EDIMAX
NETWORKING PEOPLE TOGETHER

EW-7288APC

User Manual

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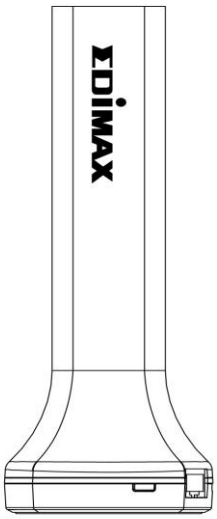
CONTENTS

I. Product Information

I-1. Package Contents

Before you start using this product, please check if there is anything missing in the package, and contact your dealer to claim the missing item(s):

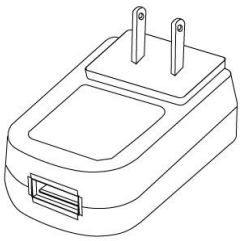


EW-7288APC

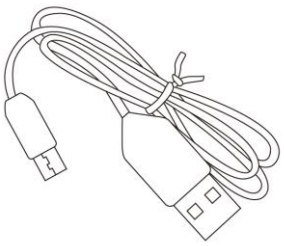
CD-ROM

Ethernet Cable

Quick Installation Guide



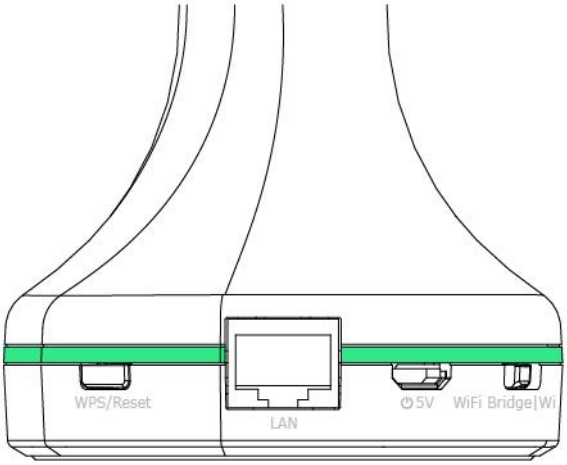
Power Adapter



USB Cable

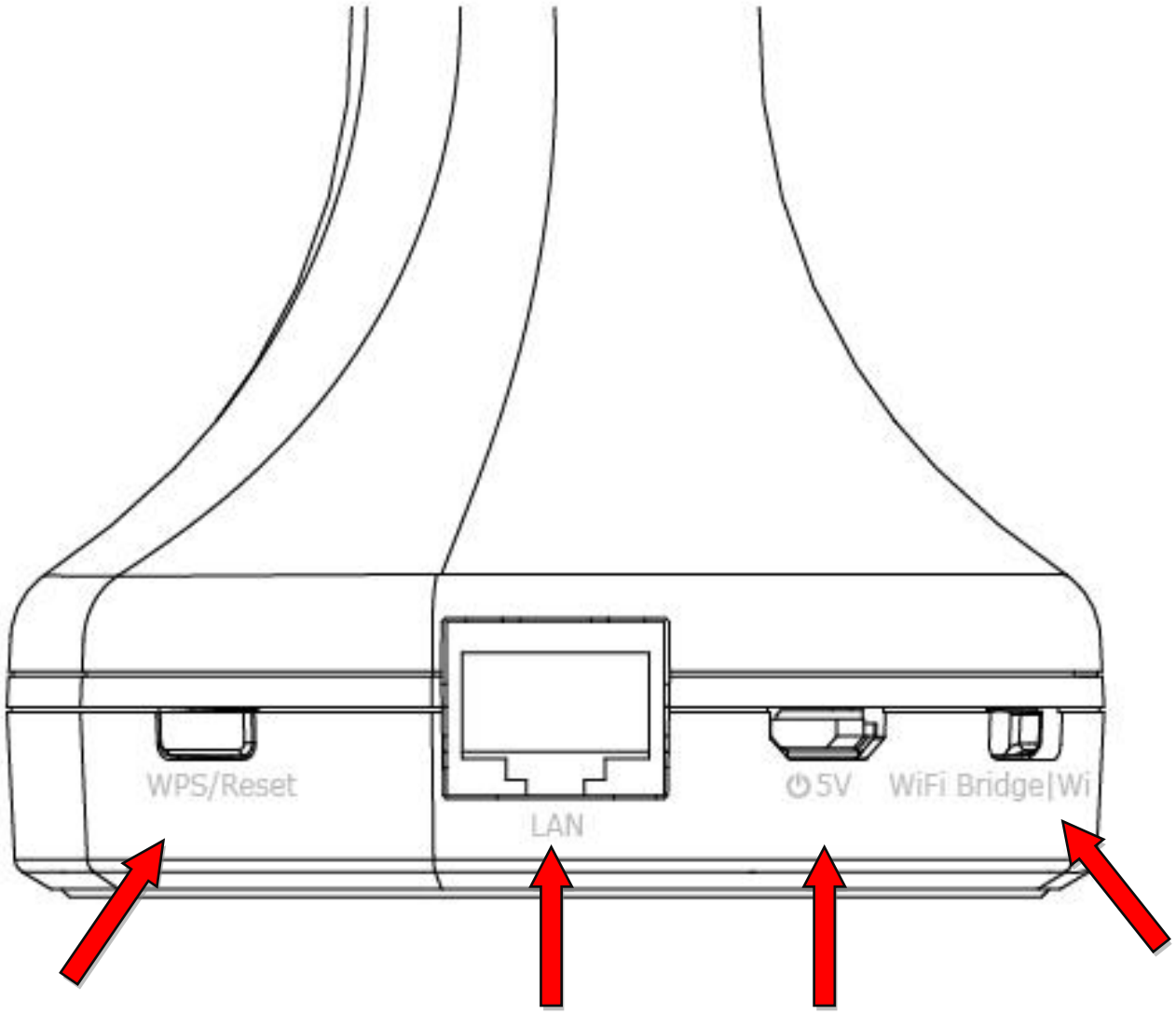
Access Key Card

I-2. LED Status



LED Color	LED Status	Description
White	On	EW-7288APC is powered on.
Purple	Flashing	EW-7288APC is booting up, resetting or upgrading firmware.
Red	On	WPS/Reset button has been pressed for 10 seconds and ready for reset to default.
	Flashing	Internet is disconnected.
Green	On	Wi-Fi is in standby mode or no data transmission.
Bright Green	On	EW-7288APC is ready after booting and Ethernet cable is connected or Wi-Fi is active and transmitting or receiving data.
Blue	On	Indicates a successful WPS connection (displays on for 5 minutes).
	Flashing	WPS in progress: waiting for connection.
Off	Off	EW-7288APC is off or in LED off mode.

I-3. Back Panel



WPS/Reset Button *LAN Port* *Power Port* *Mode Switch*

I-4. Safety Information

In order to ensure the safe operation of the device and its users, please read and act in accordance with the following safety instructions.

1. The device is designed for indoor use only; do not place it outdoors.

2. Do not place the device in or near hot/humid places, such as a kitchen or bathroom.

3. Do not pull any connected cable with force; carefully disconnect it from the EW-7288APC.

4. Handle the device with care. Accidental damage will void the warranty of the device.

5. The device contains small parts which are a danger to small children under 3 years old. Please keep the device out of reach of children.

