

**Quick Installation Guide
for
WiFi Broadband Router**

Conventions

Thank you for purchasing WiFi broadband router.

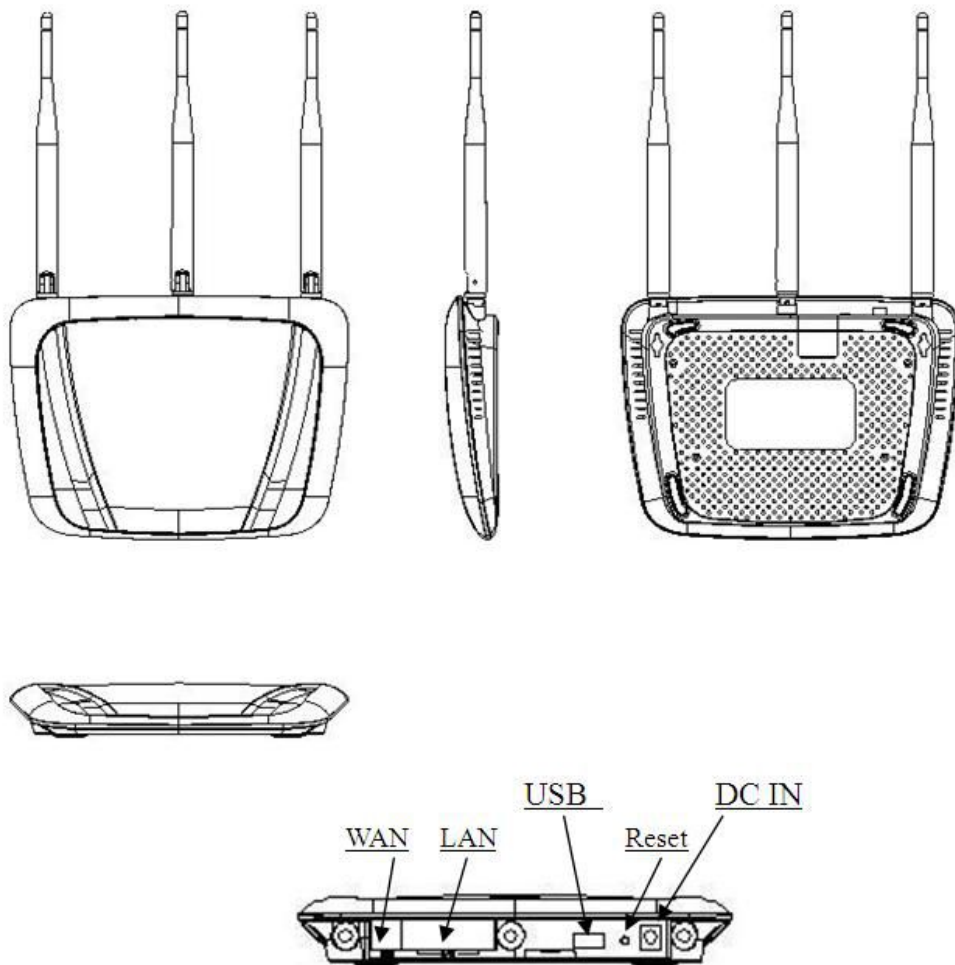
Applicable to WiFi broadband router, this Installation Guide provides a WebUI-based configuration method and procedure. In this guide, Windows 2000/XP is used as an example.

Items list

Please check for the following items in the packing box:

- ✧ 300 Mbps wireless router × 1
- ✧ Power adapter × 1
- ✧ Quick Installation Guide × 1
- ✧ Warranty Card × 1

Appearance



(Note: the number of antenna will be subject to the actual model)

Interfaces

Interface	Function
DC IN	DC input, connecting to a 12V/1A power adapter
RESET	Reset key. Pressing this key for 5 seconds will restore the router to factory settings.
WAN	RJ45 port for connecting to an internet access device such as ADSL modem, upper level router or switch. A static IP address, dynamic IP address, or PPPoE can be used for internet access.
LAN	LAN port, connecting to a terminal device with an RJ45 port such as a computer
USB	USB port, connecting to a 3G usb dongle or USB mass storage (of special models)

