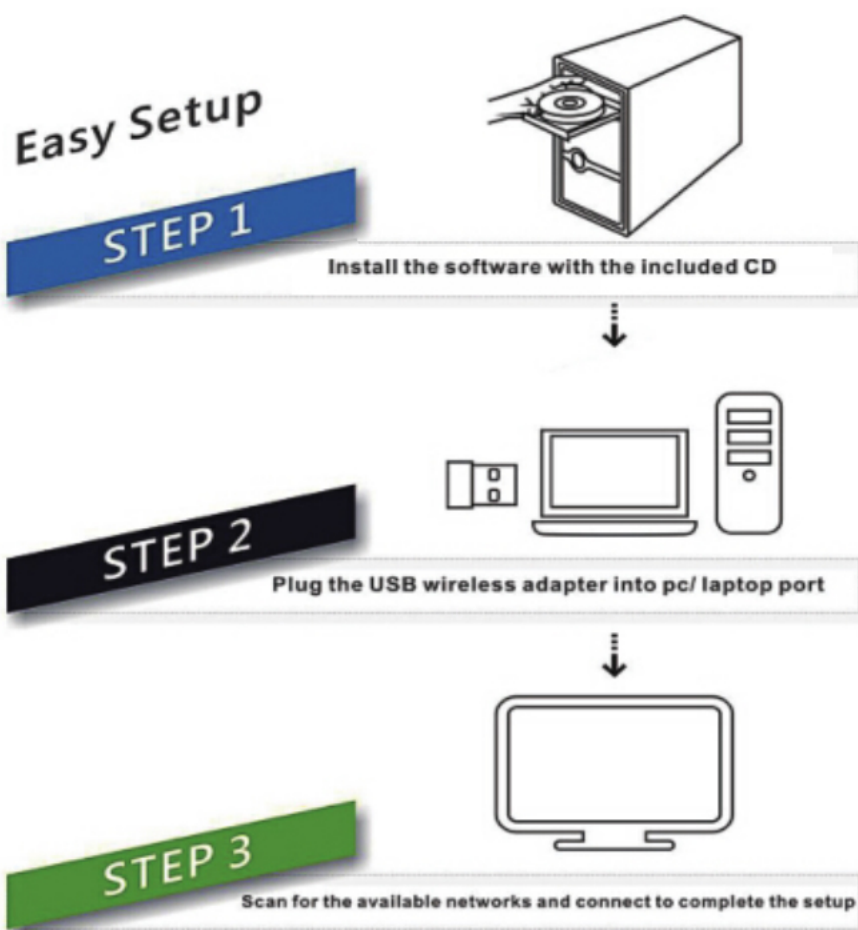# Quick Installation
Wireless USB Adapter

The following contents should be found in your box:
- ◆ One Wireless USB adapter
- ◆ One CD driver
- ◆ One User manual

Easy Setup

STEP 1
Install the software with the included CD

↓

STEP 2
Plug the USB wireless adapter into pc/ laptop port

↓

STEP 3
Scan for the available networks and connect to complete the setup

Download link for CD driver Installation Package:
https://bit.ly/2tsbuS7

Chater1: Driver Installation

Note:

1. A dual band wireless ac router is required if you want to establish high speed 5G connection.

2. While the range of 5GHz is typically less than 2.4GHz, but the 5GHz band is significantly less congested and faster. So if your dongle is near with your router, you will get stronger signal with lighting speed on 5GHz band. But if the distance between the dongle and router is too long, you may have better signal on 2.4GHz band.

Software installation is basically same for Windows/Linux/Mac OS. In the following we will take installation in Windows XP as an example.Please install the driver first before plugging the adapter into your PC.

Precautions!!!
Before using the adapter, please note that please read the following in detail：

① If you are using this adapter with a desktop computer, plug the adapter into the USB port on the back of the computer chassis.(Computer USB interface must be connected to the computer's motherboard)

②In case your PC has integrated WiFi adapter, please turn it off before installing driver for the USB WiFi adapter. Otherwise, you will not know which WiFi adapter is working for you and these WiFi adapters may cause conflict with each other.

③The linux driver on the CD is applicable to Linux 2.6.24~4.7. Installation instruction (Named document) is included.
If you want to use the adapter on the latest version or development version of the linux system, please contact with customer support to double check before purchase.

④ If you want to set up SoftAP function on Win10 system, please configure

it via the "mobile hotspot" function in network settings center.

⑤If your computer doesn't have CD-ROM or you are not clear how to install the driver, please download the latest driver file, which includes specific user manual and installation video.
Download link for CD driver Installation Package:
https://bit.ly/2tsbuS7

⑥ If the wifi adapter is not recognized by the computer after using for a period of time, please uninstall the driver and restart the computer. Again plug in the adapter and reinstall the driver.
Please follow the steps below to uninstall(win7):
My computer---> Open the Control Panel--->Install and Un-Install Software--->Realtek USB Wireless LAN Utility--->Uninstall

Please follow the steps below to uninstall(win10):
Settings---System(Display notihcations,apps,power)---Apps&Features---> Realtek USB Wireless LAN Utility--->Uninstall

1.Quick Installation Guide for Windows
2.1 Please insert the driver CD into the CD-ROM of your PC, the auto installation window will pop up. Click "Windows" to proceed the installation. If the auto installation window doesn't show up, please find the corresponding driver for the operating system of your PC manually. Double click "Setup.exe" to start the installation.

Driver

Windows   Bluetooth

Linux   User Manual

MAC OSX   Browse CD

Exit

1.2 Click "Next" to process the installation.

REALTEK USB Wireless LAN Driver and Utility

REALTEK USB Wireless LAN Driver and Utility

The InstallShield Wizard will install REALTEK USB Wireless LAN Driver and Utility on your computer. To continue, click Next.

< Back   Next >   Cancel
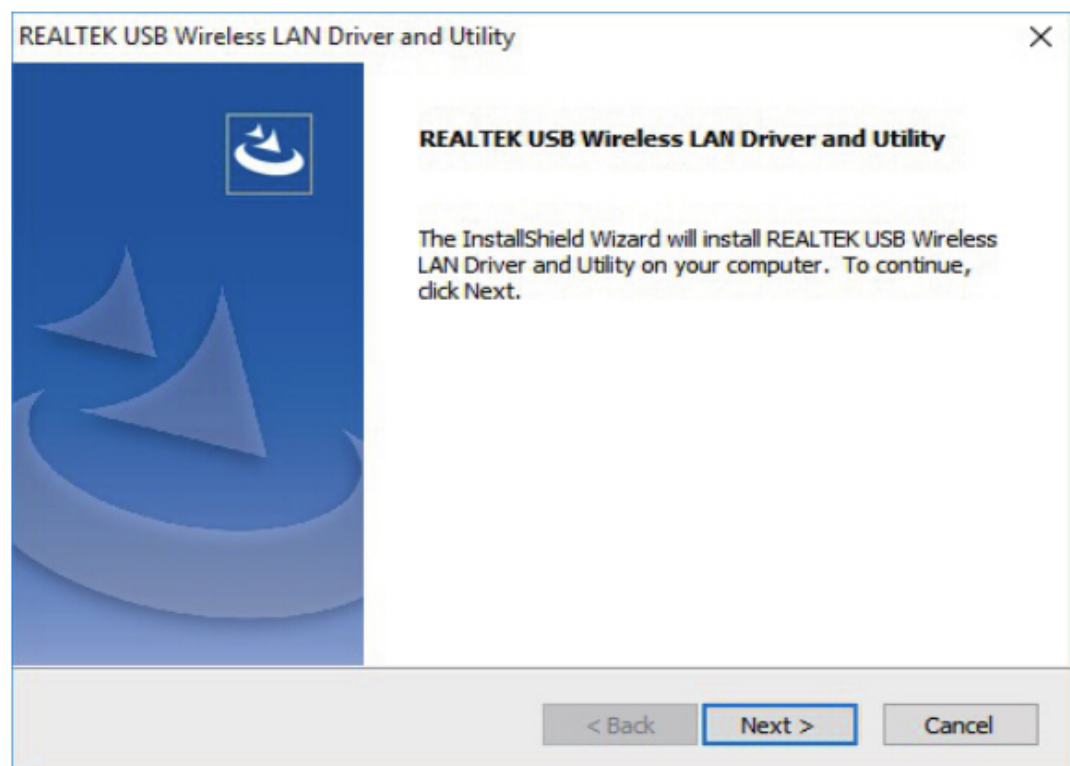
1.3 Installing the driver.