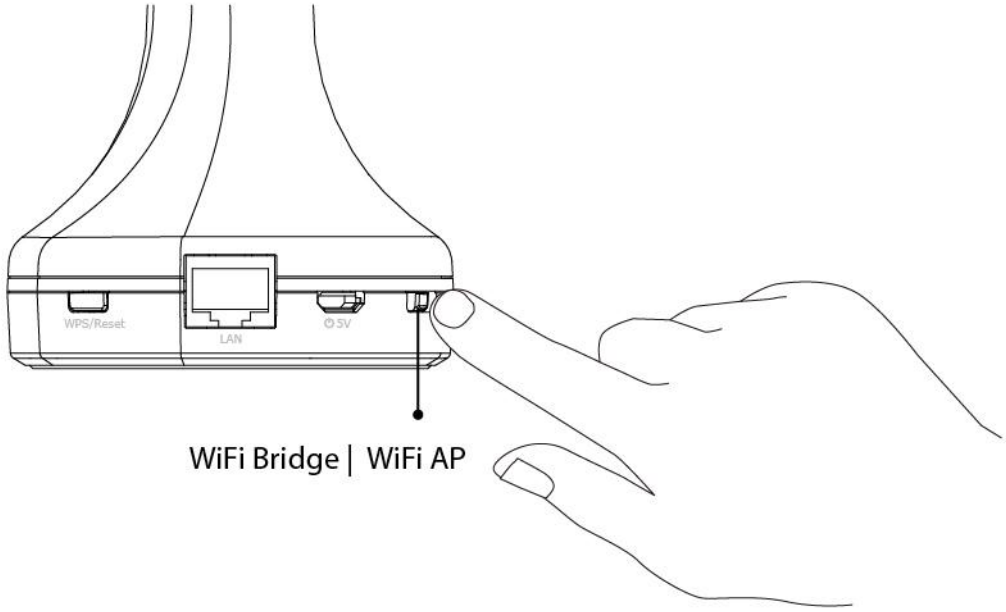
6. Do not place the device on paper, cloth, or other flammable materials. The device may become hot during use.

7. There are no user-serviceable parts inside the device. If you experience problems with the device, please contact your dealer of purchase and ask for help.

8. The device is an electrical device and as such, if it becomes wet for any reason, do not attempt to touch it without switching the power supply off. Contact an experienced electrical technician for further help.

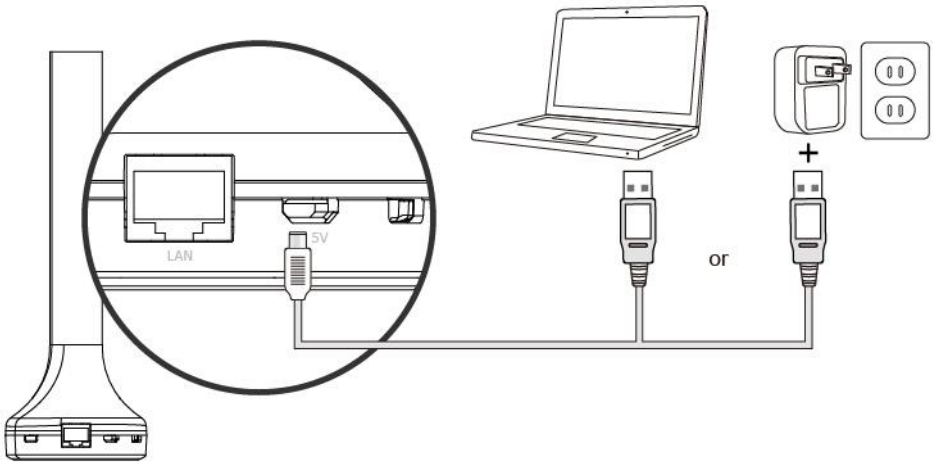
II. Installation

1. Use the slide switch on the base of the EW-7288APC to select access point mode or Wi-Fi bridge mode.



Access Point Mode	*The device connects to an existing router via Ethernet cable and provides 5GHz wireless Internet access for your network devices.*
Wi-Fi Bridge Mode	*The device connects to a network device for example: TV, gaming console, or media player via Ethernet cable and acts as a wireless receiver, allowing the network device to join your existing Wi-Fi network. The device also repeats the 5GHz wireless signal for extended range for other network devices.*

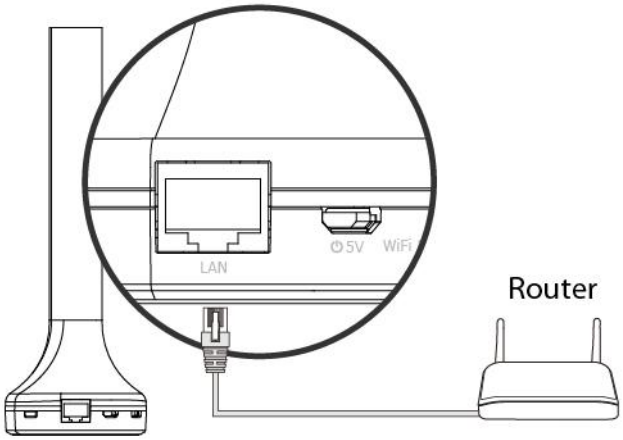
2. Plug in the EW-7288APC using either the included power adapter or USB cable.



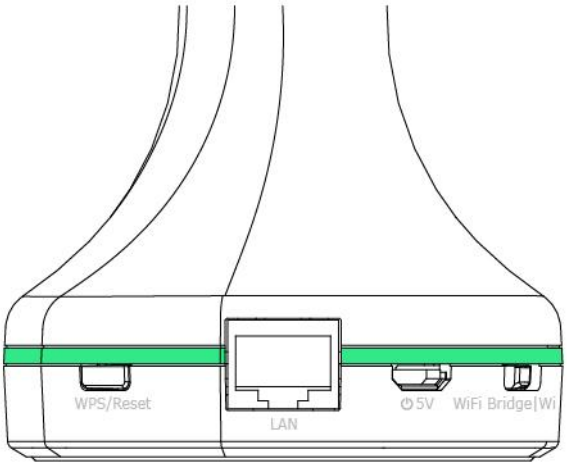
3. For access point mode, ensure the LED is **on** and flashing **red**. For Wi-Fi bridge mode, ensure the LED is **on** and **green**. Refer to the appropriate following chapter for more guidance on each mode.

II-1. Access Point Mode

1. Connect the EW-7288APC to your router using an Ethernet cable.



2. Ensure the LED is **on** and **bright green**.



3. Use a Wi-Fi device (e.g. computer, tablet, smartphone) to search for a Wi-Fi network with the SSID Edimax**-5GHz and connect to it.

