



Quick Installation Guide

Model: EL001

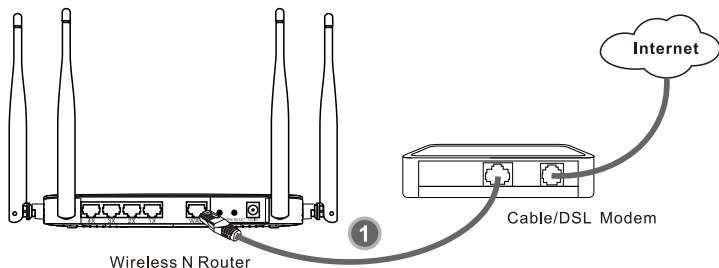
300Mbps High Gain Wireless N Router

1.Connecting the device

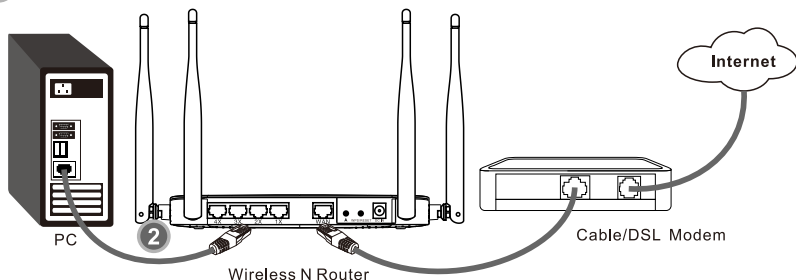


Note: Please use wired network connections only to configure the Router.

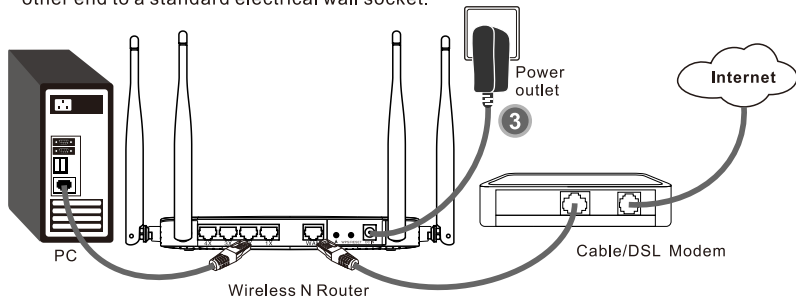
- 1 Connect the WAN port on your Router to the Modem's LAN port with an Ethernet cable.
(If there is no Modem, please use the incoming cable directly into the router's WAN port) .



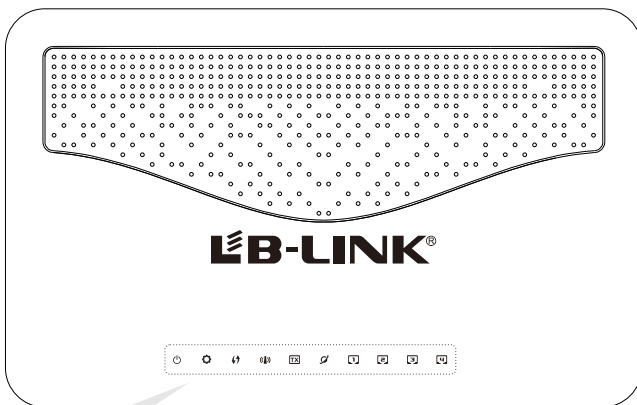
- 2 Connect your computer to the Port labeled 1~4 on the Router with an Ethernet cable.



- 3 Plug the provided power adapter into the power jack on the back of the router and the other end to a standard electrical wall socket.



- 4 Check the router's LED indicator lights display status is the same as described.



→ Power:Solid light



→ SYS:Flashing



→ WPS:Trigger Flashing



→ WLAN:Flashing



→ TX:Trigger solid light



→ WAN:Flashing or solid light if the corresponding port is connected



→ LAN:Flashing or solid light if the corresponding port is connected



Note: If the LED indicator light display abnormal, please check whether the connection is correct.

