

# Quick Installation Guide

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

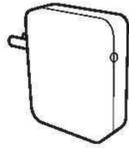
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
 (1) This device may not cause harmful interference, and  
 (2) This device must accept any interference received, including interference that may cause undesired operation.

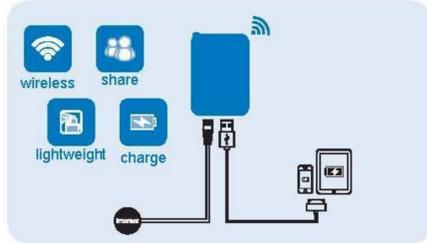
This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:  
 This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.  
 This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware-programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

## Open package

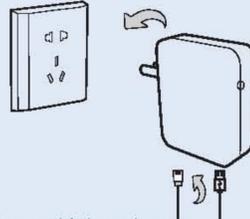


## Apply introduction



# 1 Hardware introduction

1 Flip out power supply plug, and insert into power supply outlet.



2 Connect Internet source

After connecting, check indicator light.

indicator light state	system state
Bright	system normal
Flicker	LAN/WAN connected

If the indicator light is not on, this is not normal, recheck connections.

3 In order to charge mobile, tablets etc, move close to router and connect.

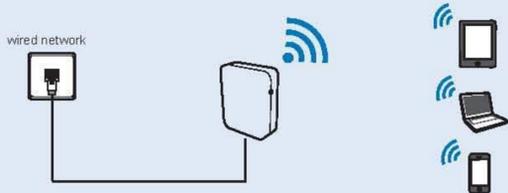
### Notes

1. During severe weather/lightening unplug router.
  2. Do not place router on hot surfaces.
  3. Router is not waterproof.
  4. Do not use router near Microwave oven.
- \*When using router to charge tablets, turn tablet power off for best results.

# 2 Two modes introduction

## 1 AP Mode

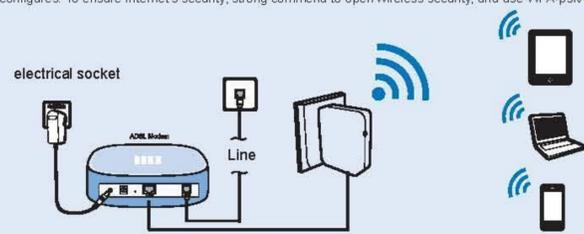
This wireless router combined with electrical source and a wired internet connection will give you WiFi. Out of the package the router defaults to AP mode. With AP mode the user does not need to make any configuration changes. Insert into a power socket and connect internet cable, and you have WiFi for mobile devices, tablets, or computers. Under the AP mode, reticle ora as LAN ora use, computer can pass wireless or wire ways connect to little white. To avoid the conflict of DHCP service with front-end devices, the DHCP server is default to be closed on this mode. If you want to login in the little white management page, please set your computer's IP address manually. Adapted environment: Hotel, school dormitory etc. Wireless security configures: To ensure Internet's security, strongly commend to open wireless security, and use WPA-PSK/WPA2-PSK AES encrypt way.



Notes: Some networks use dynamic IP addresses, now computer/Wi-Fi mobile/tablets, just need to setup IP address and DNS address to get it. A minority of circs, need computer Wi-Fi mobile/tablets IP address and DNS address setup network appointed address, any questions please ask network administrators.

## 2 Wireless Router Mode

Under the wireless router mode, little white as work wireless router, connect reticle. Through ADSL modem connect to Internet, computer etc, wireless equipment can sharing surf the Internet. User through configure desktop board band connect configure board band self-dial up. Computer's IP address and DNS address can configure auto-get it. Under the wireless router mode, reticle ora as WAN ora use, computer can through wireless or wire way connect to little white. The DHCP server is default to be closed on this mode. If you want to login in the little white management page, please set your computer's IP address manually. Adapted environment family, flat etc.



