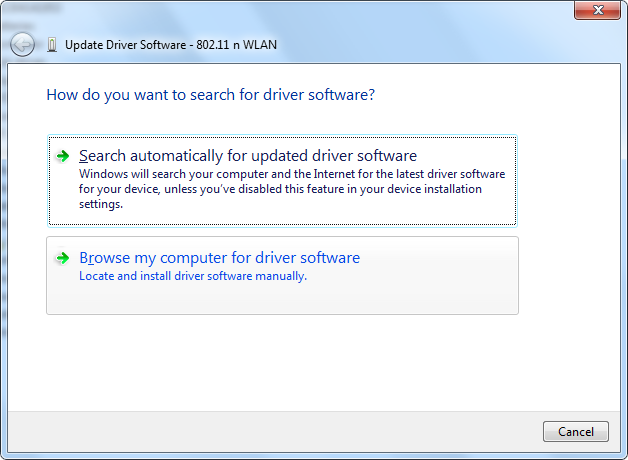
”Device Manager”.



3. Select “802.11n WLAN” and right click and click “Update driver Software”.

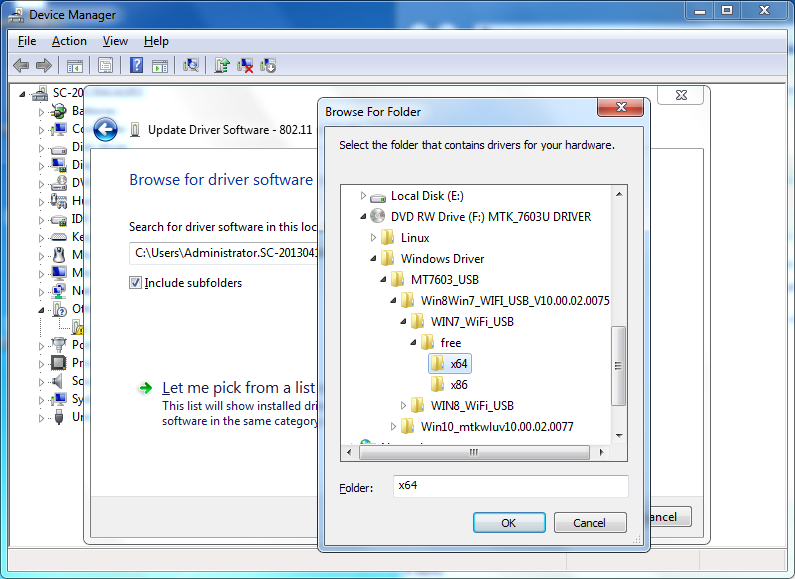


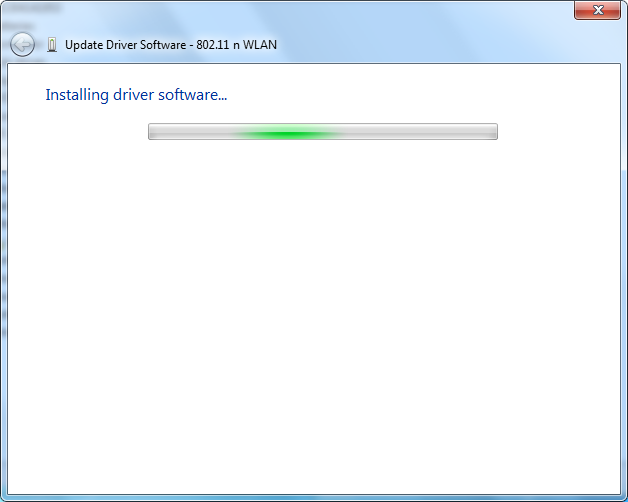
4. Select “Browse my computer for driver software”