LED indicators

Indicator	Meaning	State	Description
	Power	Always on	System started up and in working state
		Off	Not working
	WiFi	Always on	Wireless function is enabled.
		Flashing	Data is being received or sent via WLAN.
		Off	Wireless function is not enabled
	RJ-45	Always on	An Ethernet cable is connected to the LAN port properly.
		Flashing	Data is being received or sent through the RJ-45 port.
	WAN	Always on	WAN port is connected to ethernet equipment properly.
		Flashing	WAN port is receiving or sending data.
	System indication	① Always on: A storage device is successfully loaded. ② Off: A storage device is not loaded.	

Installation environment

To ensure proper functioning of the router, the operating environment is recommended as follows:

- a) Keep away from heat, maintain ventilation
- b) Lay equipments on flat surface
- c) Lay equipments in dry environment without dust
- d) Dismantle power supply and all wirings in thunderstorm weather in case of lightning stroke

Note: please supply rated power for equipments. If unmatched power is supplied, router may get damaged.

Storage condition

	Temperature	Humidity
Working status:	0-50℃	10-85% (non-condensation)
Store status:	-20-70℃	5-90% (non-condensation)

System requirement

- ✧ Broadband Internet service (Ethernet cable access or through xDSL/Cable Modem)
- ✧ Modulator-demodulator with RJ45 port (unnecessary for ethernet cable connection)
- ✧ Each PC is equipped with network connection equipment respectively (wireless network card or wire network card and network cable)
- ✧ Windows 98, Me, NT, 2000, XP, Vista, 7 and other operating systems supporting TCP/IP protocol
- ✧ Internet Explorer 6.0 or higher version

Product installation

1. Hardware connection

Please use ancillary power adapter to supply power for router, start router, and then connect your computer to the RJ45 port on the router by using a RJ45 network cable.

Prompt: you can connect wireless broadband router via wireless interface. When configuring router for the first time, we recommend you to connect with wire method. The following setting steps are all based on wire connection.

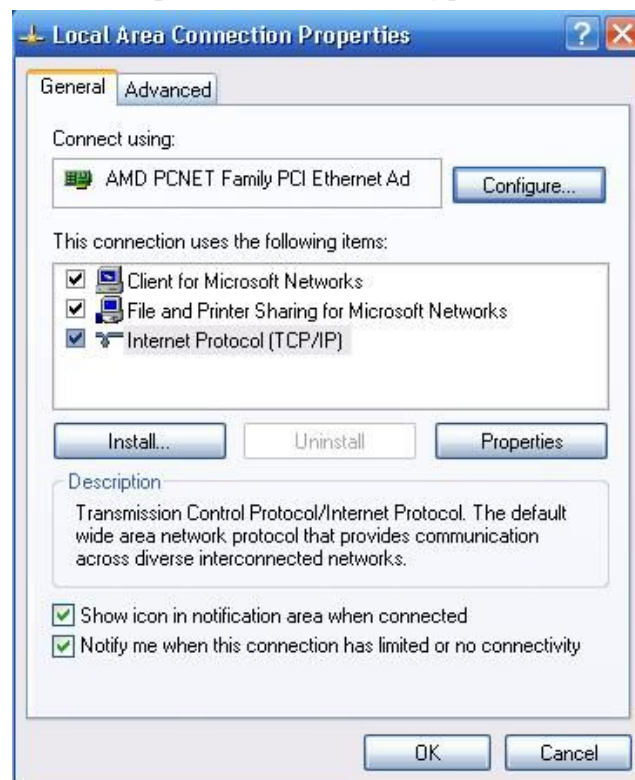
2. Set up your computer network in a correct way

The router default LAN port's IP address as 192.168.169.1 and default subnet mask as 255.255.255.0. These values can be modified according to actual condition. The text will explain it with default value.

- 1) Double click **"My Network Place"** on desktop, and click **"View network connections"** on dialog box, and select **"Local Area Connection"** of corresponding network card on this page.



