

The logo for LB-LINK, featuring a stylized 'L' icon composed of three horizontal lines of varying lengths, followed by the text 'B-LINK' in a bold, sans-serif font with a registered trademark symbol.

**LB-LINK<sup>®</sup>**

## **Quick Installation Guide**

**Model:BL-WR4300H**

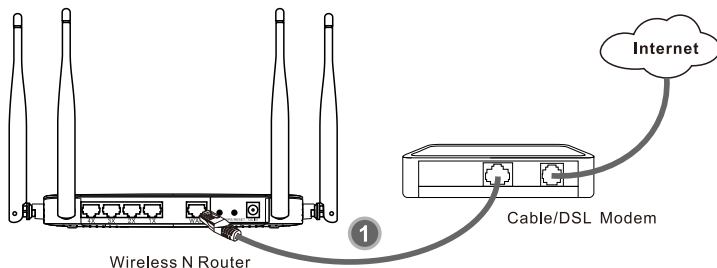
**300Mbps High Gain Wireless N Router**

# 1.Connecting the device

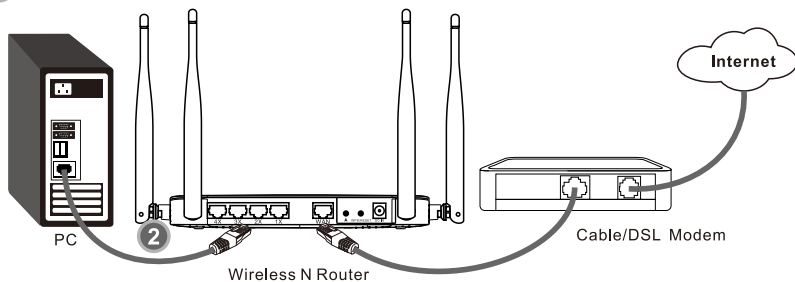


**Note: Please use wired network connections only to configure the Router.**

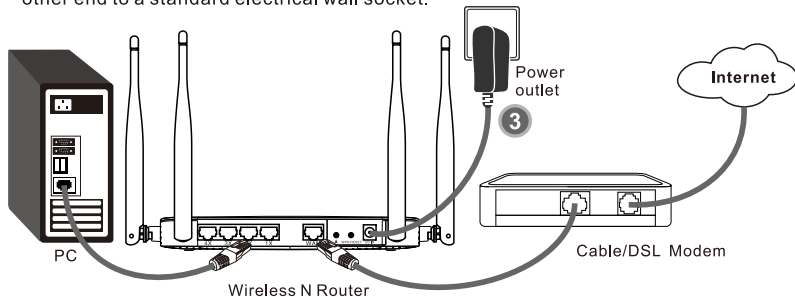
- 1 Connect the WAN port on your Router to the Modem's LAN port with an Ethernet cable. ( If there is no Modem, please use the incoming cable directly into the router's WAN port ) .



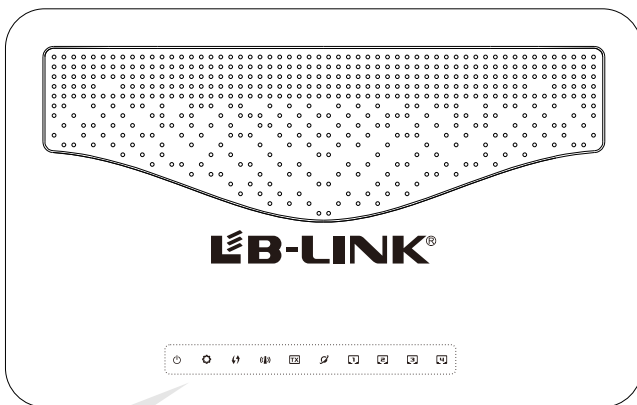
- 2 Connect your computer to the Port labeled 1~4 on the Router with an Ethernet cable.



- 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



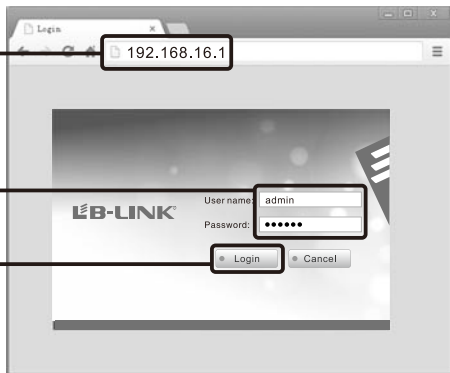
**Note:** First of all, please configure your computer's IP address to automatically obtain, if not clear, please refer to FAQ3.