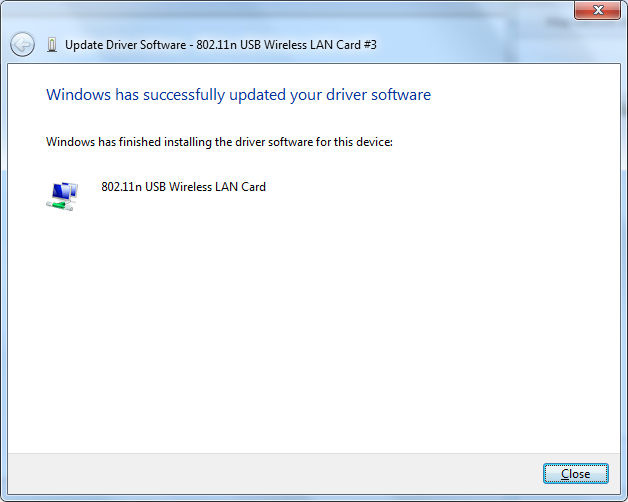
5. Click “Browser” button and select “Browser For Folder” and choose the corresponding system version folder in CD-ROM driver, click “OK” to install driver.

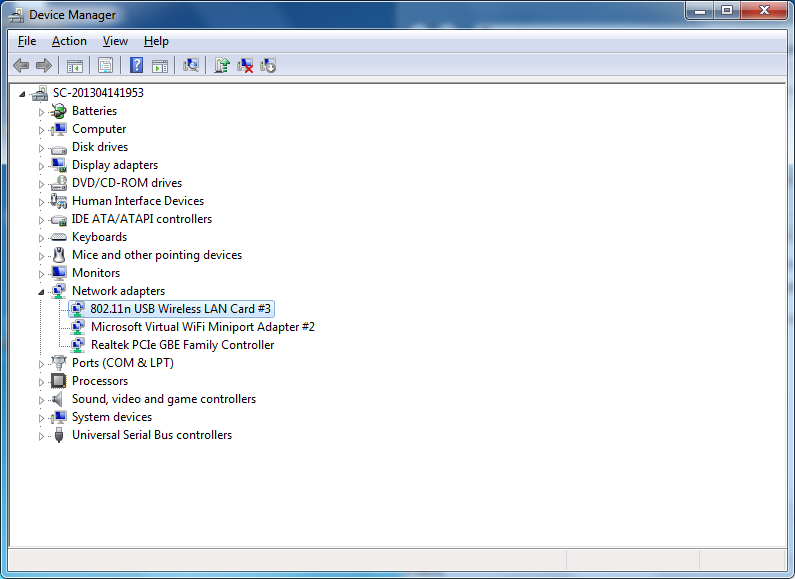
As diagram below, we choose “*WIN7\_WiFi\_USB/free/x64*” folder in CD ROM.





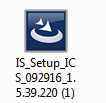
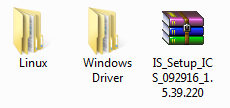
6. WiFi adapter driver is installed successfully.