2) Double click “**Local Area Connection**”, select “**Internet Protocol (TCP/IP)**” indialog box popped out, and then click “**Properties**”, as the following picture:



3) In “**Internet Protocol (TCP/IP) Property**” screen popped out, select “**obtain an IP addresses automatically**” and “**obtain DNS server address automatically**”, click “**OK**”



3. Log on router configuration page

- 1) Open IE browser, input at address bar: **192.168.169.1**, Enter.



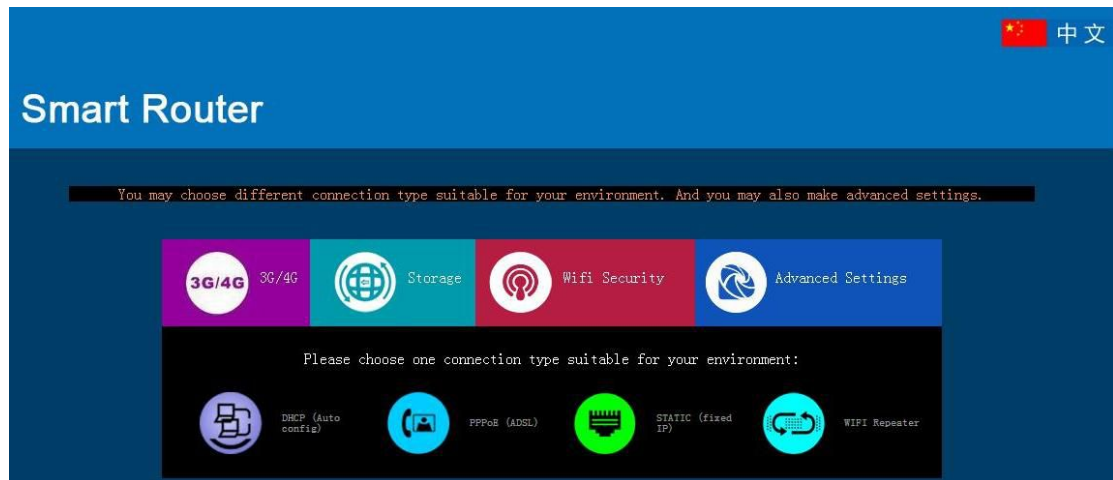
- 2) In log-in window popped out, input user name: **admin**; password: **admin**; then click "OK".



- ✚ Prompt: both user name and password of initial administrator are: **admin**; user can

change administrator's password after entering into the system.

3) After inputting correct user name and password, one can enter into router's WEB configuration screen.



4. Select way to access the Internet

Router supports four ways of access: static IP, dynamic IP, PPPoE and WiFi repeat. Click corresponding icon at bottom column on home page and select your access method. Router was set into DHCP (dynamic IP) mode as the way to access the Internet when leaving factory.



● Select a static IP (fixed IP)

If access way provided by network provider for you is static IP, you shall input ISP or IP address, subnet mask, gateway, DNS server and standby DNS server provided by network administrator for you.

Static Mode	
IP Address	
Subnet Mask	
Default Gateway	
Primary DNS Server	
Secondary DNS Server	
Apply Cancel	

● Select DHCP (Auto config)

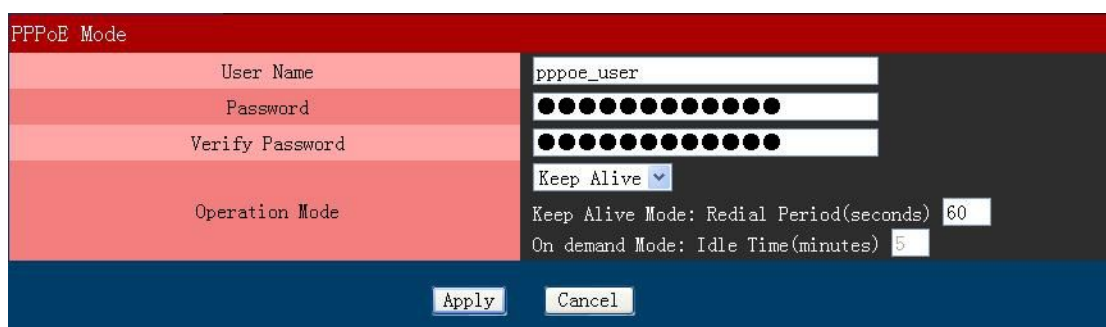
If access way provided by network provider for you is dynamic IP, Please click on the icon“ DHCP (Auto config)”, next you don’t need to input anything, click “OK” directly.