2. Configuring the device



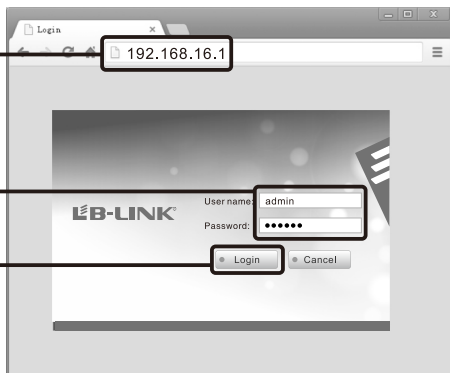
Note: First of all, please configure your computer's IP address to automatically obtain, if not clear, please refer to FAQ3.

1 Login

Open your web browser, input **192.168.16.1** in the address field and press **Enter**.

User name: **admin**
Password: **admin**

Click **Login**



The web management page will display after a successful login

Select a connection type



Note:

1. Make sure the cable is securely plugged into the WAN port before detection.
2. If the connection type your ISP provided is PPTP, L2TP, you must go to "**Network setup-WAN**" to configure your connection type manually.

How to select a connection type?

The Internet parameters provided by ISP when users apply for Internet access	Connection type
No parameters, don't use any router and don't do any setting	DHCP
A static IP address, subnet mask, gateway and DNS server Static IP address	Static
User name and password	PPPoE

A Configuration for DHCP

This page will then display

Select **DHCP**

Create a unique and easy-to-remember name for your wireless network. You can also keep default settings.

Set up a wireless Key, the length is more than 8 characters.

Click **Apply**

The screenshot shows the network configuration interface with the 'DHCP' tab selected. The 'Wireless' section is expanded, showing 'Wireless Network Name(SSID)' set to 'B-LINK_XXXXXX' and 'Key' set to '12345678'. The 'Apply' button is highlighted at the bottom.

Wireless	
Wireless Network Name(SSID)	B-LINK_XXXXXX
Key	12345678

Buttons: DHCP (selected), Static, PPPoE

Buttons: Apply, Advanced

B Configuration for Static

This page will then display

Select **Static**

Enter the **IP address**, **Subnet Mask**, **Gateway Address**, **DNS** provided by your ISP Manually.

Create a unique and easy-to-remember name for your wireless network. You can also keep default settings.

Set up a wireless Key, the length is more than 8 characters.

Click **Apply**

The screenshot shows the network configuration interface with the 'Static' tab selected. The 'WAN' section is expanded, showing 'IP Address', 'Subnet Mask', 'Gateway Address', 'Primary DNS Address', and 'Alternate DNS Address (Optional)' all set to '0.0.0.0'. The 'Wireless' section is also expanded, showing 'Wireless Network Name(SSID)' set to 'B-LINK_XXXXXX' and 'Key' set to '12345678'. The 'Apply' button is highlighted at the bottom.

WAN	
IP Address	0.0.0.0
Subnet Mask	0.0.0.0
Gateway Address	0.0.0.0
Primary DNS Address	
Alternate DNS Address (Optional)	

Wireless	
Wireless Network Name(SSID)	B-LINK_XXXXXX
Key	12345678

Buttons: DHCP, Static (selected), PPPoE

Buttons: Apply, Advanced

C Configuration for PPPoE

This page will then display

Select **PPPoE**

Enter the **Username** and **Password** provided by your ISP.

Create a unique and easy-to-remember name for your wireless network. You can also keep default settings.

Set up a wireless Key, the length is more than 8 characters.

Click **Apply**

The screenshot shows a router configuration interface. At the top, there are three radio buttons: 'DHCP', 'Static', and 'PPPoE'. The 'PPPoE' button is selected and highlighted with a red box. Below this, there is a section titled 'WAN'. Under 'WAN', there are three input fields: 'Username' with the value '0.0.0.0', 'Password' with the value '0.0.0.0', and 'Service Name(Optional)' with the value '0.0.0.0'. These three fields are grouped together with a red box. Below the 'WAN' section is a section titled 'Wireless'. Under 'Wireless', there are two input fields: 'Wireless Network Name(SSID)' with the value 'B-LINK_XXXXXX' and 'Key' with the value '12345678'. These two fields are grouped together with a red box. At the bottom of the page, there are two buttons: 'Apply' and 'Advanced'. The 'Apply' button is highlighted with a red box.