Two characters of the SSID (Edimax**-5GHz) will be unique numbers according to your device e.g."*Edimaxc2-5GHz****". These unique numbers are the last two characters of the EW-7288APC's MAC address, which is displayed along with the full SSID on the label on the underside of the EW-7288APC and the included access key card.***

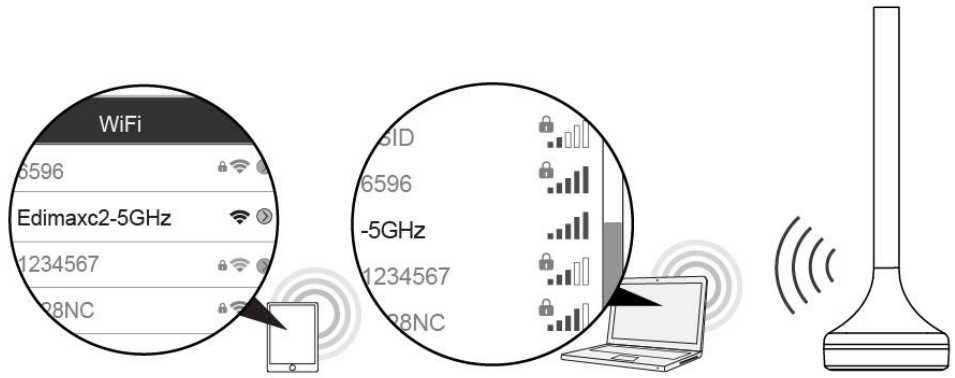
4. Enter the Wi-Fi password which is displayed on the label on the underside of the EW-7288APC (see above).

5. Once you are connected, you can browse the Internet as usual. Setup is complete.

To configure the EW-7288APC's settings e.g. change the SSID and password, go to** http://edimax**.setup **in a browser. Refer to** Browser Based Configuration Interface **in the following pages for more help. Two characters of the URL (edimax**.setup) will be unique numbers according to your device: these numbers are the last two characters of the EW-7288APC's MAC address, which is displayed along with the full URL on the label on the underside of the EW-7288APC and the included access key card.

II-2. Wi-Fi Bridge Mode

1. Use a Wi-Fi device (e.g. computer, tablet, smartphone) to search for a Wi-Fi network with the SSID "Edimax**-5GHz " and connect to it or connect the EW-7288APC to a computer using an Ethernet cable.



Two characters of the SSID (Edimax**-5GHz) will be unique numbers according to your device e.g."**Edimaxc2-5GHz**". These unique numbers are the last two characters of the EW-7288APC's MAC address, which is displayed along with the full SSID on the label on the underside of the EW-7288APC.

2. Enter the Wi-Fi password which is displayed on the label on the underside of the EW-7288APC (see above).

3. Open a web browser and enter the URL ***http://edimax**.setup*** , then you will arrive at the "Get Started" screen shown below, and click "Get Started" to begin the setup process.

***** are the last two characters of the EW-7288APC's MAC address. The MAC address and full URL are displayed on the label on the underside of the EW-7288APC and the included access key card. You can also use the device's default IP address*** *192.168.9.2*

4. Please read the on screen instructions about selecting a good location for your EW-7288APC and then click "NEXT" to continue. You can check your signal strength on the next page.

5. Select your 5GHz Wi-Fi network from the list and enter the security key/password. You can also enter a new Wi-Fi network name (SSID) if you wish. Click "Next" to continue.

Check the box *"Connect to a hidden network"* ***if you wish to connect to a hidden SSID and manually enter the details.***

Check the box** "Hide Extender SSID" **if you wish to keep the EW-7288APC's SSID hidden.

iQ Setup

Please connect this device to one of the following Wi-Fi networks.

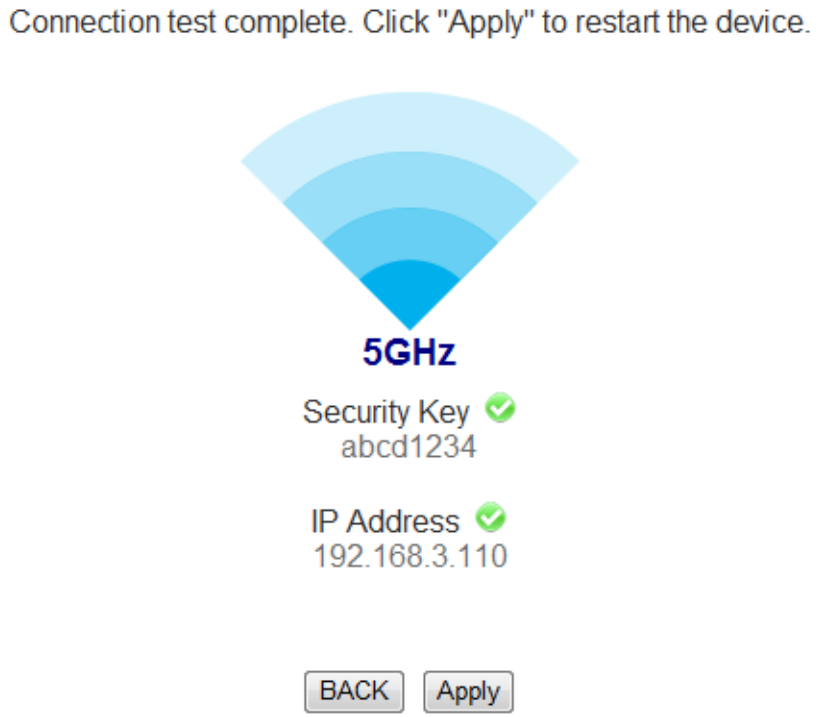
☐ Connect to a hidden network
☐ Hide Extender SSID

Select	SSID	Signal Strength
○	Edimax IP CAM_5G	100
○	EdimaxHQ_5G	100
○	OBM_68U_5G	100
◉	LTLin-5G	98
	Security Key (your existing network security key) abcd1234	
	Extender device SSID LTLin-5G_5EX	
○	5G testing	88
○	EdimaxHQ_5G	70
○	OBM_WAP1750_A	70
○	NEC_5G	56
○	OBM-Celeno-5G	52
○	MEETING_ROOM_6F_5G	40
○	EdimaxHQ_5G	36
○	5G-2	24
○	EdimaxHQ_5G	22
○	EdimaxHQ_5G	20
○	PA_Buffalo_5G	20