Installing REALTEK USB Wireless LAN Utility
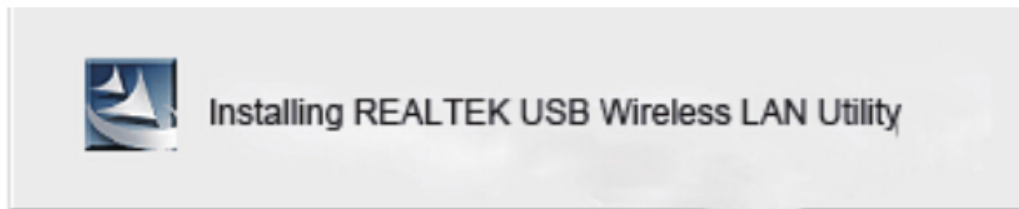
1.4 Click "Finish" to complete the installation.

REALTEK USB Wireless LAN Driver and Utility

InstallShield Wizard Complete

The InstallShield Wizard has successfully installed REALTEK USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer.

⦿ Yes, I want to restart my computer now.

◯ No, I will restart my computer later.

Remove any disks from their drives, and then click Finish to complete setup.

< Back   Finish   Cancel

1.5 Click the Network icon on your computer and select "Connect to a network"
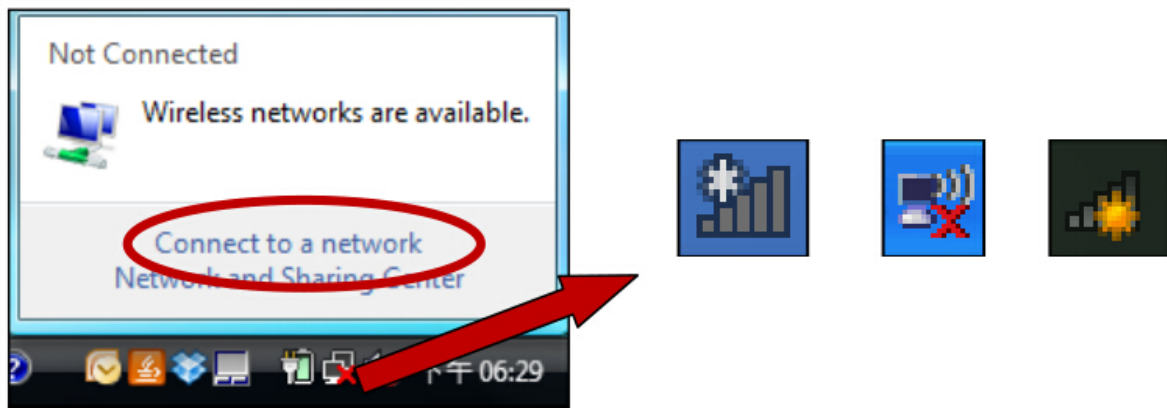
1.6 Select your wireless network and input WiFi Key to connect to your WiFi network.
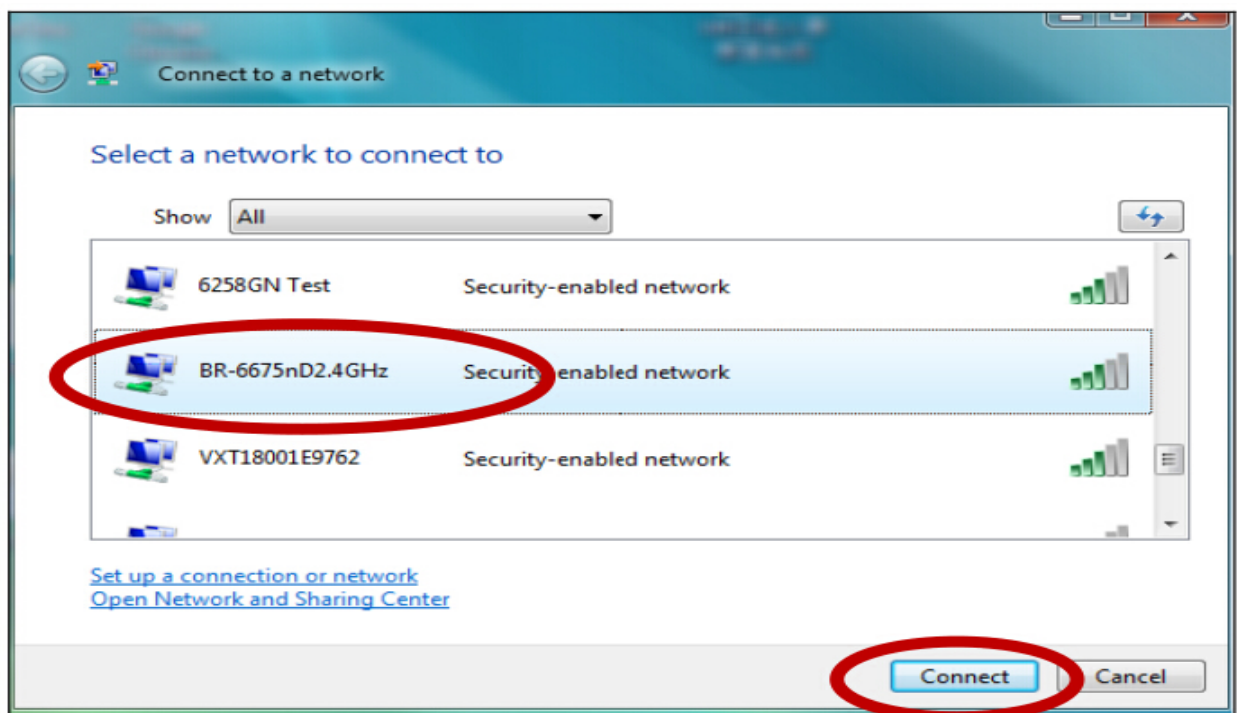
1.7 Network is successfully connected.
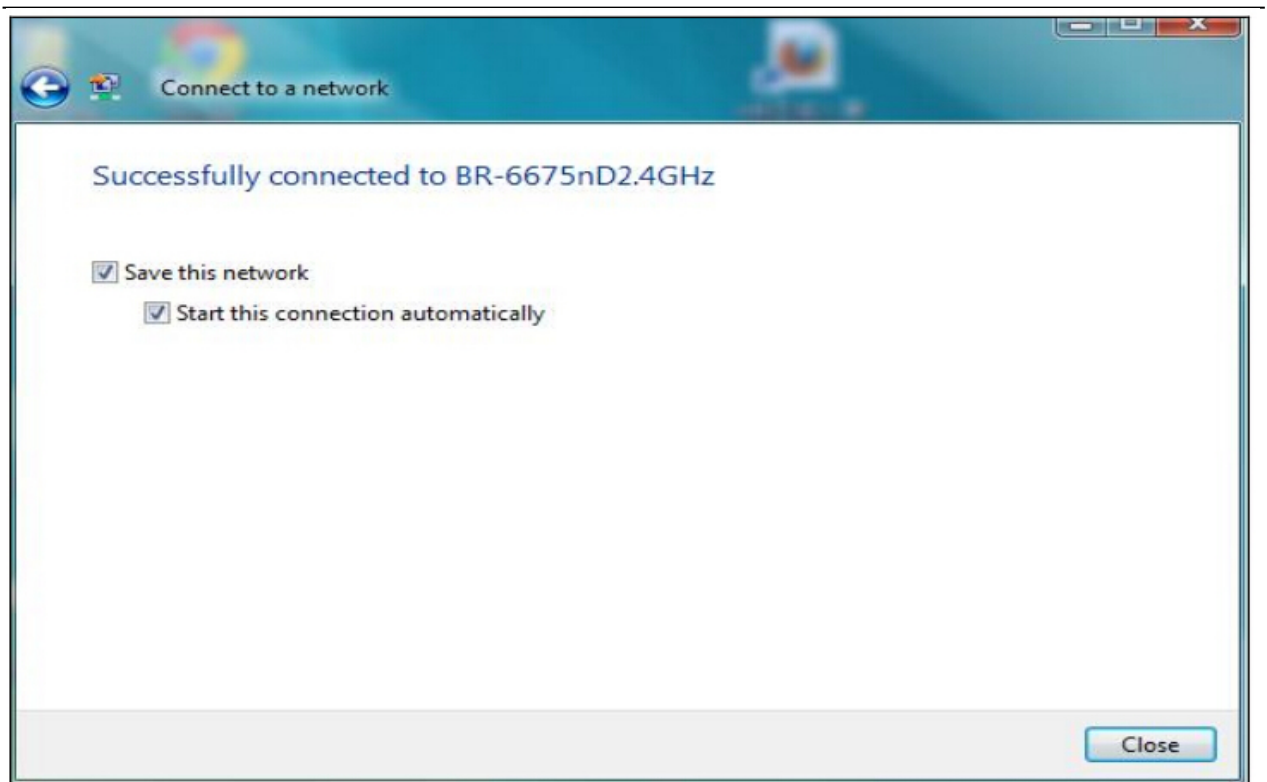
2.AP mode for win8.1/8/7/vista/XP/2000