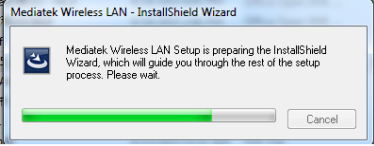


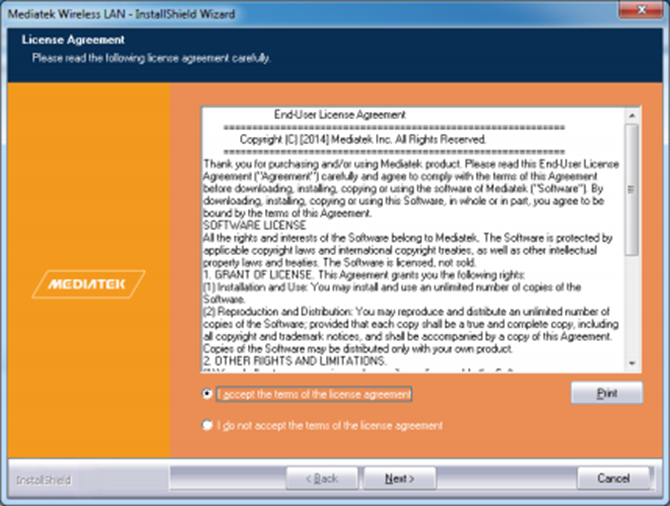


#### **1.1.2 UI installation**

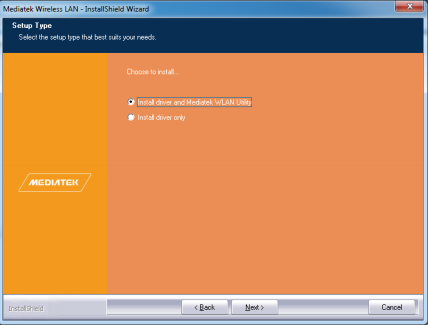
1. Unpack the UI installation package, double click the icon of installation package  to start UI installation.



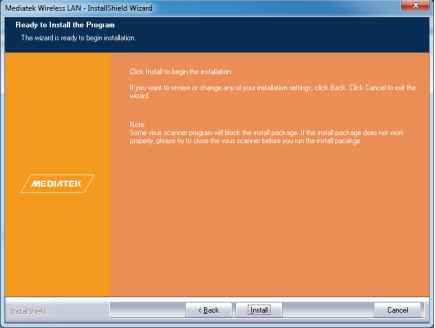


2. Choose "I accept the terms of the license agreement " and click "Next".

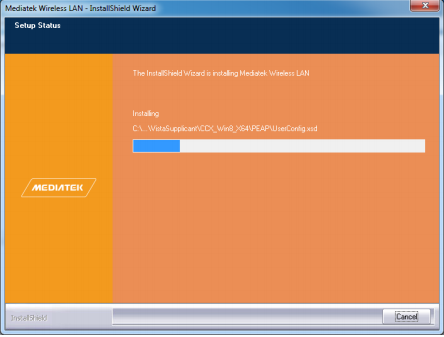
3. Users can choose the installation type for the actual needs. "Install driver and Mediatek WLAN Utility" is our recommended choice.



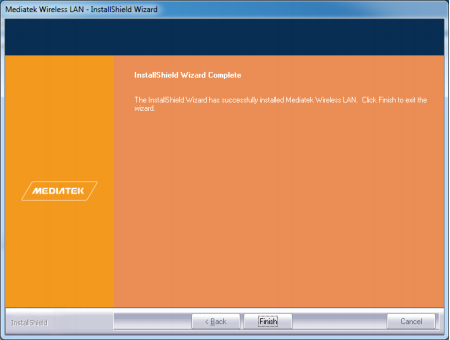
4. An UI will pop up to prompt that the system is ready for the installation, then click "Install".



5. The system will show the installation processing bar. After the installation, another interface will show up.



6. When installation process is done, system will remind this information. Click "Finish" will accomplish the installation and log out from installation wizard automatically.



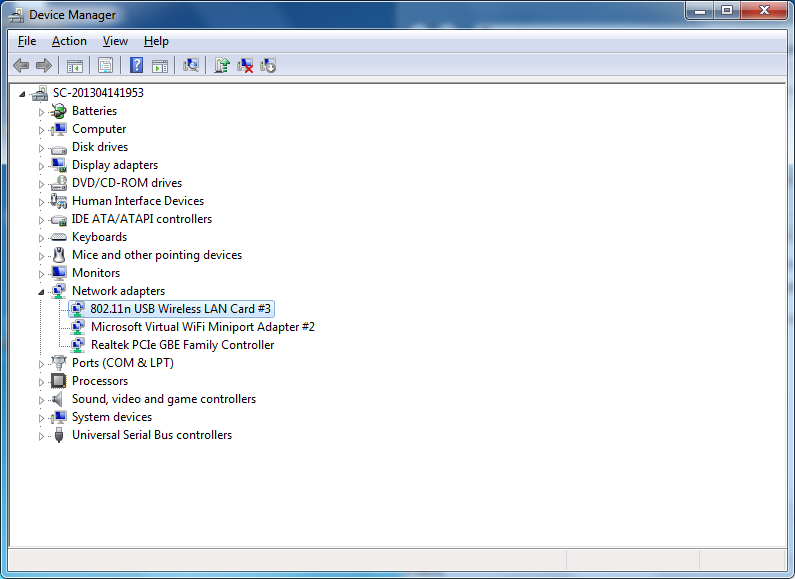
Notice: If you want to change the installation setup, please click "Back" to return to previous page to set it up again. If you want to quit the installation, please click "Cancel".