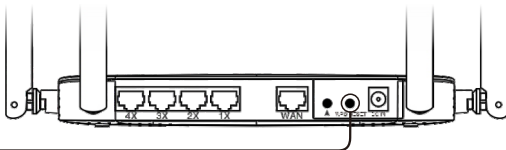
Note: The basic setting for your Router is completed. You will be able to access to the Internet, if not, please refer to the **troubleshooting**

3.Troubleshooting

FAQ1: What should I do if I forget the user name and password?

(How to restore the router 's configuration to its factory default settings.)

Answer: If you forget the user name and password, the only way to solve this problem is to reset the router. Press and hold the RESET button on the rear panel for 5 to 8 seconds before releasing it.(when it is power on)



Hold for **5 to 8** seconds

FAQ2: What can I do if I cannot access the Internet?

1.Check to see if all the connectors are connected well, including the telephone line (for your modem), Ethernet cables and power adapter.

2.Disconnect the Router and directly connect your computer to the Modem and try to access the Internet. If you still cannot access to the Internet, please contact your ISP or the Modem's manufacturer; otherwise, please reconnect the physical connection between your Modem, Router and the computer, then continue to follow the next step.

3.Make sure that you are connected to the Router with the computer that was originally connected to your modem, then login to the web-based management page and browse to "Network Setup > MAC Clone", click "Clone MAC" and then click "Apply". Reboot the Router and try to access the Internet from your computer, if the problem still, please go to the next step.

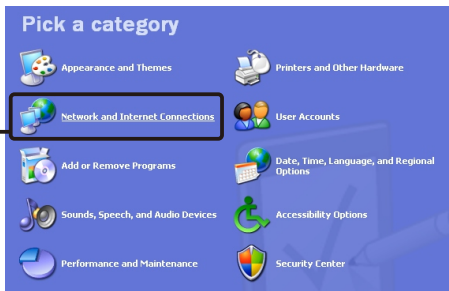
Provide WAN port address MAC clone	00:90:4c:08:00:14
Clone MAC	
Restore	
Apply	cancel

FAQ3: How to configure the IP address of the computer?

For Windows XP OS

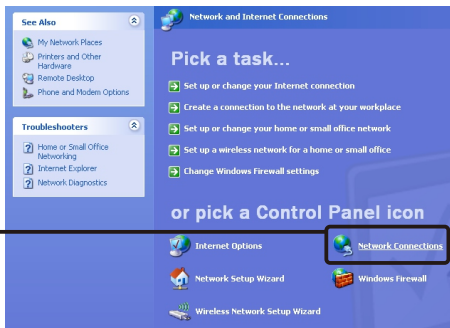
Go to **Start > Control Panel**, you will then see the following page.