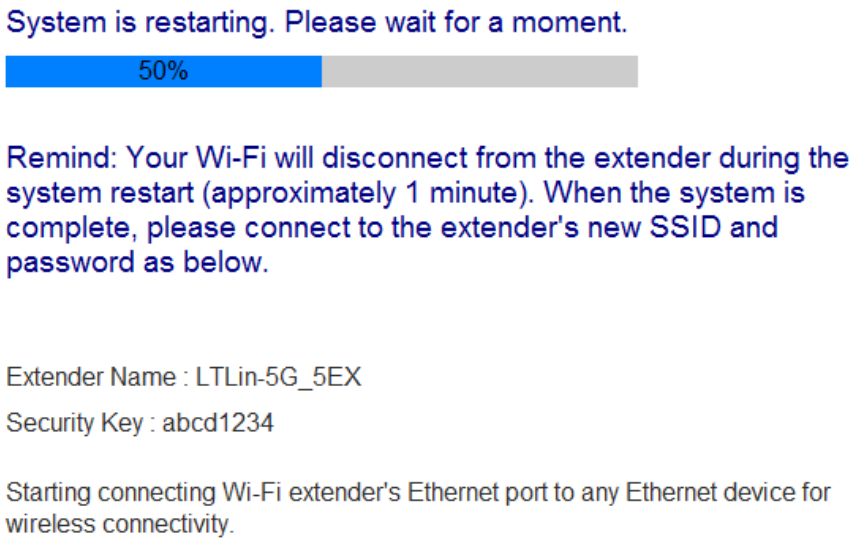
BACK Refresh NEXT

6. Please wait while the EW-7288APC tests the connection.

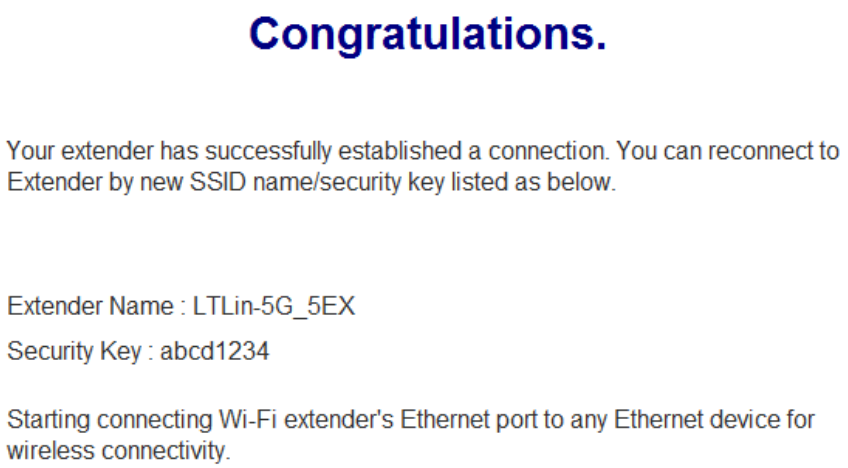
7. When the connection test is complete, click “Apply” to restart the extender.



8. Please wait a moment until the EW-7288ACP is ready.



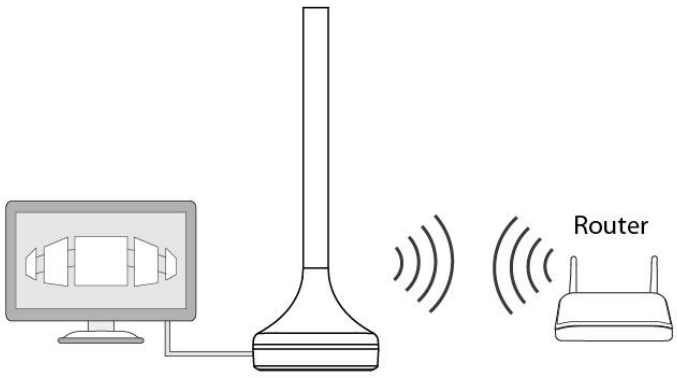
9. A final congratulations screen will indicate that setup is complete. The EW-7288APC is working and ready for use - the LED should display **on** and **bright green**.



10. Please close the browser window. You can now connect to the EW-7288APC's **new SSID** on a wireless device within range such as a computer, smartphone or tablet.

The password for your EW-7288APC's SSID is the same as for your router's SSID.

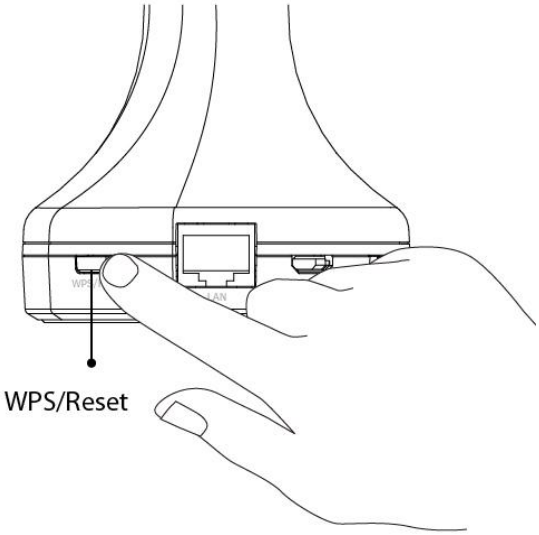
11. To use the EW-7288APC as a wireless bridge for a wired network device, simply connect the EW-7288APC to your network device's Ethernet port.



*For more advanced configurations, use the browser based configuration interface (refer to **III. Browser Based Configuration Interface)***

II-6. WPS Setup

In access point mode, if your wireless device/client supports WPS (Wi-Fi Protected Setup) then you can use this method to connect to the EW-7288APC's Wi-Fi network. In Wi-Fi bridge mode, you can use WPS to connect your EW-7288APC to your existing 5GHz Wi-Fi.



1. Press the **WPS button** on the EW-7288APC for 2 – 5 seconds to activate WPS. The LED will **flash blue** to indicate that WPS is active.

2. **Within two minutes**, press the WPS button on the **wireless device/client** (access point mode) or **wireless router/access point** (Wi-Fi bridge mode) to activate its WPS.

3. The devices will establish a connection. The LED will display **on** and **blue** to indicate a successful connection.

Please check the instructions for your wireless device for how long you need to hold down its WPS button to activate WPS.

II-7. Reset to Factory Default Settings

If you experience problems with your EW-7288APC, you can reset the device back to its factory settings. This resets **all** settings back to default.

1. Press and hold the WPS/Reset button found on the back panel for at least 10 seconds, until the LED displays **on** and **red**.

2. Release the button and the LED will display **white** and then **flash purple**.

3. Wait for the EW-7288APC to restart. The EW-7288APC is ready for setup when the LED is flashing **red** (no Ethernet cable connected in access point mode) or displays **on** and **green** (Ethernet cable connected in access point mode or in Wi-Fi bridge mode).

III. Browser Based Configuration Interface

III-1. Login

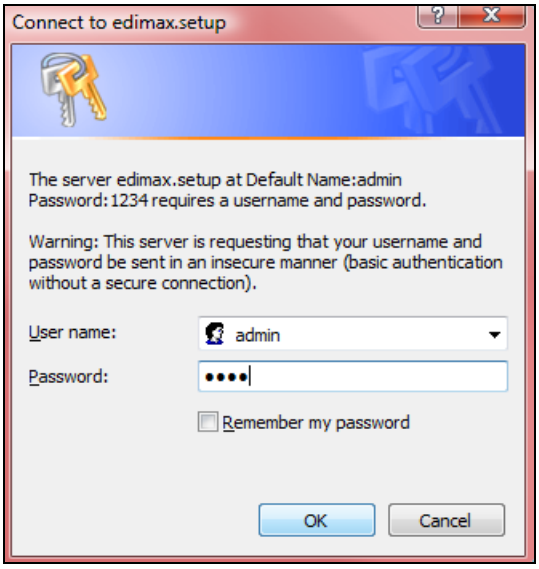
After setup you can access the browser based configuration interface to configure or change the settings of the EW-7288APC.

Enter ***http://edimax**.setup*** into the URL bar of a web browser on a network device which is connected to the EW-7288APC.

***** are the last two characters of the EW-7288APC's MAC address. The MAC address and full URL are displayed on the label on the bottom of the EW-7288APC and the included access key card.***

If you can not access edimax**.setup, connect the EW-7288APC to a computer using an Ethernet cable and try again.