### **1.2 System Connection**

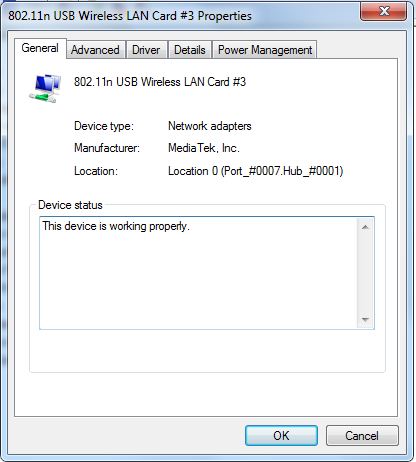
After finishing the installation, users can find an icon  on the task bar, this icon has the information that our product is not existed. Therefore, users need to plug our adapter into the target USB port.

After plugging in, blue LED indicator on adapter will turn on. At the same time, icon will turn to  to inform users that device is available but waiting for connecting.

Users can check its condition in Device Manager.



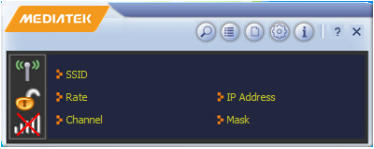
Double click device name "802.11n USB Wireless LAN Card#3” " can check its condition, and the condition will be shown like the below.



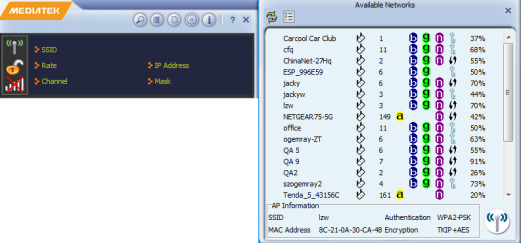
Click "OK" can finish this step.

### **1.3 Device Connection**

1. When device is working properly, please double click , or right click it and choose "Lauch Config Utility", users will find an UI like the following picture shows:

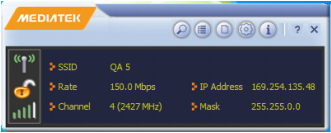


2. Click , users can check all available wireless networks:

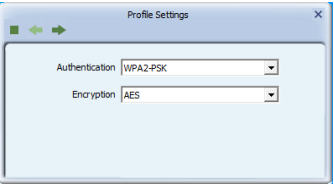


3. Choose the desired wireless netowrk name, the AP information of that network will be shown at the bottom for reference. Click  will start the connection.

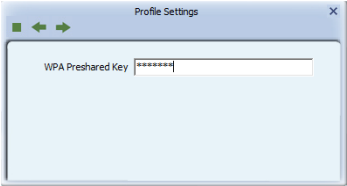
1. If the encryption pattern is NONE, system will start auto-connection, and the basic information of that network will be seen on home page.



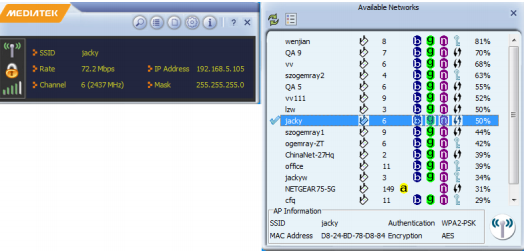
1. If the encryption pattern is not NONE, users will enter "Profile Settings" page when click  to connect this wireless network. Authentication pattern and encryption pattern can be revealed in this page.