### 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

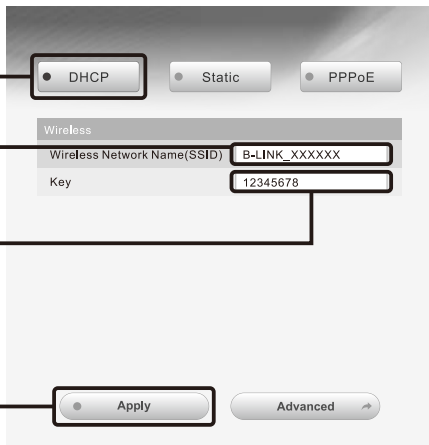
This page will then display

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 DHCP configuration interface. At the top, there are three radio buttons: 'DHCP' (selected), 'Static', and 'PPPoE'. Below this is a 'Wireless' section with two input fields: 'Wireless Network Name(SSID)' containing 'B-LINK\_XXXXXX' and 'Key' containing '12345678'. At the bottom, there are two buttons: 'Apply' and 'Advanced'.

## B Configuration for Static

This page will then display

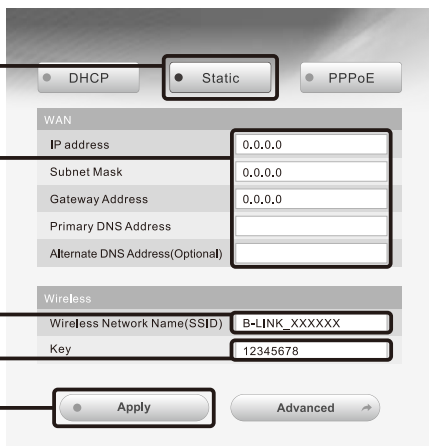
Select **Static**

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 Static configuration interface. At the top, there are three radio buttons: 'DHCP', 'Static' (selected), and 'PPPoE'. Below this is a 'WAN' section with five input fields: 'IP address' (0,0,0,0), 'Subnet Mask' (0,0,0,0), 'Gateway Address' (0,0,0,0), 'Primary DNS Address' (empty), and 'Alternate DNS Address(Optional)' (empty). Below the WAN section is a 'Wireless' section with two input fields: 'Wireless Network Name(SSID)' containing 'B-LINK\_XXXXXX' and 'Key' containing '12345678'. At the bottom, there are two buttons: 'Apply' and 'Advanced'.

## C Configuration for PPPoE

This page will then display

The screenshot shows a router configuration interface with the following elements:

- WAN Section:** Three radio buttons for connection type: DHCP, Static, and PPPoE. The PPPoE button is selected and highlighted with a box.
- WAN Fields:** Three input fields: Username (0.0.0.0), Password (0.0.0.0), and Service Name(Optional) (0.0.0.0). Each field is highlighted with a box.
- Wireless Section:** Two input fields: Wireless Network Name(SSID) (B-LINK\_XXXXXX) and Key (12345678). Each field is highlighted with a box.
- Buttons:** An 'Apply' button and an 'Advanced' button with a right-pointing arrow. The 'Apply' button is highlighted with a box.

Callout boxes on the left provide instructions:

- Select PPPoE** (points to the PPPoE radio button)
- Enter the Username and Password provided by your ISP.** (points to the Username and Password fields)
- Create a unique and easy-to-remember name for your wireless network. You can also keep default settings.** (points to the Wireless Network Name(SSID) field)
- Set up a wireless Key, the length is more than 8 characters.** (points to the Key field)
- Click Apply** (points to the Apply button)



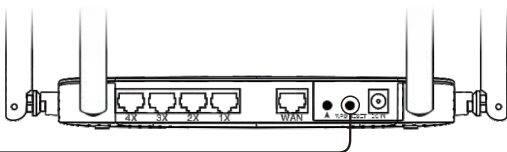
**Note:** The basic setting for your Router is completed. You will be able to access to the Internet, if not, please refer to the **troubleshooting**