Click **Network and Internet Connections**

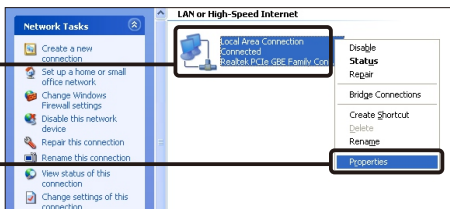


For Windows XP OS

Click **Network Connections**

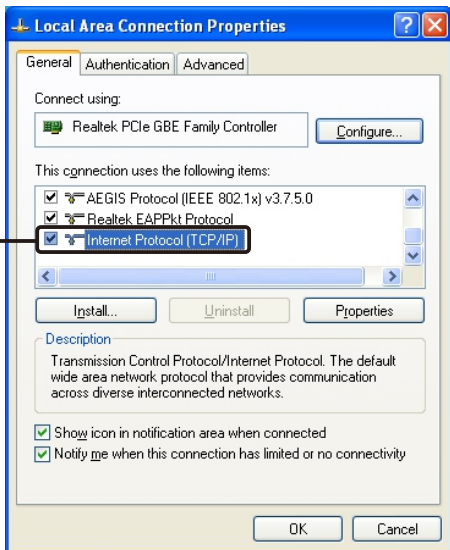


Right-click **Local Area Connection**

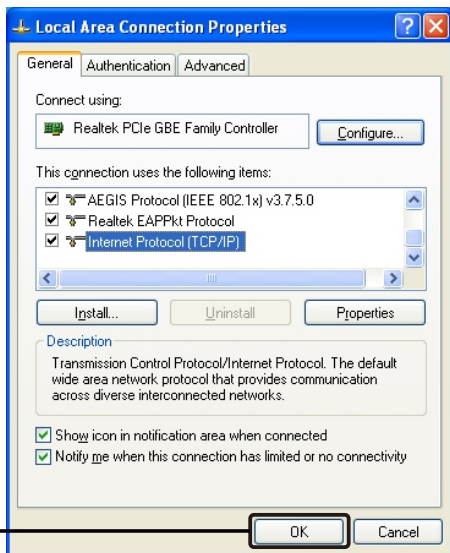
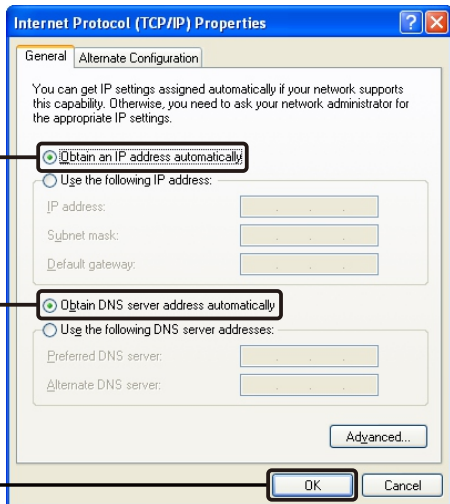


Click **Properties**

Double-click **Internet Protocol (TCP/IP)**



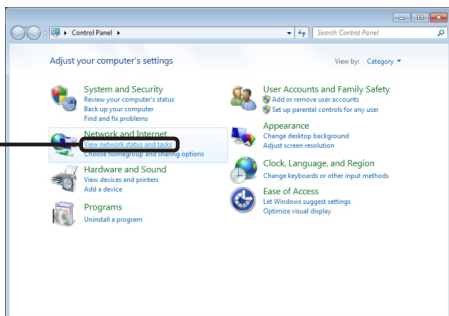
For Windows XP OS



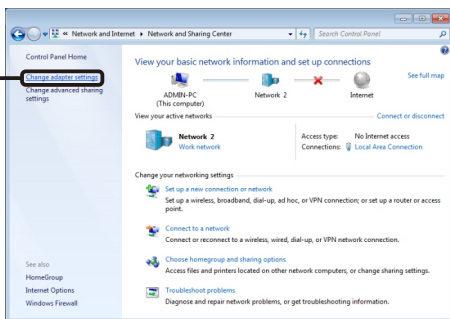
For Windows 7 OS

Go to **Start > Control Panel**, you will then see the following page.