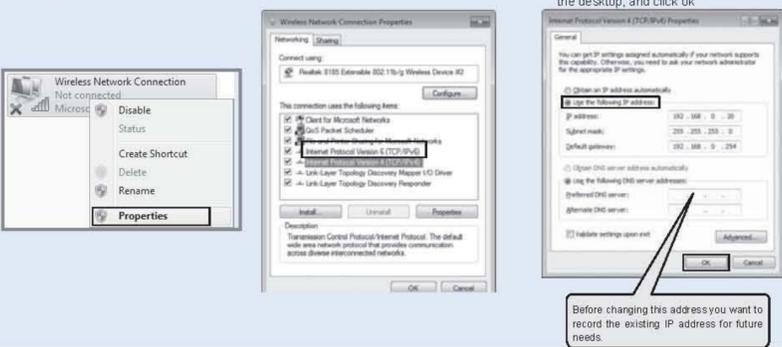
Wireless security configures: To ensure Internet's security, strong commend to open wireless security, and use WPA-PSK/WPA2-PSK AES encrypt way.

# 3 Configure computer (Before setup, make sure your computer has a working wireless network card installed)

## Windows 7

Windows 7 system please accroding the below steps to configure.

- 1 Go to Start, Control Panel and click View network status and tasks then click Change adapter settings. Right click wireless network connection, and select properties.
- 2 Double click "Internet protocol Version 4 (TCP/IPv4)" in the item list.
- 3 Click Use the following IP address and enter the IP address as 192.168.1.X (X is from 100 to 252), and hit enter, the subnet mask will automatically change to 255.255.255.0, click "ok" return back to the desktop, and click "ok".

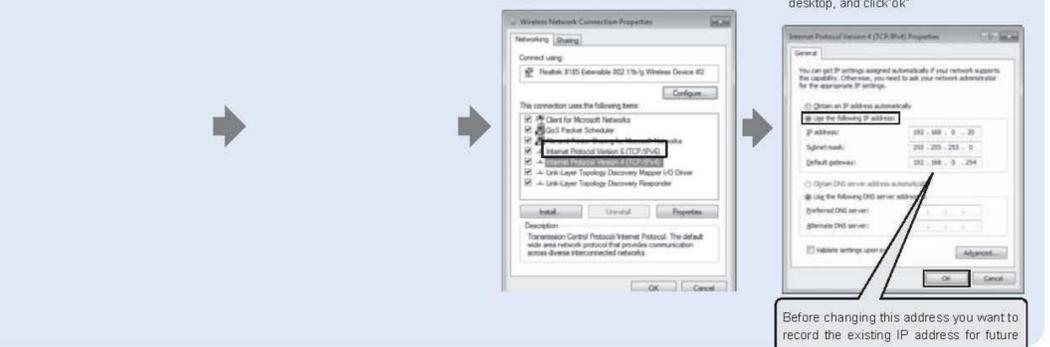


Before changing this address you want to record the existing IP address for future needs.

## Windows XP

Windows XP system please accroding the below steps to configure.

- 1 Go to Start, Control Panel and click Network and Internet Connections. Select Network Connections.
- 2 Right click wireless network connection and select properties.
- 3 Double click "Internet agreement" (TCP/IP).
- 4 Click Use the following IP address, and enter the IP address as 192.168.1.X (X is from 100 to 252), and hit enter, the subnet mask will automatically change to 255.255.255.0, click "ok" return back to the desktop, and click "ok".



Before changing this address you want to record the existing IP address for future needs.

# 4 Wireless network connect.

## Windows 7

Windows 7 system please the below steps to connect wireless network.

- 1 In the taskbar of your computer you should see the wireless icon.
- 2 Left click on this icon, and select wireless network by left clicking and then selecting connect, click connect.
- 3 After connecting you can left click the icon again to be sure there are no problems with your connection and signal.



## Windows XP

Windows XP system please the below steps to connect wireless network.

- 1 In the taskbar of your computer you should see the wireless icon. Click on this icon.
- 2 In the network list, double click the wireless network you would like to connect to.
- 3



# 5 Configure router

## AP

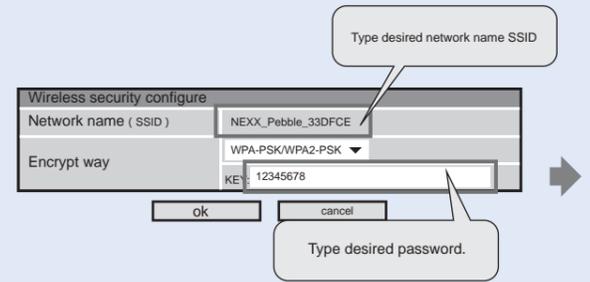
1 Open a web browser, type 192.168.1.253 in the address field, and press enter, enter the default user name and password: admin and click OK.