2.1 Open and run the desktop program:
REALTEK USB Wireless LAN Utility

2.2 Select **Mode** and then select **Access Point**
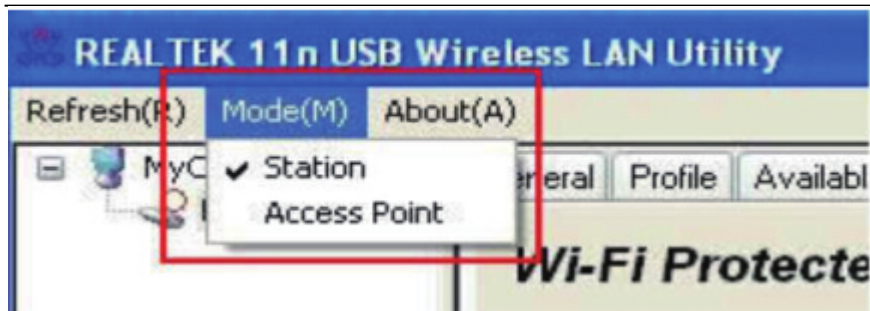
2.3 It requires few seconds to switch to AP mode ,please be patient
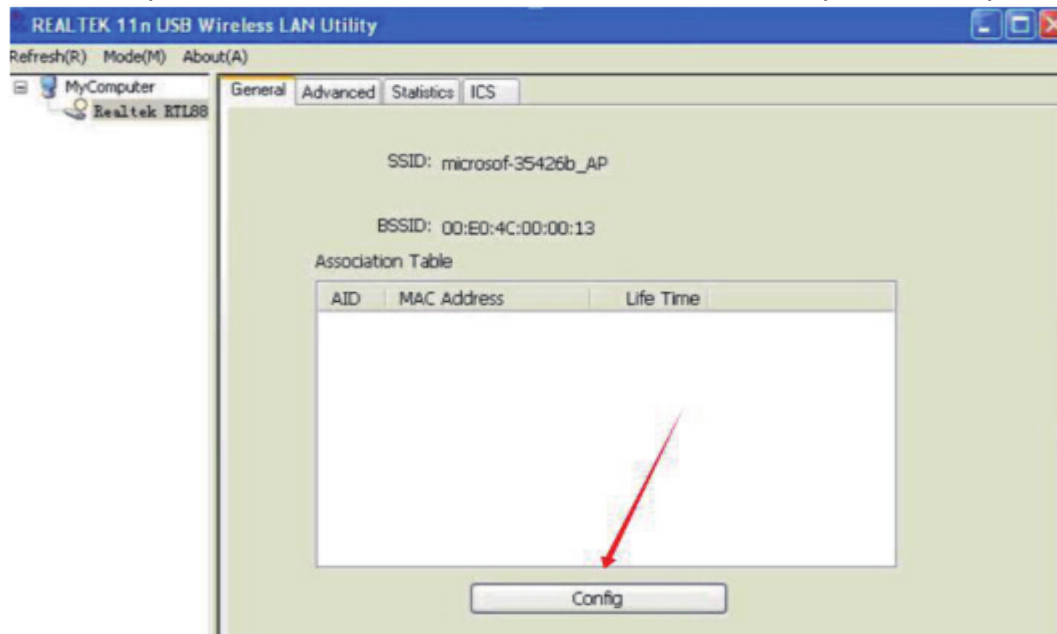
2.4 AP mode icon