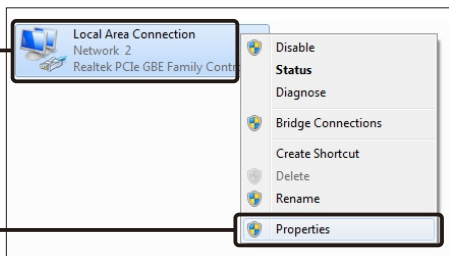
Click **View network status and tasks**



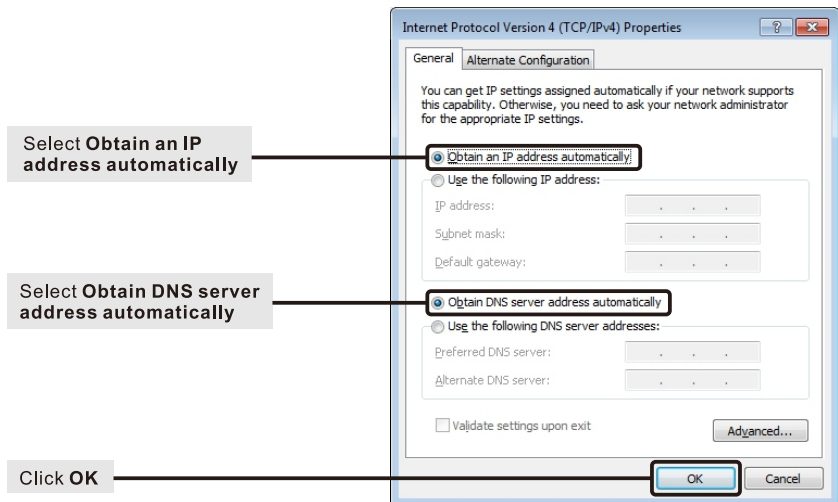
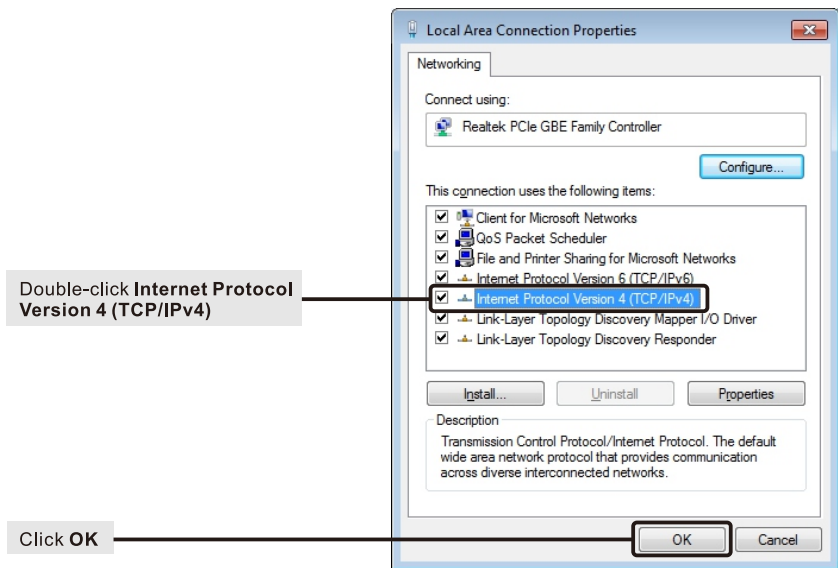
Click **Change adapter settings**

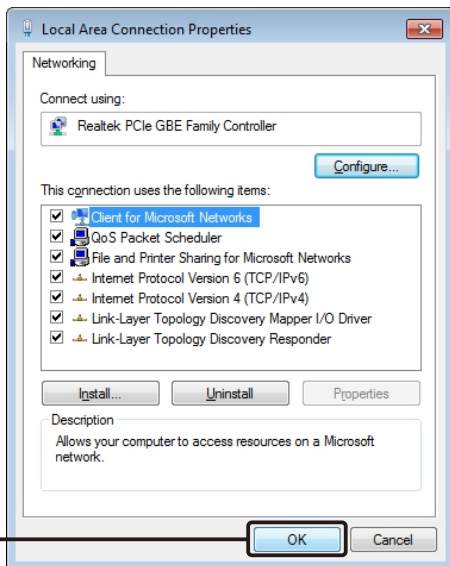


Right-click **Local Area Connection**



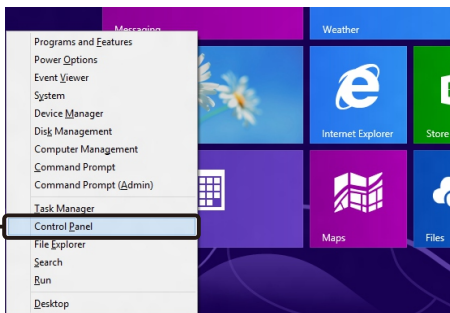
For Windows 7 OS



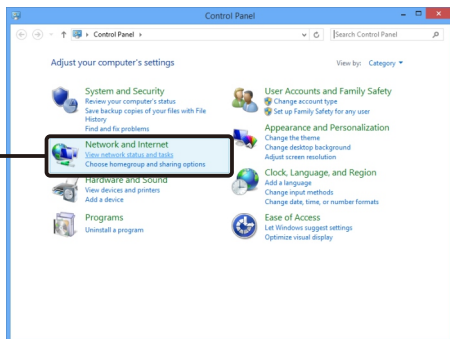


For Windows 8 OS

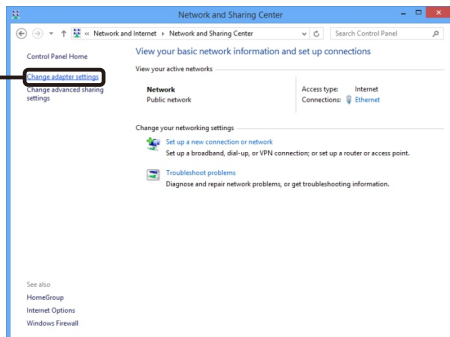
Press the Keyboard WIN() + X to popup the menu on the Win8 Desktop, then **select Control Panel**