2 Enter router configure interface and click "AP Mode"



3 Select encryption



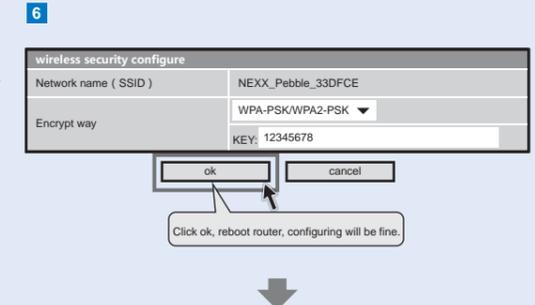
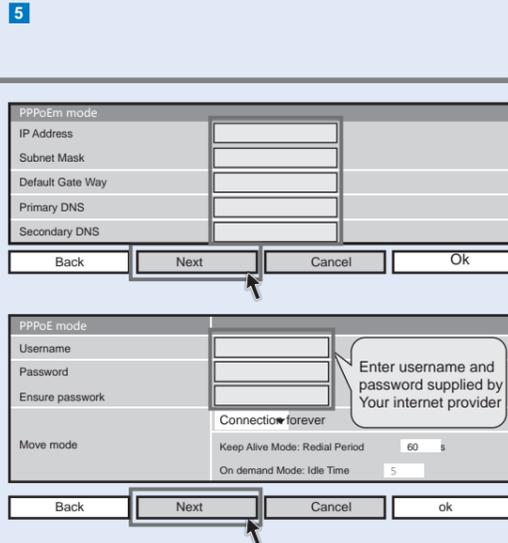
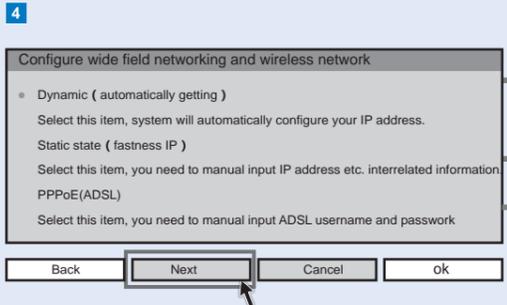
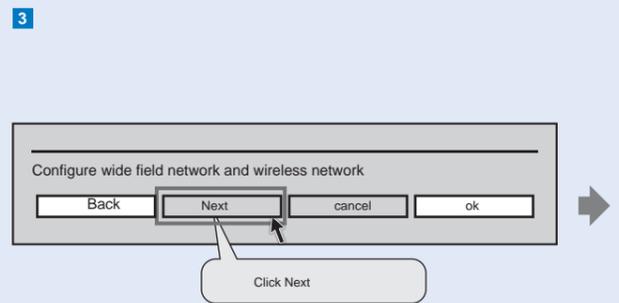
5 If you added a password wait for the signal to refresh and reconnect. Now you will have to enter the password you just added. Internet should now be available.

## Wireless router mode

1 Open a web browser, type 192.168.1.253 in the address field, and press enter, enter the default user name and password: admin.



2 Enter router configure interface and click "Router Mode"



7 If you added a password wait for the signal to refresh and reconnect. Now you will have to enter the password you just added. Internet should now be available.

# 6 Reconfigure computer

According to "Step 3 configure computer" to Obtain IP address automatically.

## Windows 7

Go back to step 3 and follow the directions the get to the TCP/IPv4 properties, then select "Obtain an IP address automatically" and click ok to finish the setting..



## Windows XP

Go back to step 3 and follow the directions the get to the TCP/IPv4 properties, then select "Obtain an IP address automatically" and click ok to finish the setting..



# 7 Reconnect to router

## Windows 7

1 Perform the same steps as in Step 4 to connect to the router.



2 If wireless security is enabled, you need to enter the Security Key you set in Step 5 Configure Router, click ok.



## Windows XP

1 Perform the same steps as in Step 4 to connect to the router.



2 If wireless security is enabled, you need to enter the Security Key you set in Step 5 Configure Router, click ok.