AP mode icon

2.4 Configure SSID and Channel
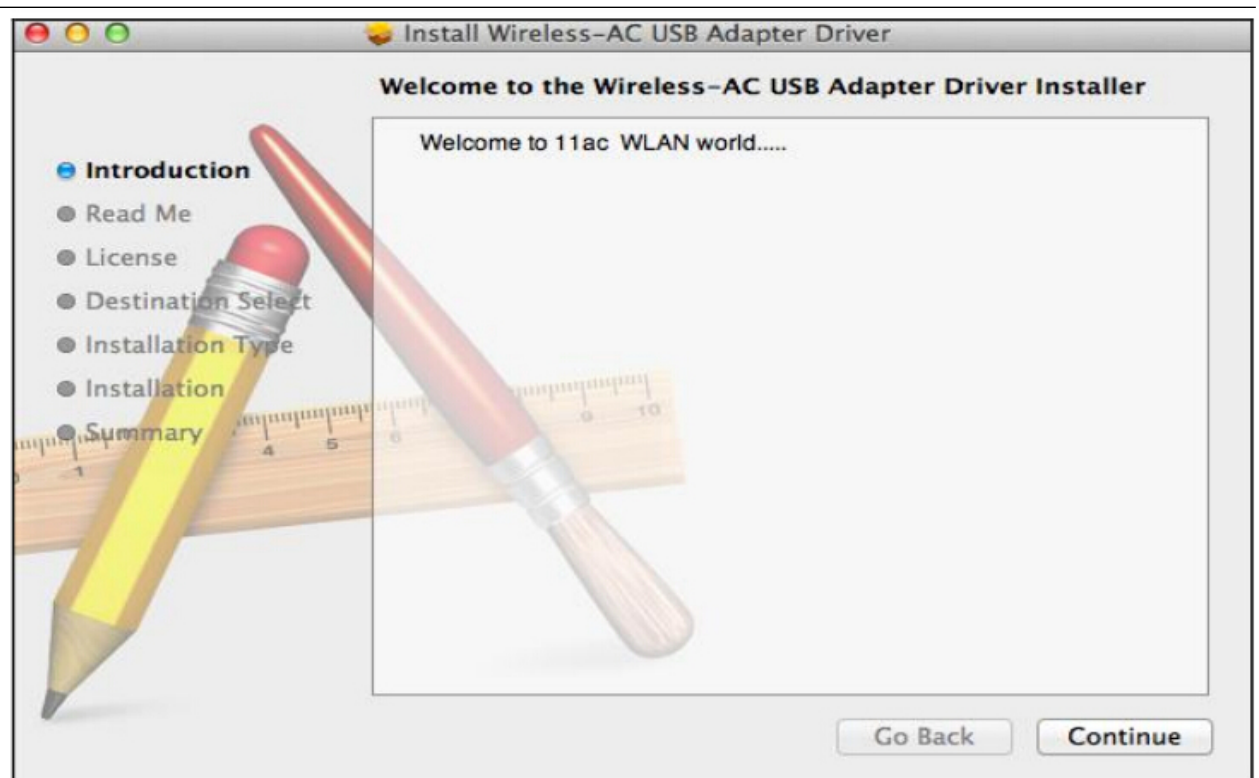Please note that Ad-Hoc mode is not available when network card is in AP mode
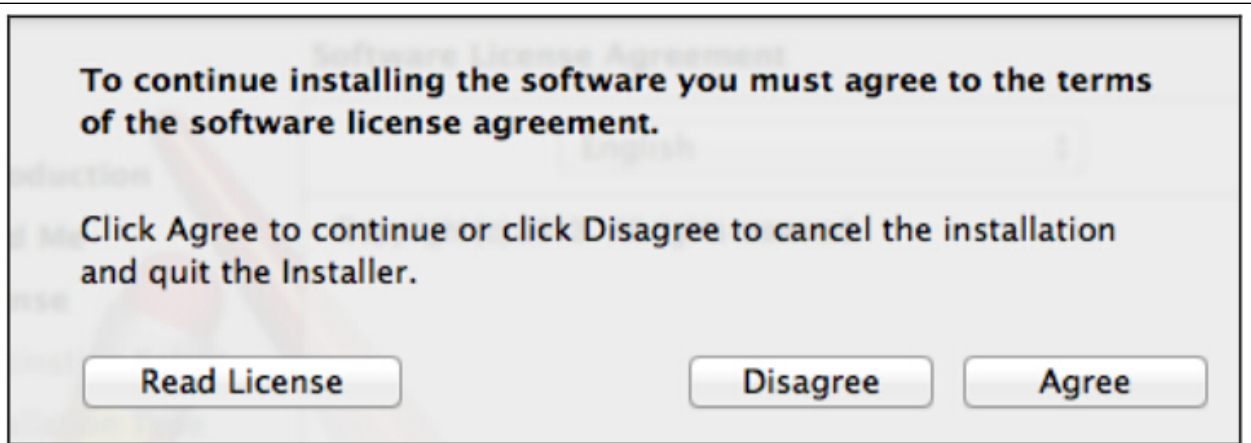
3.Quick Installation Guide for MAC