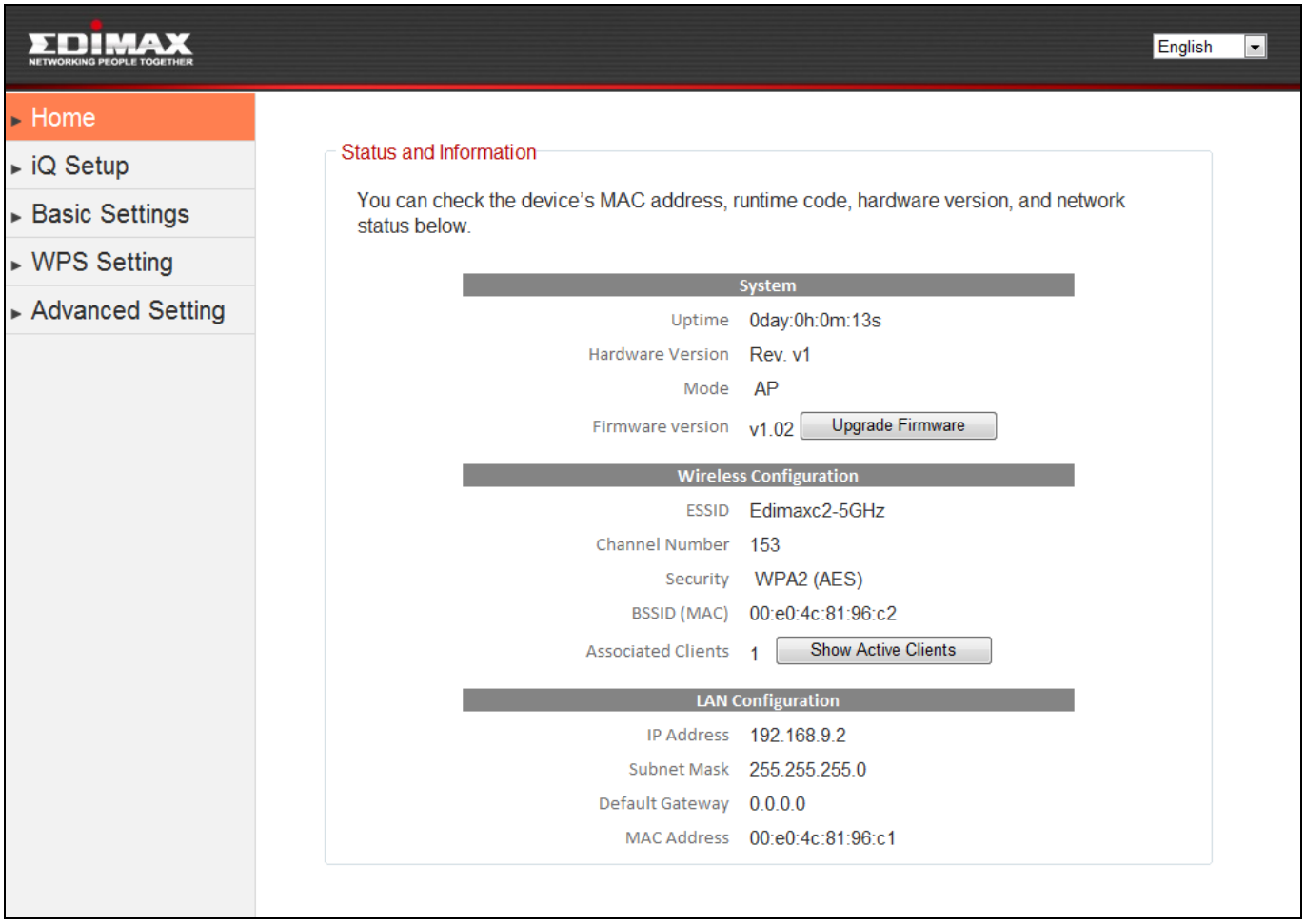
You will be prompted for a username and password. The default username is "**admin**" and the default password is "**1234**".



You can access the browser based configuration interface using the device's IP address instead of using the URL *http://edimax**.setup.*

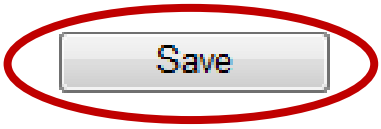
You will arrive at the “Status and Information” screen. Use the menu down the left side to navigate.

Screenshots displayed are examples.The information shown on your screen will vary depending on your configuration.



III-2. Save Settings

1. After you configure any settings, click the “Save” button at the bottom of the screen to save your changes.



The device needs to restart in order to bring any changes into effect.

2. Then, click “click here to restart” in order to restart the device and bring the changes into effect.

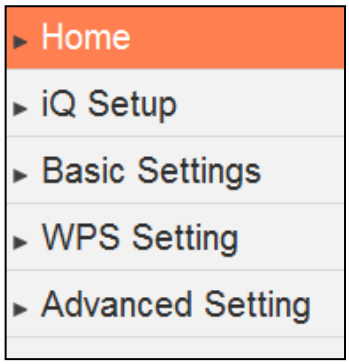
3. To make several changes at once, use the “Save” button after each change and then click “click here to restart” after your final change. Only one restart is necessary as long as each change is saved with the “Save Settings” button.

After you click “click here to restart”, all saved changes will come into effect.

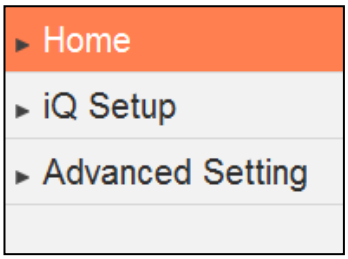
III-3. Main Menu

The main menu displays different options depending on your device's operating mode.