## 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.

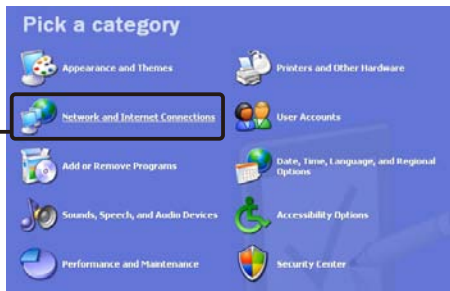


### FAQ3: How to configure the IP address of the computer?

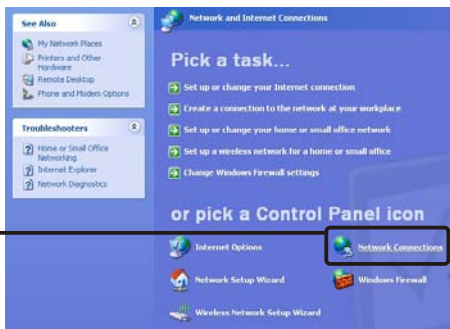
#### For Windows XP OS

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

Click **Network and Internet Connections**



## For Windows XP OS

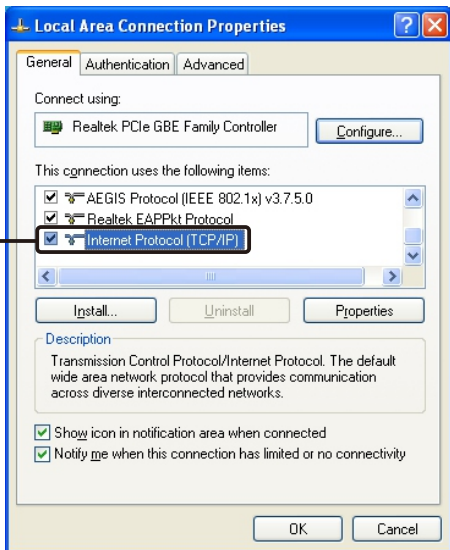


Click Network Connections



Right-click Local Area Connection

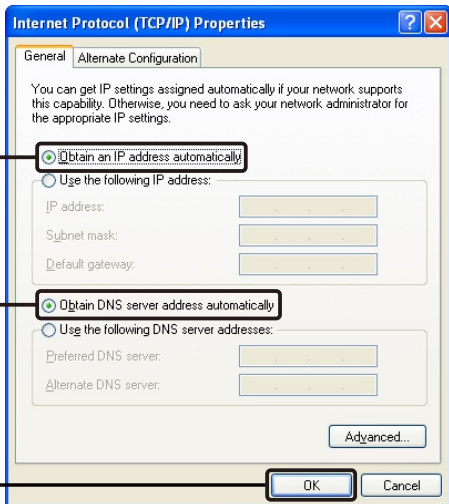
Click Properties



Double-click Internet Protocol (TCP/IP)