3.1 Please unzip the driver, find the corresponding version of your driver for your MAC OS X and click "installer.pkg" to start the installation.
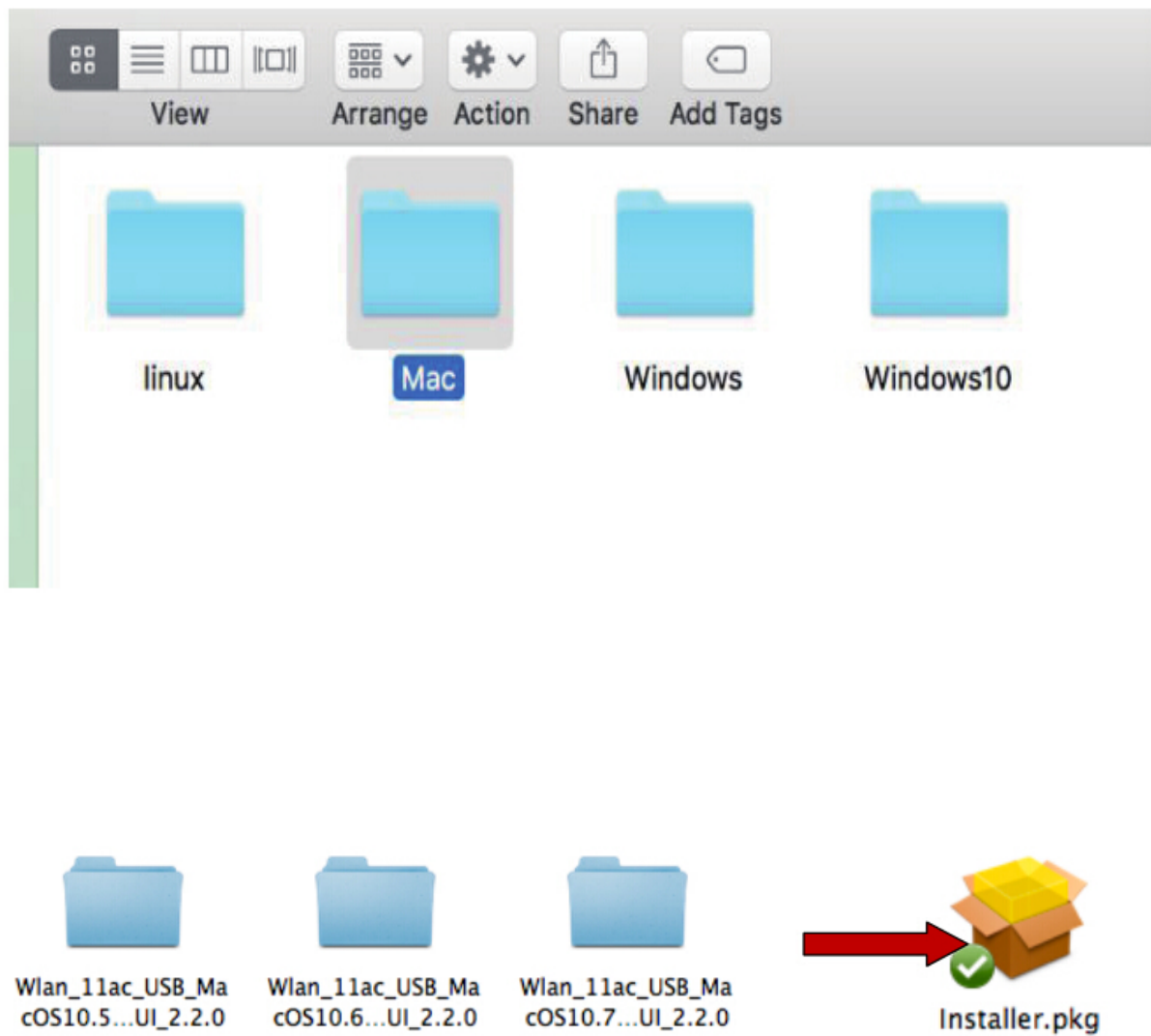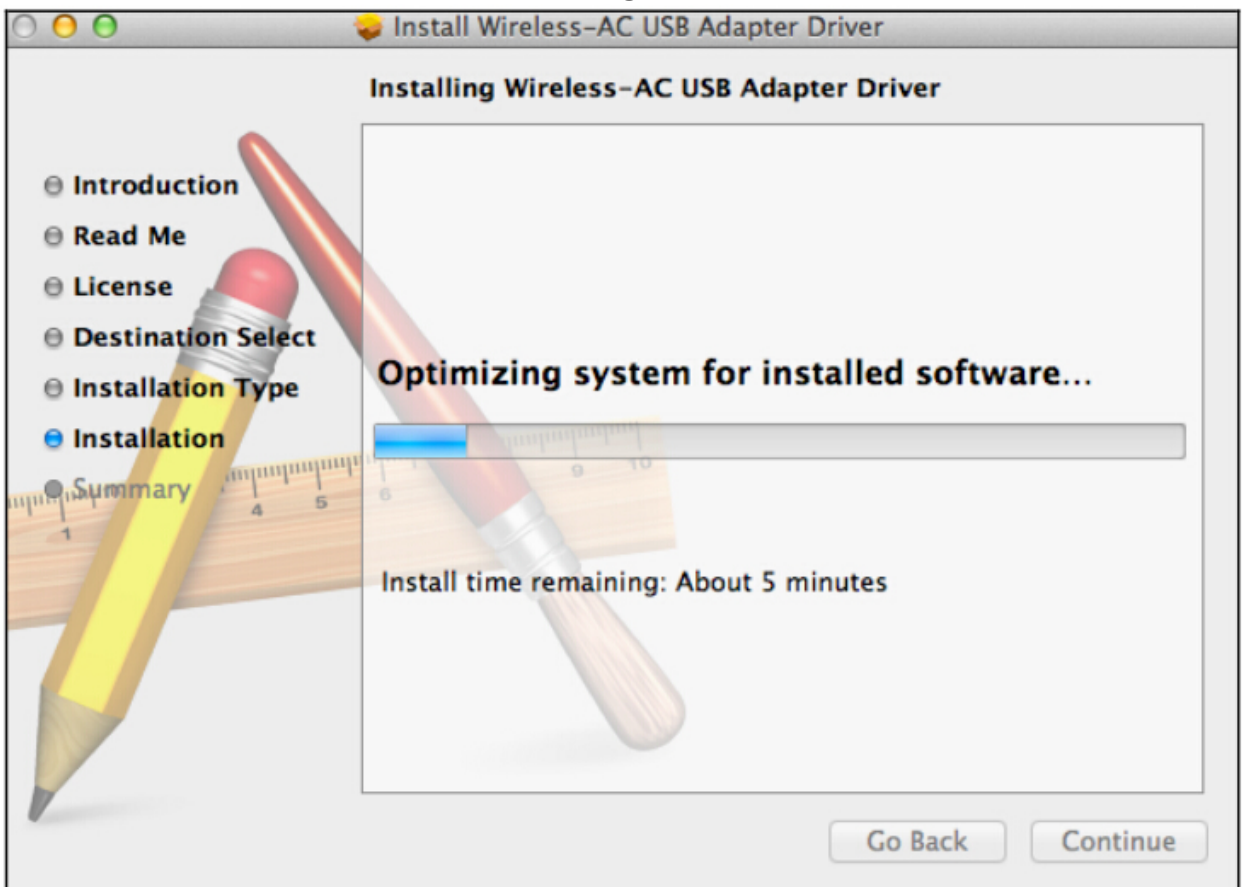
3.2   Click "Continue" to process the installation.
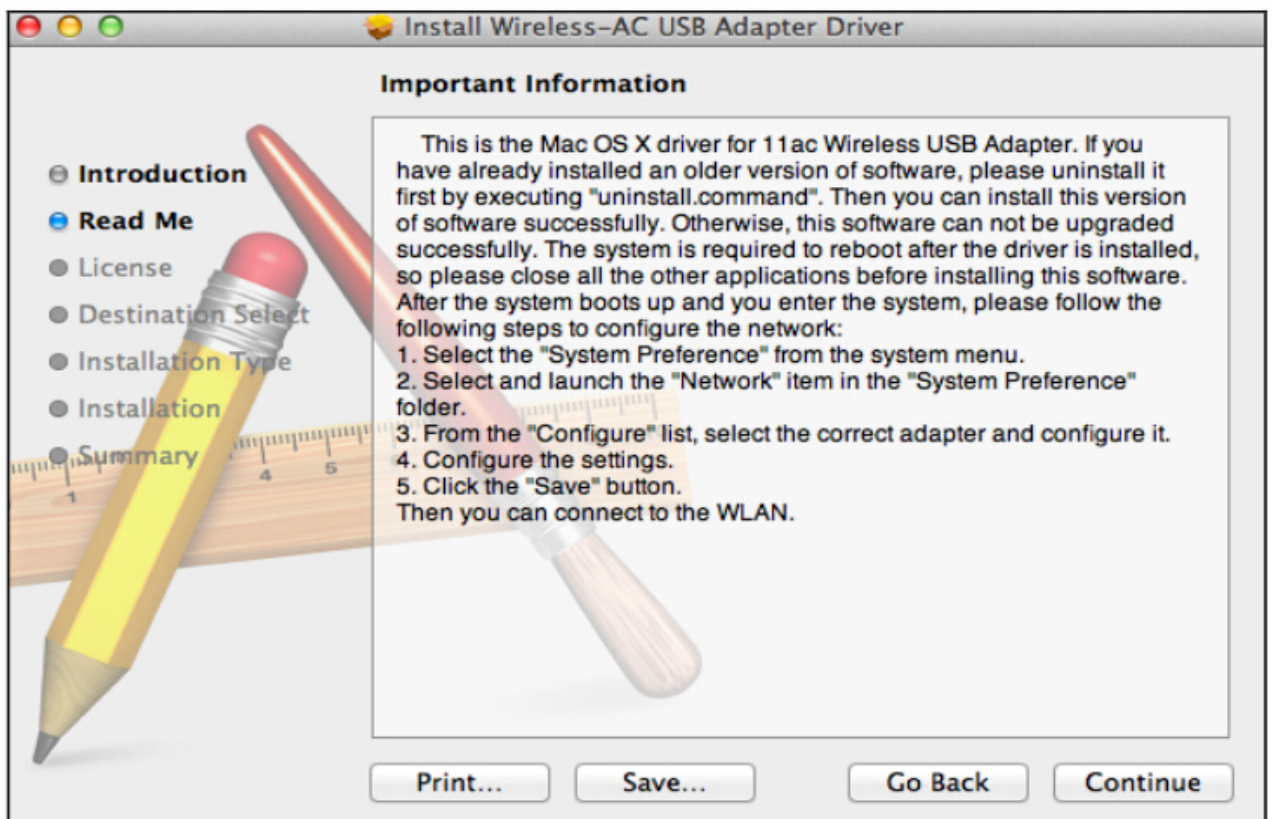
3.3   In the screen below, please select "Agree".

To continue installing the software you must agree to the terms of the software license agreement.

Click Agree to continue or click Disagree to cancel the installation and quit the Installer.

Read License   Disagree   Agree

3.4 Please wait while the driver is being installed.

Install Wireless-AC USB Adapter Driver

Installing Wireless-AC USB Adapter Driver

- Introduction
- Read Me
- License
- Destination Select
- Installation Type
- Installation
- Summary

Optimizing system for installed software...