The DHCP Mode configuration window has a red header bar labeled "DHCP Mode". Below it is a table with six rows for network configuration: IP Address, Subnet Mask, Default Gateway, Primary DNS Server, Secondary DNS Server, and Hostname (optional). Each row has a corresponding empty text input field to its right. At the bottom of the window are two buttons: "Apply" and "Cancel".

● Select PPPoE (ADSL)

If your way to access the Internet is “ADSL dial-up”, you only need to input account information provided by ISP in input box of “user name” and "command", complete setting, and click “OK”.

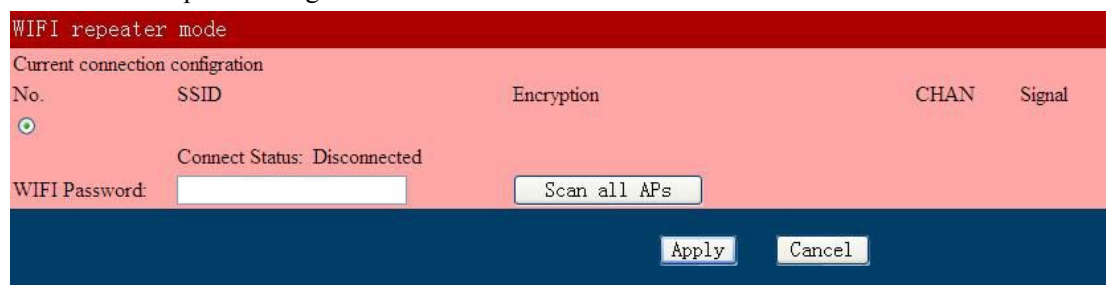


The PPPoE Mode configuration window has a red header bar labeled "PPPoE Mode". It contains a table with four rows: User Name, Password, Verify Password, and Operation Mode. The User Name field contains "pppoe_user". The Password and Verify Password fields are masked with black dots. Below the table, there is a "Keep Alive" dropdown menu set to a downward arrow. Further down, there are two settings: "Keep Alive Mode: Redial Period(seconds)" with a value of 60, and "On demand Mode: Idle Time(minutes)" with a value of 5. At the bottom are "Apply" and "Cancel" buttons.

● Select WiFi repeate

If you want to make current router connect to another exist wireless router though wireless connection, please select this mode.

Enter into “WiFi repeate” setting interface, click "scan all AP", It will list names of surrounding WiFi routers, select the router you need to connect, input password for connection, click “OK” and complete setting



The WiFi repeater mode configuration window has a red header bar labeled "WIFI repeater mode". Below it is a section titled "Current connection configuration" which contains a table with columns: No., SSID, Encryption, CHAN, and Signal. The first row shows a green circle icon in the "No." column. Below the table, the "Connect Status" is "Disconnected". There is a "WIFI Password:" label followed by an empty input field. To the right of the password field is a "Scan all APs" button. At the bottom are "Apply" and "Cancel" buttons.

5. Wireless network setting

Complete setting internet access method and configure security setting of wireless network to prevent illegal user access. Click “Wifi security settings” on home page and appear the following

UI:

Wireless Settings

Setup the wireless SSID, security and encryption to prevent from unauthorized access and monitoring.

Network Name (SSID) Setting

Network Name (SSID)	SmartWiFi-134E
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"SmartWiFi-134E"

Security Mode	WPAPSKWPA2PSK
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WPA

WPA Algorithms	☐ TKIP ☐ AES ☒ TKIPAES
Pass Phrase	12345678
Key Renewal Interval (Seconds)	3600 (0 ~ 4194303)

Apply Cancel

After basic setting of router is completed, you can click **“advanced setup”** icon on home page to check partial connection status of router with ISP. If your router’s **“Internet Configuration”** shows that corresponding IP address, DNS servers and other information are obtained successfully, you can surf on internet now.

If you need higher function set, please make further setting in menu bar on the left.

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