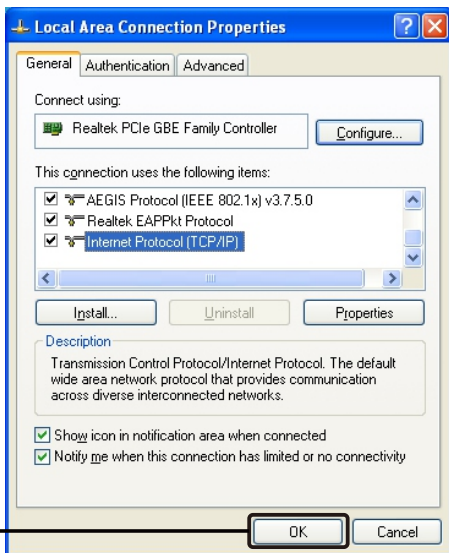
## For Windows XP OS



Select Obtain an IP address automatically

Select Obtain DNS server address automatically

Click OK

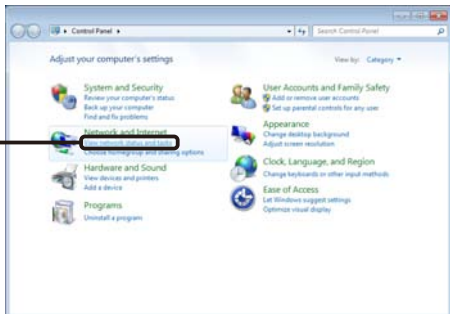


Click OK

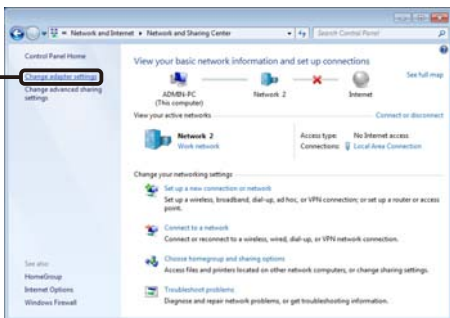
## For Windows 7 OS

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

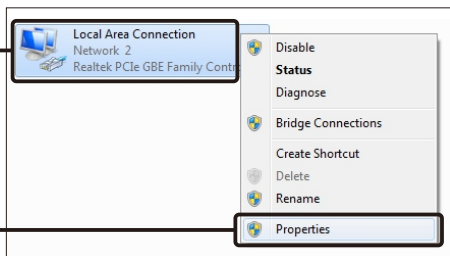
Click **View network status and tasks**



Click **Change adapter settings**

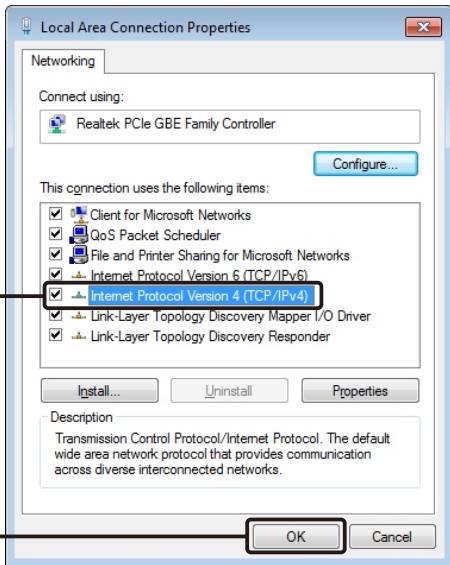


Right-click **Local Area Connection**



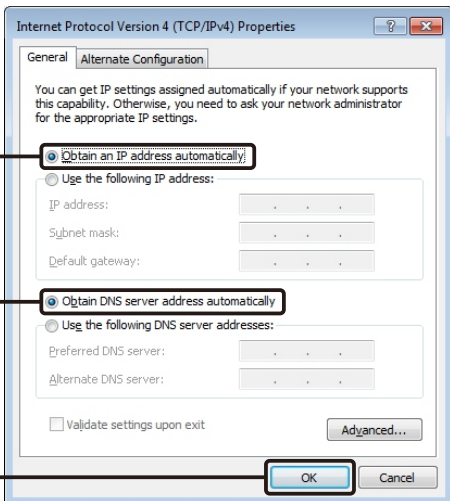
Click **Properties**

## For Windows 7 OS



Double-click **Internet Protocol Version 4 (TCP/IPv4)**

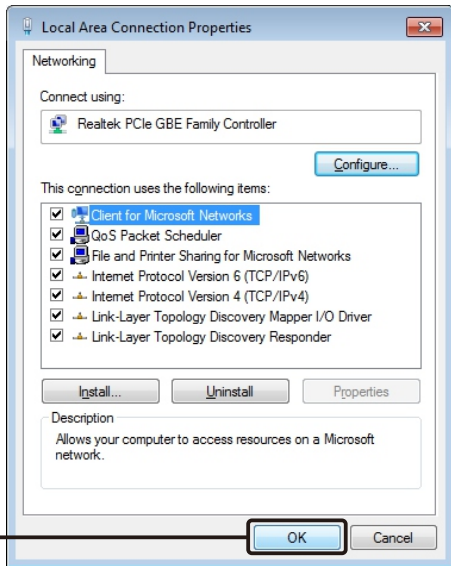
Click **OK**



Select **Obtain an IP address automatically**

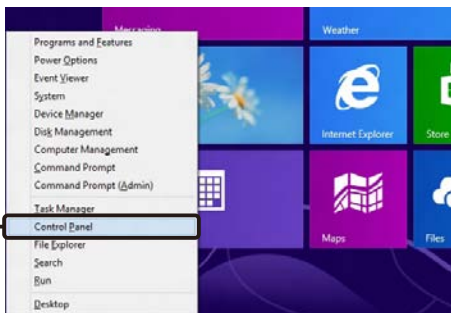
Select **Obtain DNS server address automatically**

Click **OK**

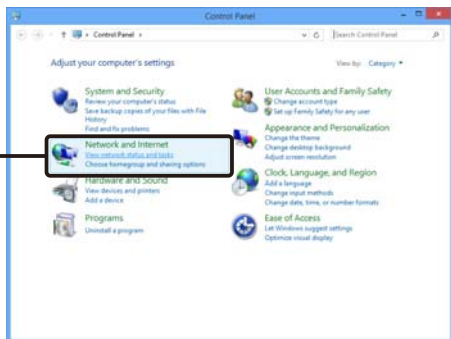


## For Windows 8 OS

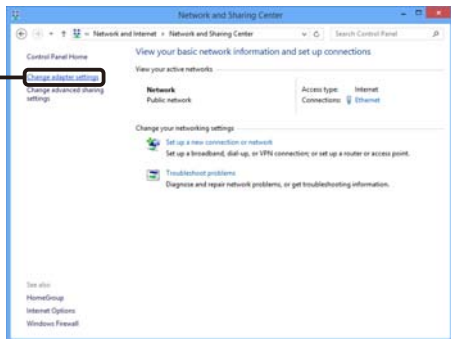
Press the Keyboard WIN() + X to pop up the menu on the Win8 Desktop, then **select Control Panel**