Install time remaining: About 5 minutes
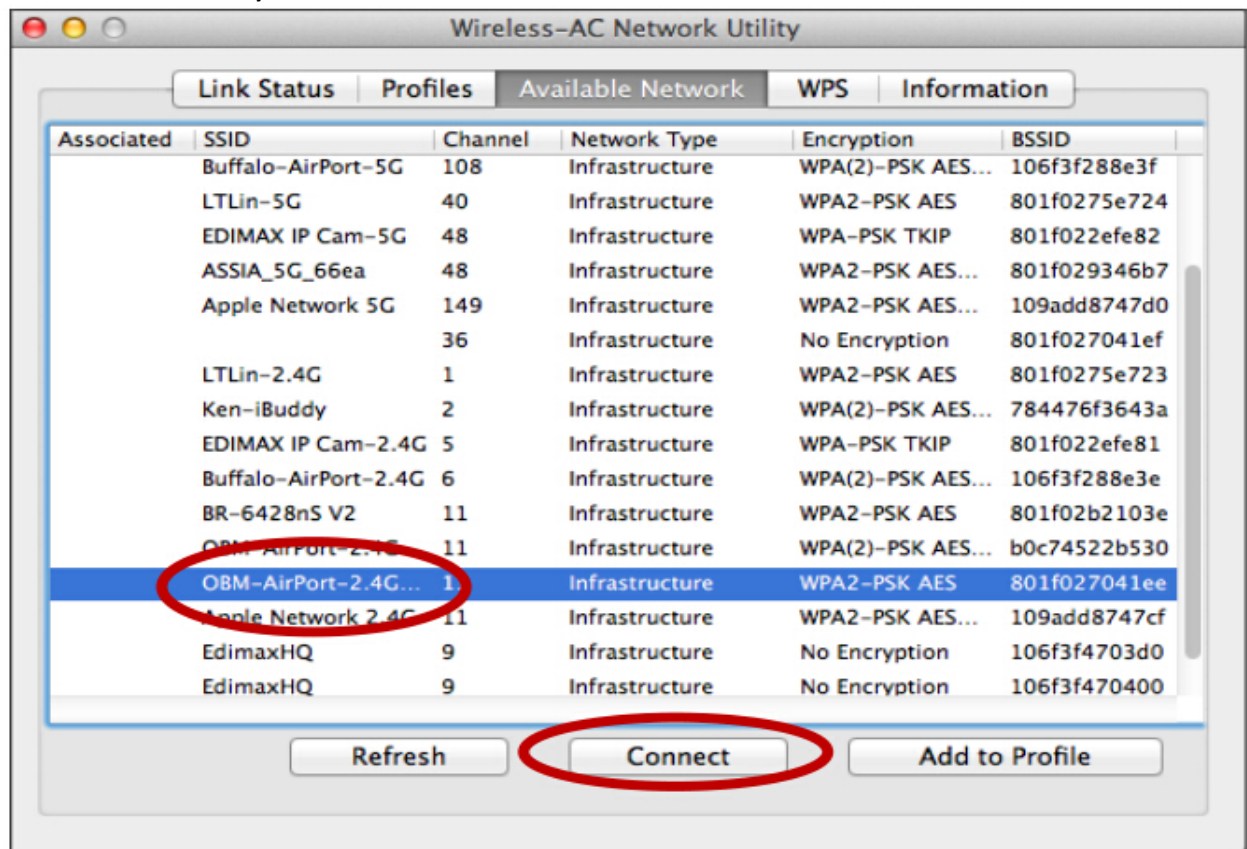
Go Back   Continue