Access Point



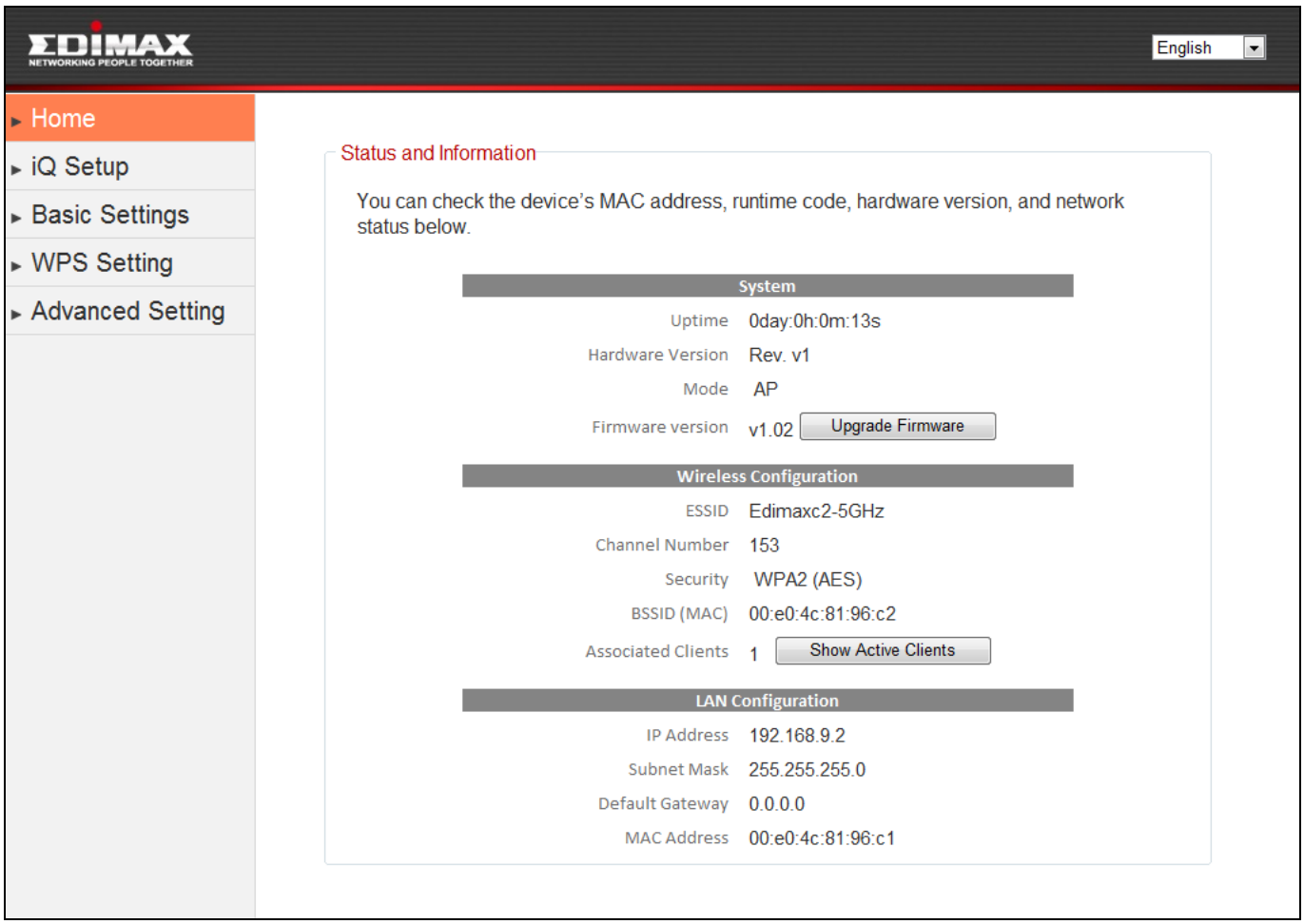
Wi-Fi Bridge



III-3-1. Home

The “Status and Information” page displays basic system information about the device, arranged into categories.

Screenshots displayed are examples.The information shown on your screen will vary depending on your configuration.



III-3-2. iQ Setup

You can run the iQ Setup wizard to configure the basic settings of the EW-7288APC. Refer to the appropriate instructions below for each mode if you need help.

Access Point Mode

In access point mode, iQ Setup provides a quick way to configure your EW-7288APC's IP address as well as SSID & password.

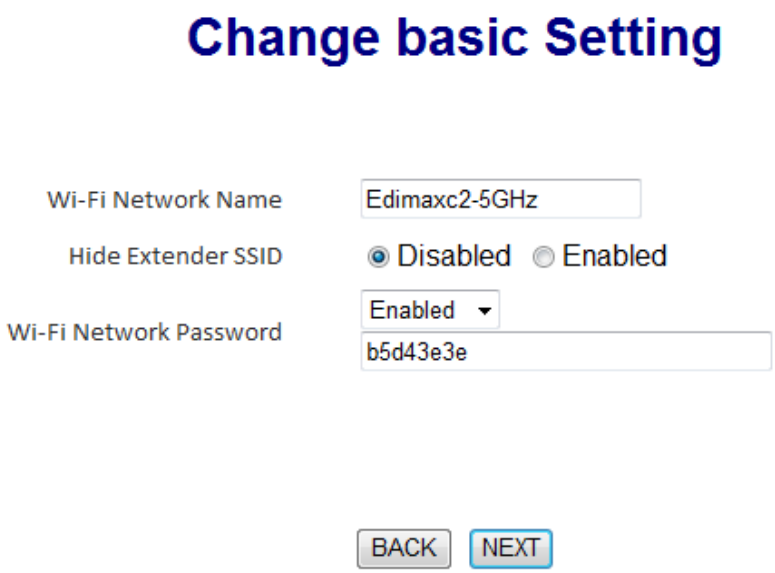
1. Select "Obtain an IP address automatically" or "Use the following IP address" for your EW-7288APC. If you are using a static IP, enter the IP address, subnet mask and default gateway. Click "NEXT" to proceed to the next step.

"Obtain an IP address automatically" is the recommended setting for most users. For more guidance on static IP addresses, please refer to IV-1. Configuring your IP address.

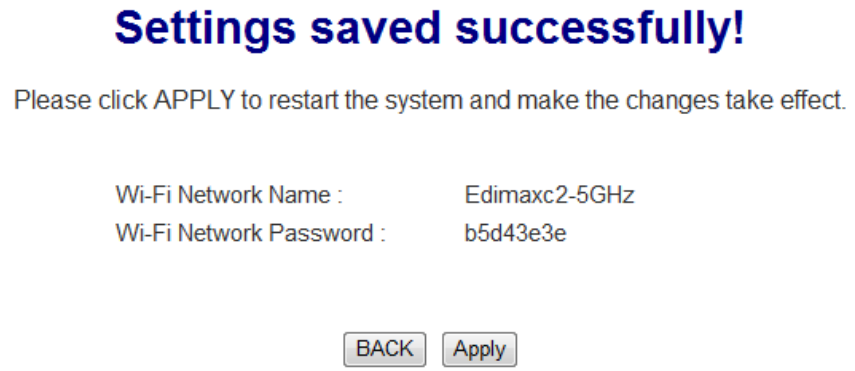
2. Enter a new SSID/Wi-Fi network name & password for your EW-7288APC if you wish, and choose to enable or disable a hidden SSID, then click "NEXT".

A hidden SSID will not be visible to your Wi-Fi devices and must be entered manually in order to connect.

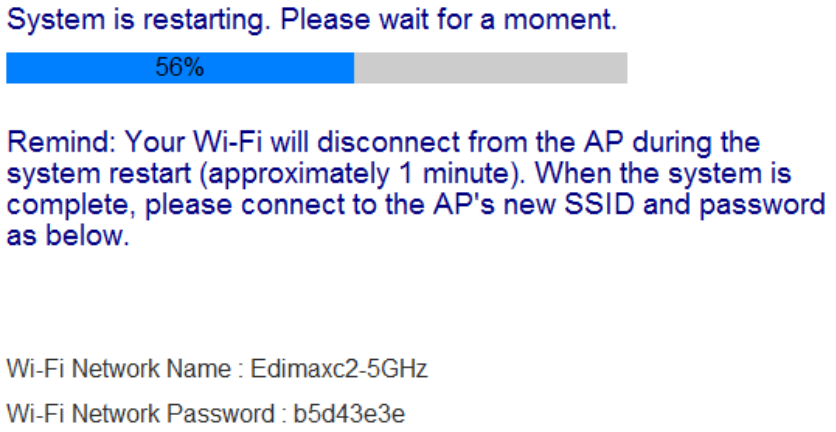
It is not recommended to disable your Wi-Fi password.