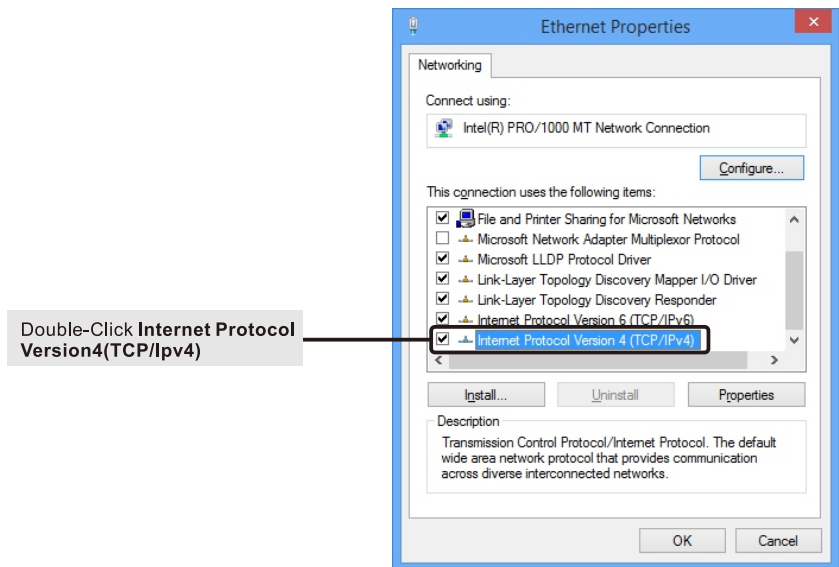
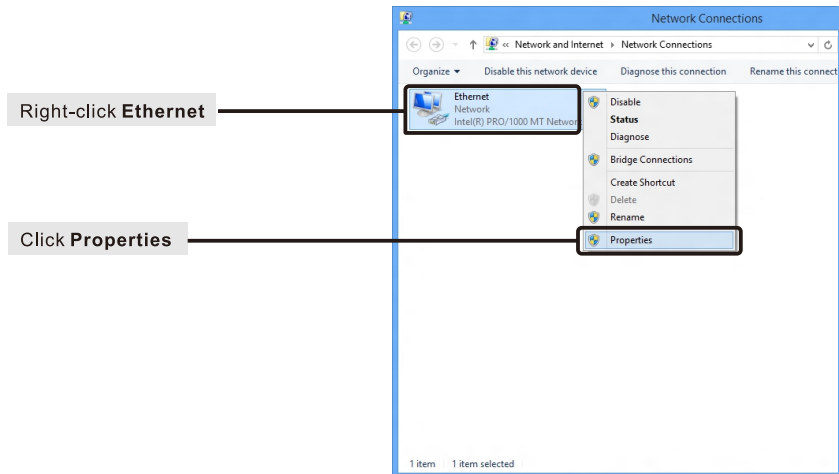
Click **View network status and tasks**



Click **Change adapter settings**



For Windows 8 OS

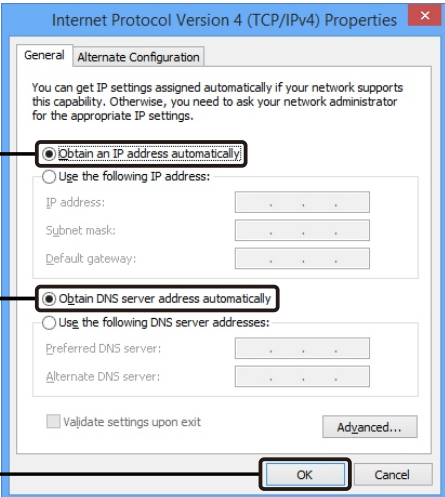


For Windows 8 OS

Select Obtain an IP address automatically

Select Obtain DNS server address automatically

Click OK



Internet Protocol Version 4 (TCP/IPv4) Properties

General Alternate Configuration

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☒ Obtain an IP address automatically

☐ Use the following IP address:

IP address: . . .