1. Click  to go to next step to input WPA preshared key.



1. Click  to go to next step.If users input the correct key number, the connection will be done successfully.



Left part is the basic information of the connected network. On the right part, is used to remark the connected one.

4. When the connection is established, LED indicator on device will keep blinking, and users can enjoy the connected network environment.  on task bar is for knowing the connection situation.

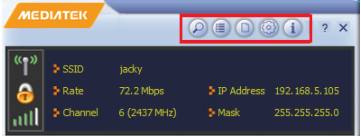
**Notice:**

**1. Among the available network selections, 1-14 means the network of 2.4G band, 36.**

**2. Click**  **on home page, or right click the related icon on task bar to choose"Exit", network conncetion will be disconnected.**

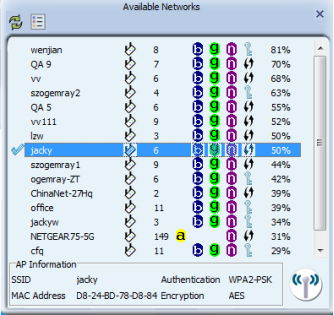
**1.4 Home Page Introduction**

Home page will display some basic information of the connected network, such as SSID, IP address, communication rate, channel, and subnet mask.

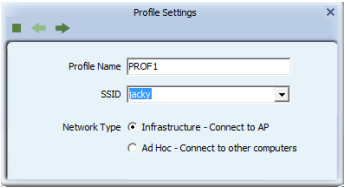


We will explain the usage of those functional buttons in the red square frol left to right.

1. button: This button is for searching all usable wireless networks. By clicking it, a page will show all networks that users can use for check.

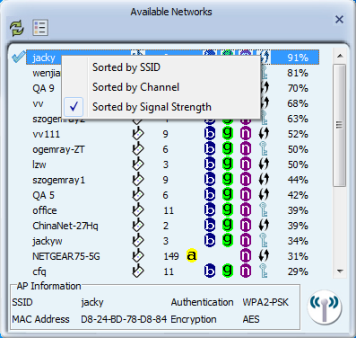


Click  can refresh the list information, click  will guide users to "Profile Settings" page for the connection setup of desired network.



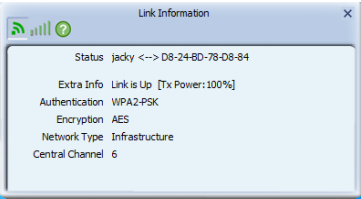
Follow and guide and click  to finish the connection setup.

Right click the selected network, users can get the 3 ways of network sequencing. Users can choose the preferred one to sequece the list for convenient check.

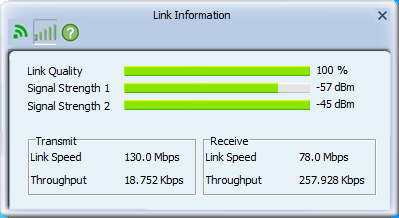


Click  can connect to network and enter the page of "Profile Settings" directly.

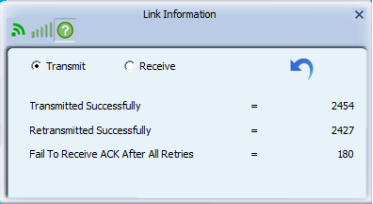
2. button: Click this button can gain network link information.



* button: Showing the link information just like the page above shows.
* button: giving some link data information, such like link quality, signal strength, transmit rate and receive rate.



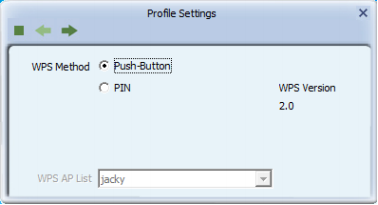
*  button: Providing some data information about some statistic information about transmitting and receiving.



3. button: Users can enter "Profile List" page by clicking it.