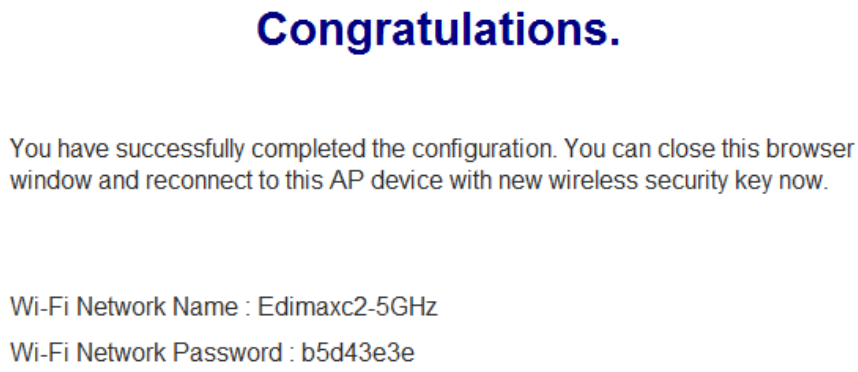
3. Check that the settings are correct and click “Apply” to continue.



4. Please wait a moment until the EW-7288APC is ready.

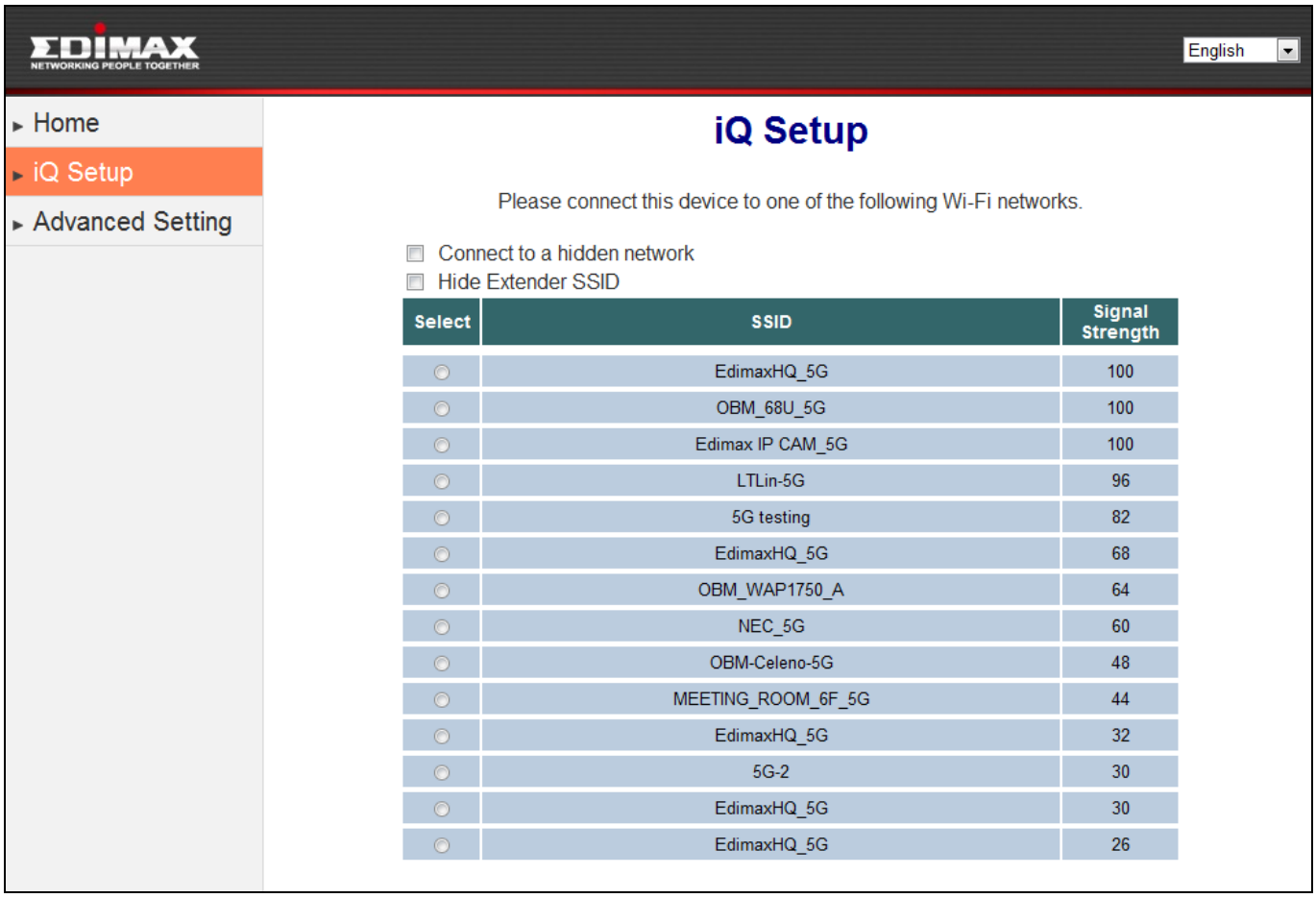


5. A final congratulations screen will indicate that setup is complete. You can now connect to the device's new SSID which is displayed on the screen, and close the browser window.



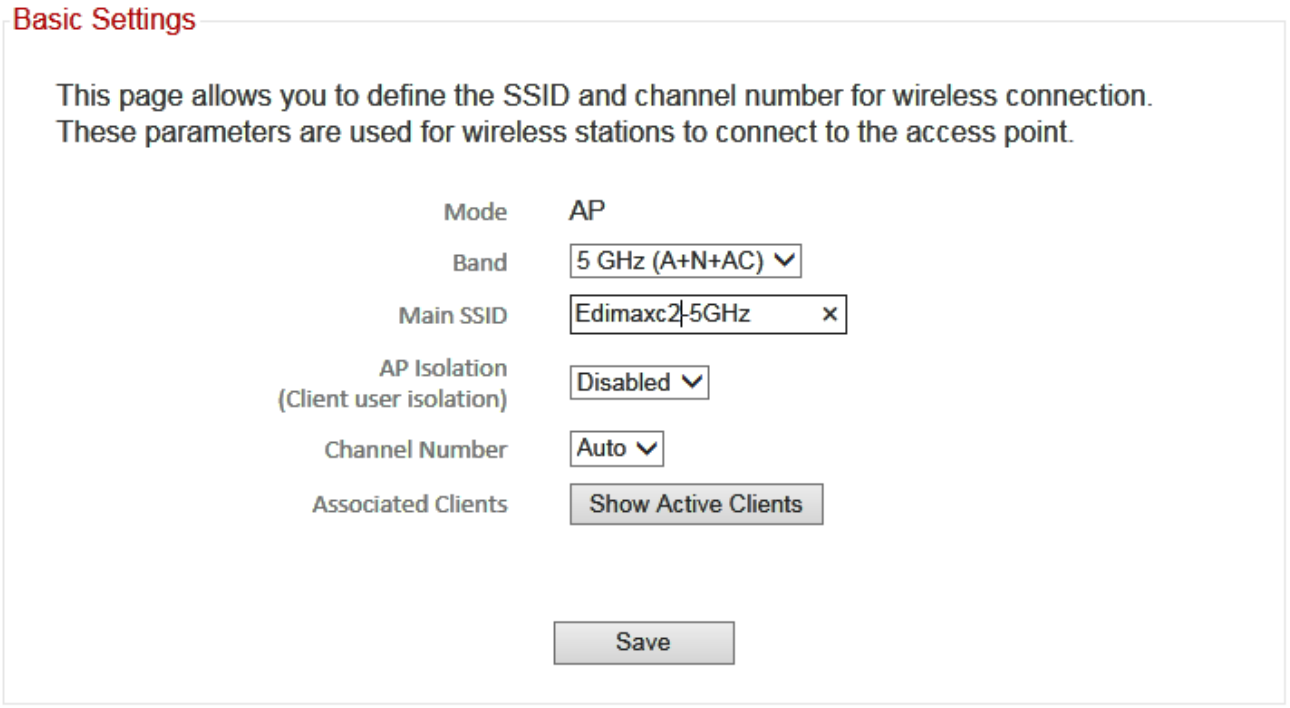
Wi-Fi Bridge Mode

In Wi-Fi bridge mode, iQ Setup here is the same as the initial setup wizard. Please refer back to ***II-2. Wi-Fi Bridge Mode Step 5*** onwards.