3.5   Congratulations! When you see the below interface, the driver is successfully installed. Click "Restart" to restart your computer.
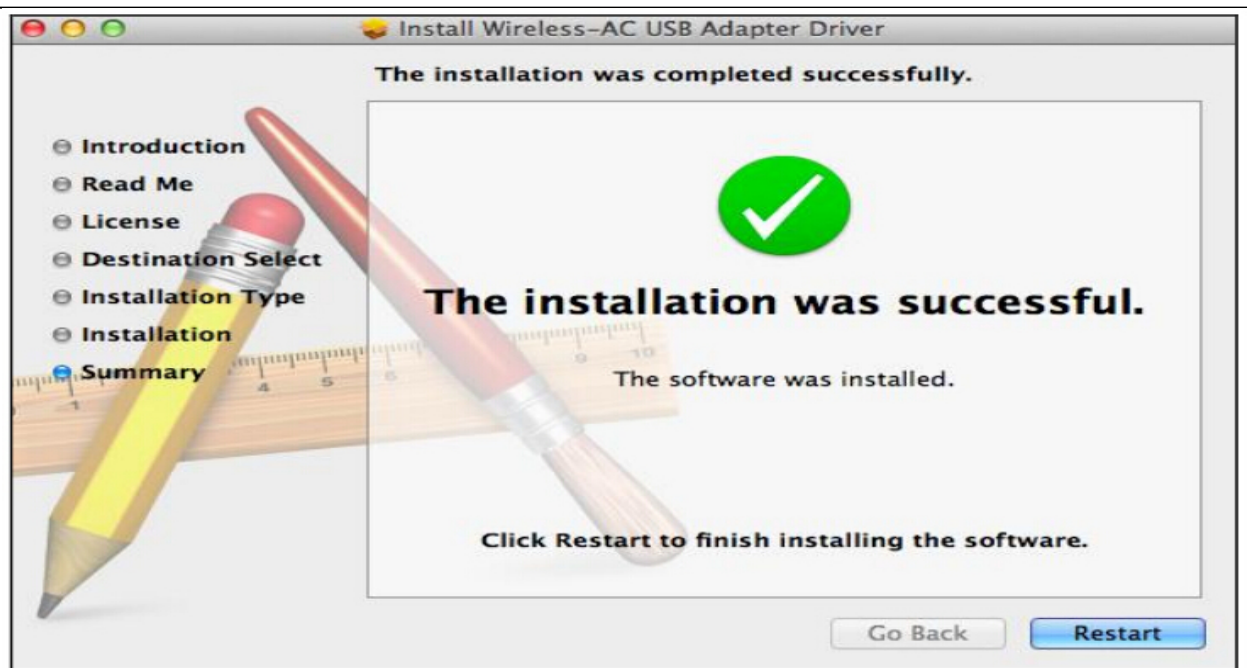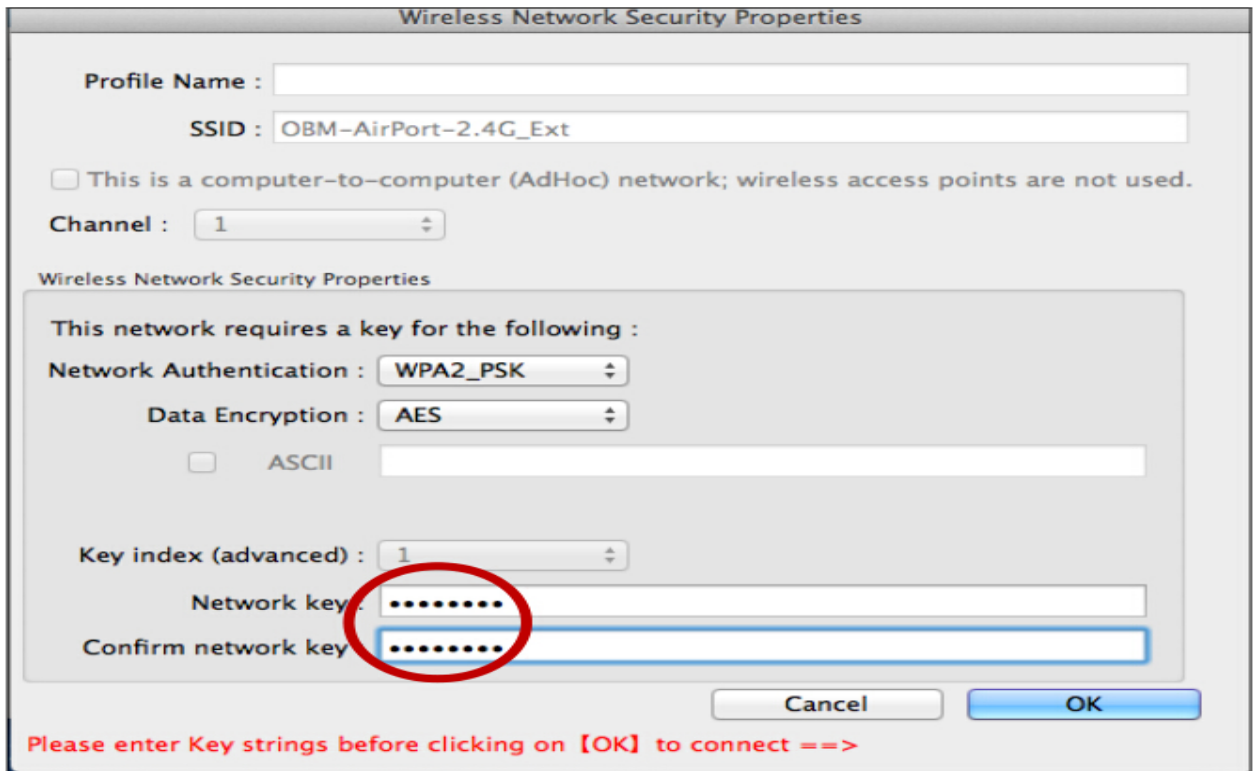
3.6 Please go to your computer and click the newly installed "Wireless Network Utility" . In the interface below, please click "Available Network", find your WiFi network, and then double click to select it.
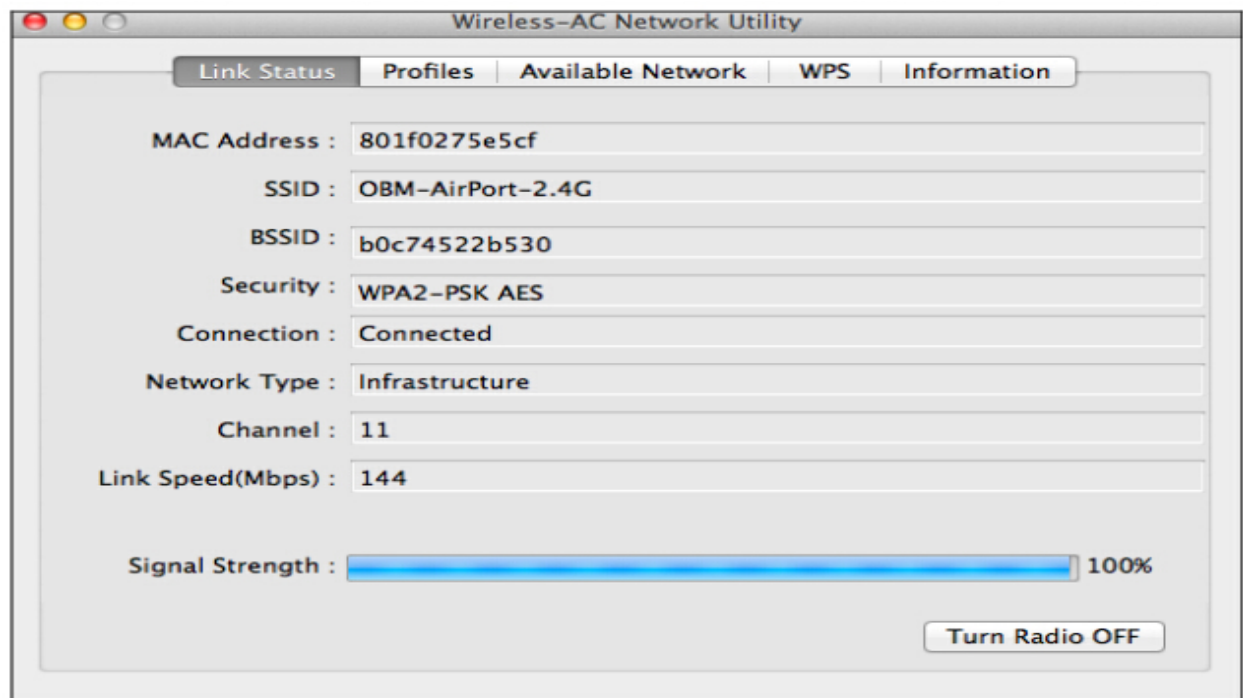
3.7 Please input your WiFi Network Key in the screen below, and make sure that your input the same WiFi Network Key twice, and then click the "OK" button.

3.8 After you input the correct WiFi Network Key, your MAC will be connected to your WiFi network successfully and you can see the below interface:

4.Quick Installation Guide for linux

Note: The following installation is based on Ubuntu 12.04. As there are different Linux versions, the procedure may vary. For Linux system, an active internet connection is required to install the driver. Please make sure your computer is connected to the Internet.

4.1 Click "Dash Home" and then enter "Terminal". Click the "Terminal" button.
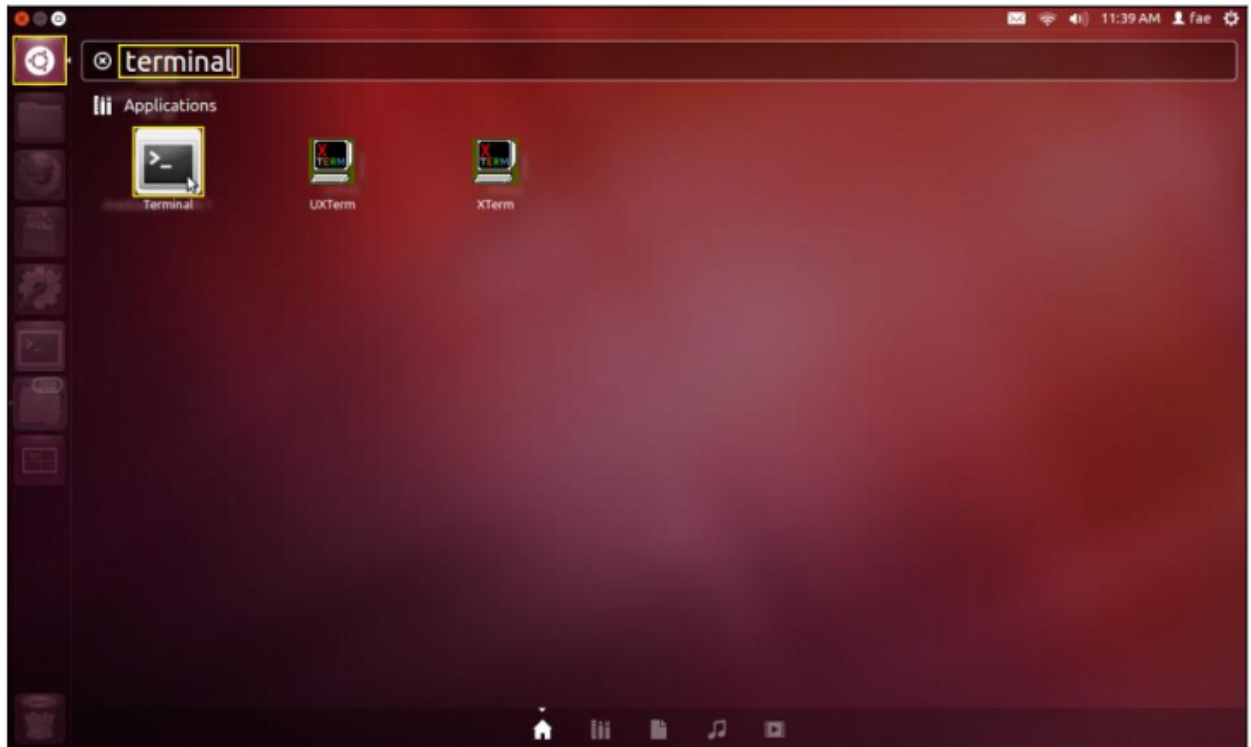
4.2 Run the following command "**sudo apt-get install build-essential**" to download the package that is required to create the driver.
Type in administrator password and enter "Y" to get the gcc package.