Subnet mask: . . .

Default gateway: . . .

☒ Obtain DNS server address automatically

☐ Use the following DNS server addresses:

Preferred DNS server: . . .

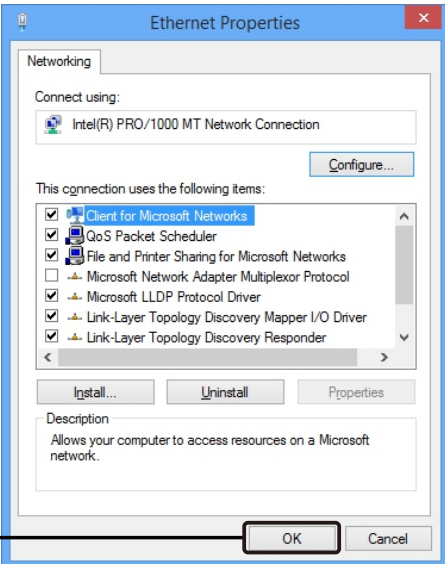
Alternate DNS server: . . .

☐ Validate settings upon exit

Advanced...

OK Cancel

Click OK



Ethernet Properties

Networking

Connect using:

Intel(R) PRO/1000 MT Network Connection

Configure...

This connection uses the following items:

- ☒ Client for Microsoft Networks
- ☒ QoS Packet Scheduler
- ☒ File and Printer Sharing for Microsoft Networks
- ☐ Microsoft Network Adapter Multiplexor Protocol
- ☒ Microsoft LLDP Protocol Driver
- ☒ Link-Layer Topology Discovery Mapper I/O Driver
- ☒ Link-Layer Topology Discovery Responder

Install... Uninstall Properties

Description

Allows your computer to access resources on a Microsoft network.

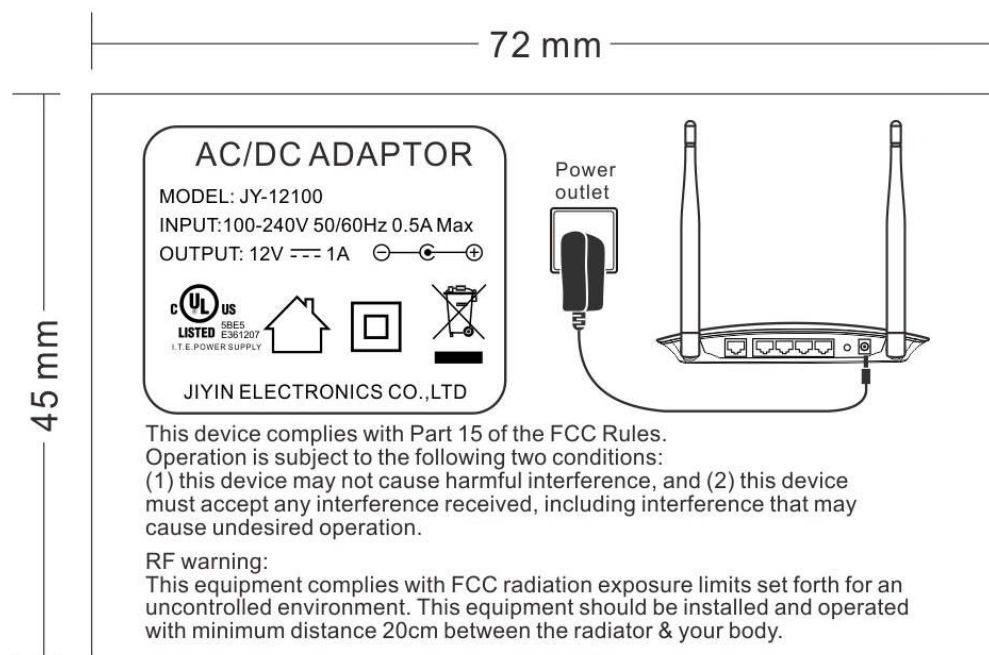
OK Cancel

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<http://www.lb-link.cn>

Ver 2.0



Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.