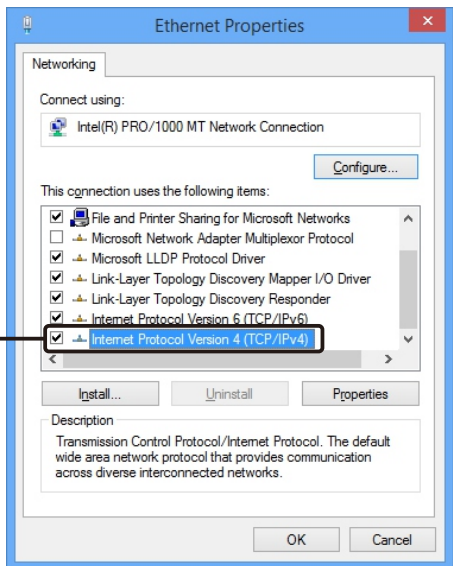
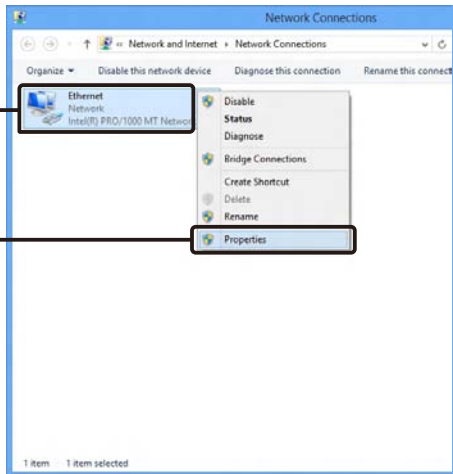
Click **View network status and tasks**



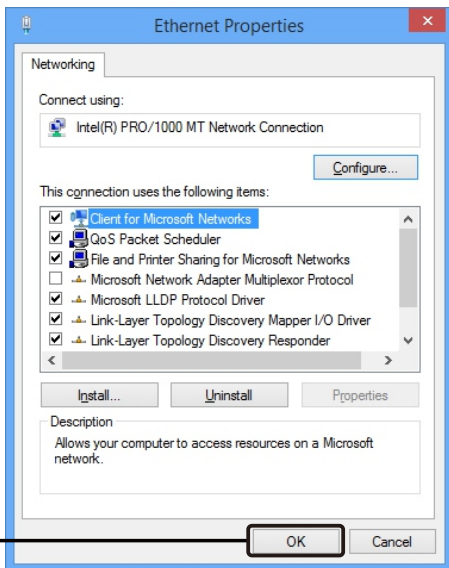
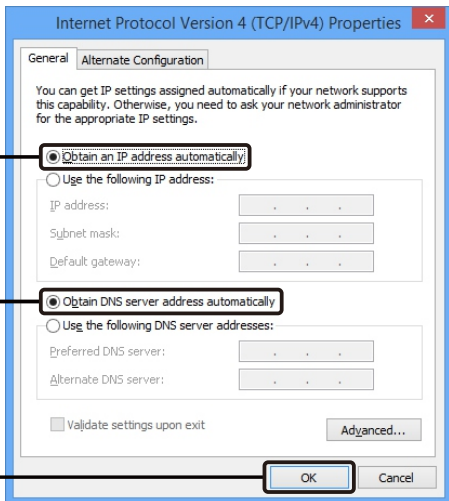
Click **Change adapter settings**



## For Windows 8 OS



## For Windows 8 OS



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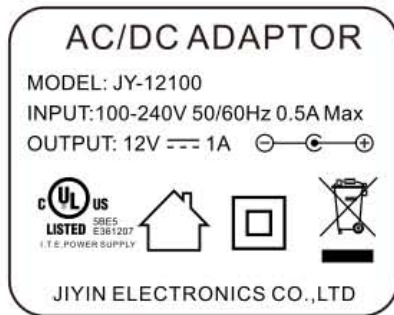
<http://www.lb-link.cn>

Ver 2.0



45 mm

72 mm



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.

**RF warning:**

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 & your body.

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.