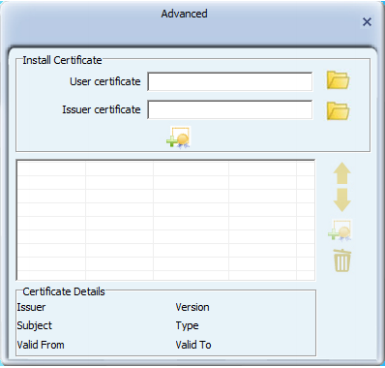


* Click  button, can add a network connection into system, users can refer to chapter 3.2 for detailed information.
* Click  button, can delete the chosen network connection.
* Click  button can do edit operation.
* Click  button, can import some files into system.
* Click  button, can export some files out from system.
* Click  button can add a WPS profile. When finish the related setup, please click  to follow the adding guide and finish it.

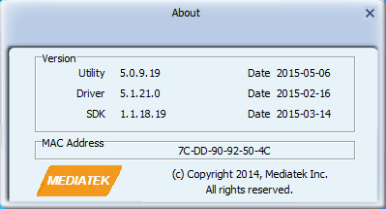


*Remark: WPS function needs device (WiFi adapter) support for WPS button.*

4.  button: This button is for advanced setup.



5.  button: This button is for checking product version, MAC address information.



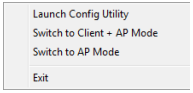
**1.5 Device Mode Switch**

Here are 2 extra work modes for users to choose according to their actual needs and real situation: Client+ AP mode and AP mode.

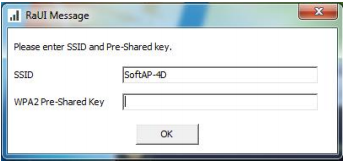
Client+ AP mode can make device connect WLAN and use itself as a WiFi hotspot simultaneously; AP mode is for access point mode.

**1.5.1 Client+ AP Mode**

Right click the device icon on task bar, users can see a pop-up list:



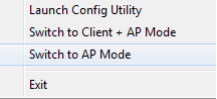
Click "Switch to Client+ AP Mode", users can see the following page:



Input SSID and Pre-shared key and click "OK", then follow the guide to switch the work mode successfully.

**1.5.2 AP Mode**

Right click the device icon on task bar, users can see a pop-up list:



Click "Switch to AP Mode", the configuration utility will be activated and the home operation page will pop up.

The device icon will turn to , and the operation method is described in chapter 4.

**Notice: If users want to turn back to client mode, just right click device icon and choose "Switch to Client Mode".**

## **2. Driver installation without UI**

*Remark: If users don’t need soft AP function, they just install driver in the CD ROM to get the basic WiFi receive function, WiFi adapter can’t work in AP mode.*

### **2.1 Installation Steps**

Please refer to Chapter 1.1.1-”Driver installation” in this USER MANUAL document, the installation steps are the same

### **2.2 System Connection**

Please refer to Chapter1.2-”System Connection” in this USER MANUAL document, the description are the same.

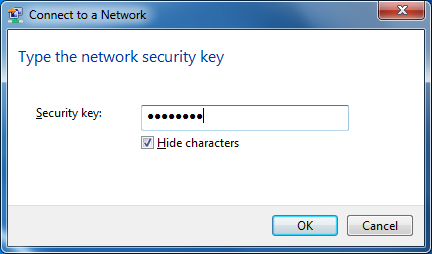
### **2.3 Device Connection**

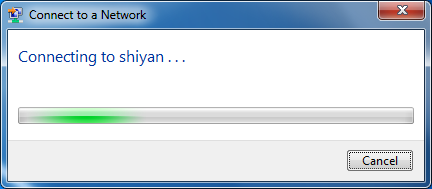
1. Click  icon at the bottom right corner of computer screen



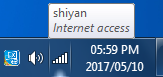


2. Select the WiFi you want to connect and Click “Connect” and enter the password, then click “OK”





3. If WiFi is connected successfully, you can find  at the bottom right corner of computer screen and show “internet connected”.



Click  icon, you can see the WiFi list.



## **3. Disclaimer**

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