4.3 Go to the "Home" directory and enter the following command ("test" is your username for logging in):

4.4 Extract the driver with the following command:

```
test@ubuntu: ~
test@ubuntu:~$ tar vxzf rtl8812AU_8821AU_linux_v4.2.0_6952.20130315.tar.gz
```

4.5 Check the extracted file with the "Is" command:

```
test@ubuntu: ~
test@ubuntu:~$ ls
core         examples.desktop   rtl8812AU_8821AU_linux_v4.2.0_6952.20130315
Desktop      Music              rtl8812AU_8821AU_linux_v4.2.0_6952.20130315.tar.gz
Documents    Pictures           Templates
Downloads    Public             Videos
```

4.6 Go to the driver folder and run the following command:

```
test@ubuntu: ~
test@ubuntu:~$ cd rtl8812AU_8821AU_linux_v4.2.0_6952.20130315
```

4.7 Build the driver. Run the command and then enter the password.

```
test@ubuntu: ~/rtl8812AU_8821AU_linux_v4.2.0_6952.20130315
test@ubuntu:~/rtl8812AU_8821AU_linux_v4.2.0_6952.20130315$ sudo make
[sudo] password for test:
```
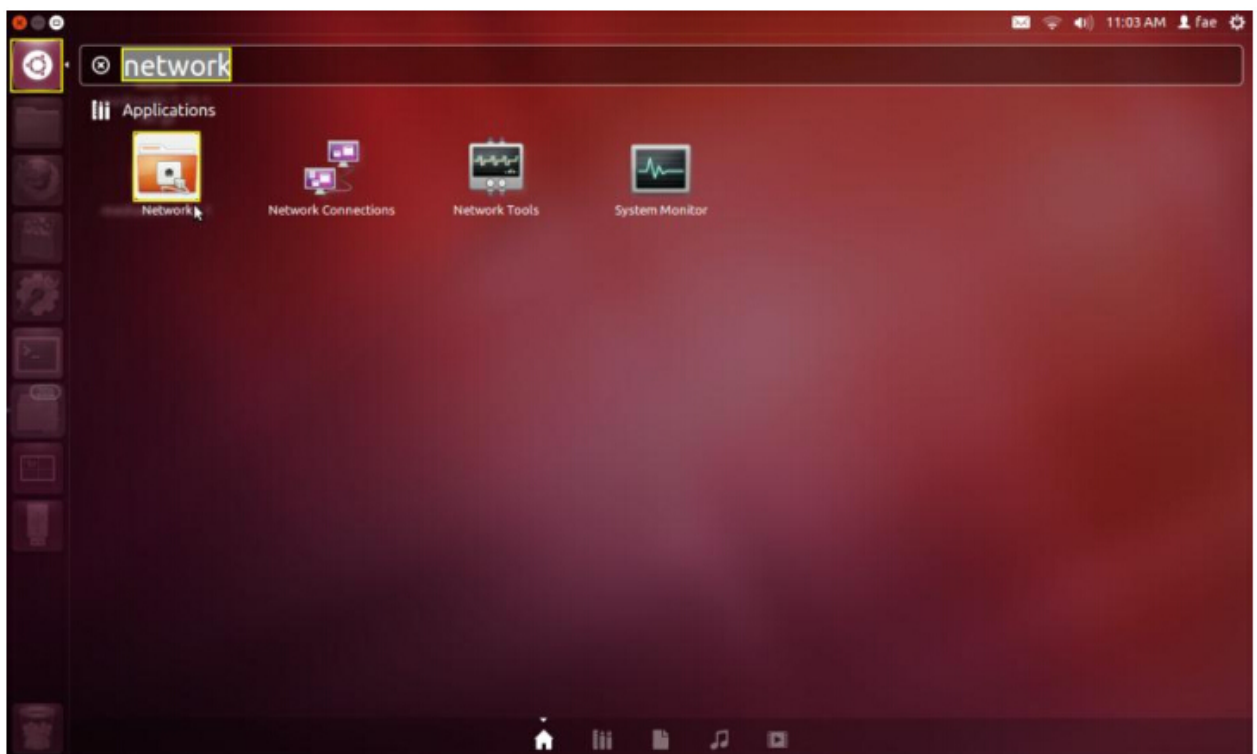
4.8 Execute the following command to load the driver.

```
test@ubuntu: ~/rtl8812AU_8821AU_linux_v4.2.0_6952.20130315
test@ubuntu:~/rtl8812AU_8821AU_linux_v4.2.0_6952.20130315$ sudo insmod 8821au.ko
```

4.9 Plug the wifi adapter into your computer and start Ubuntu now.
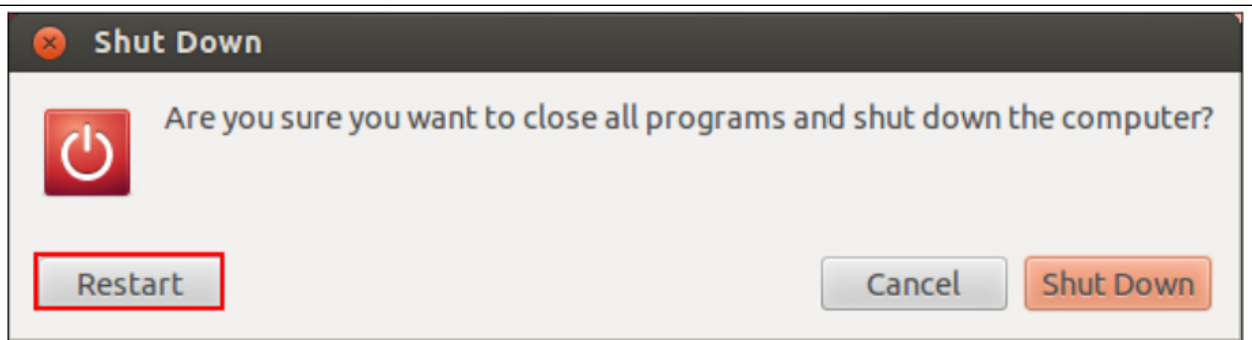
4.10 When Ubuntu restarts, click "Dash Home" and enter "Network". Click the "Network" button
.

4.11 Click "Wireless" button and select your WiFi Network, type in your network security key.

5. About SoftAP function

5.1 For MAC OSX system, this wifi adapter does not support SoftAP function.

5.2 For Windows10 system, if you want to use the SoftAP function, please go to the relevant windows websites to find the corresponding setting method.

5.3 For Linux system , if you want to use the SoftAP function, please go to the relevant Linux websites to find the corresponding setting method.