III-3-3. Basic Settings

The “Basic Settings” screen displays settings for your primary 5GHz Wi-Fi network.

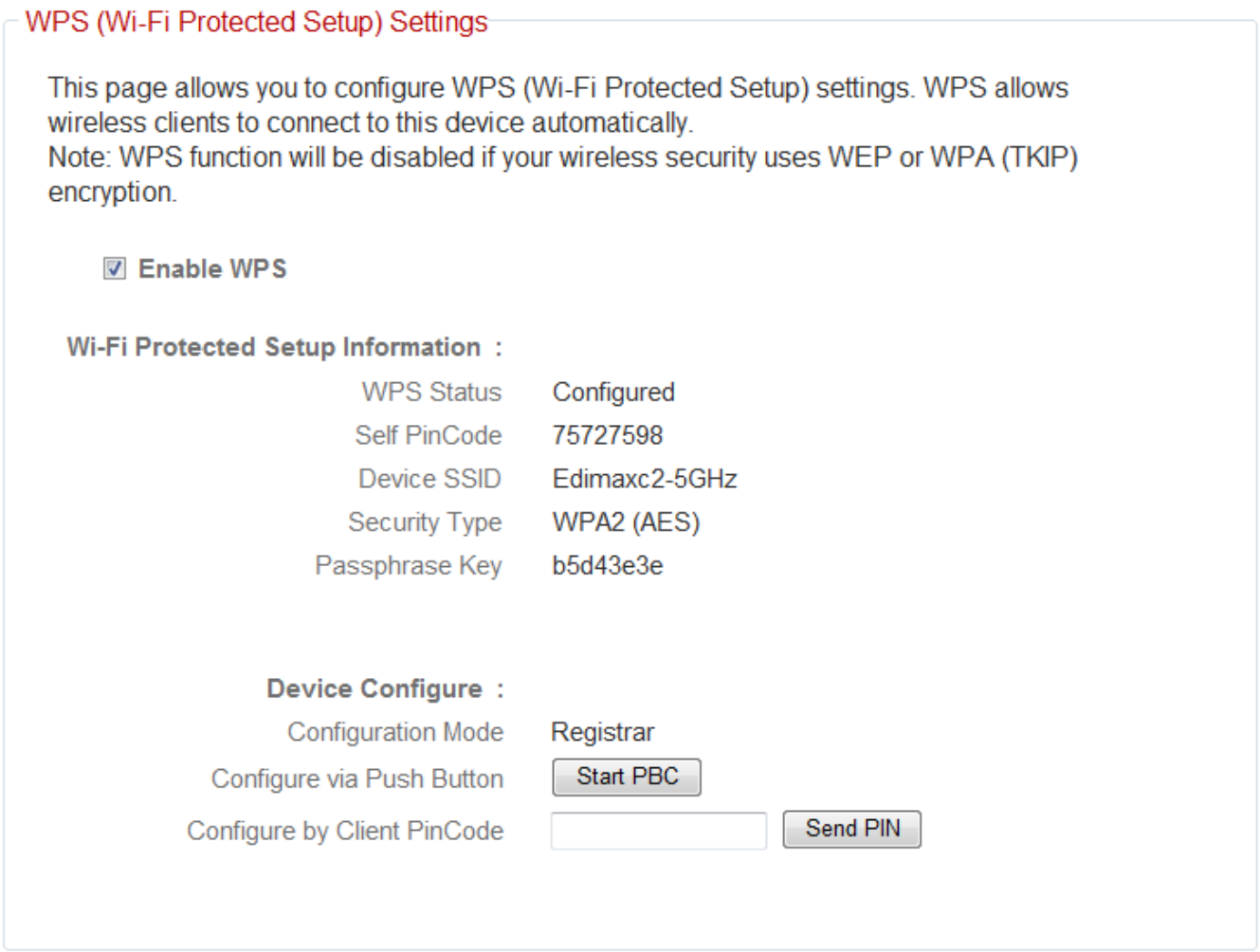


Mode	Displays the device’s mode: “AP”
Band	Select the wireless standard used for the EW-7288APC’s 5GHz Wi-Fi. “(A+N+AC)” means that 802.11a, 802.11n, and 802.11ac wireless clients can connect to the EW-7288APC.
Main SSID	This is the name of your Wi-Fi network for identification, also sometimes referred to as “SSID”. The SSID can consist of any combination of up to 32 alphanumerical characters.
AP Isolation	Enable or disable AP isolation. This prevents wireless clients connected to the EW-7288APC from communicating with each other and improves security. Typically, this function is useful for corporate environments or public hot spots and can prevent brute force attacks on clients’ usernames and passwords.

Channel Number	Select a wireless radio channel or use the default “Auto” setting from the drop-down menu.
Wireless Clients	Click “Show Active Clients” to display a new window showing information about wireless clients. Please disable any pop-up blockers if you have difficulty using this function.

III-3-4. WPS Setting

Wi-Fi Protected Setup is a simple way to establish connections between WPS compatible devices. WPS can be activated on compatible devices by pushing a WPS button on the device or from within the device's firmware/configuration interface. When WPS is activated in the correct manner and at the correct time for two compatible devices, they will automatically connect. PIN code WPS includes the use of a PIN code between the two devices for verification.



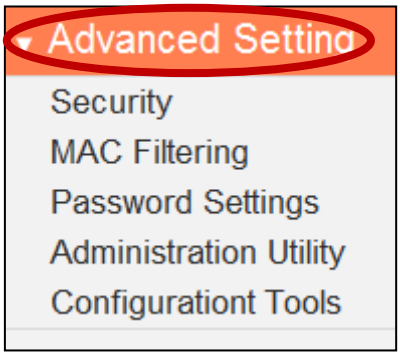
Enable WPS	Check/uncheck this box to enable/disable WPS.
WPS Status	Displays "Configured" or "unConfigured" depending on whether WPS and SSID/security settings for the device have been configured or not, either manually or using the WPS button.
Self PIN Code	Displays the WPS PIN code of the device.

Device SSID	Displays the SSID of the EW-7288APC.
Security Type	Displays the wireless security authentication mode of the device.
Passphrase Key	Displays the wireless security authentication key.
Configuration Mode	The configuration mode of the device's WPS setting is displayed here. "Registrar" means the device acts as an access point for a wireless client to connect to and the wireless client(s) will follow the device's wireless settings.
Configure via Push Button	Click "Start PBC" (Push-Button Configuration) to activate WPS on the access point. WPS will be active for 2 minutes.
Configure via Client PIN Code	Enter the wireless client's PIN code here and click "Start PIN" to activate PIN code WPS. Refer to your wireless client's documentation if you are unsure of its PIN code.

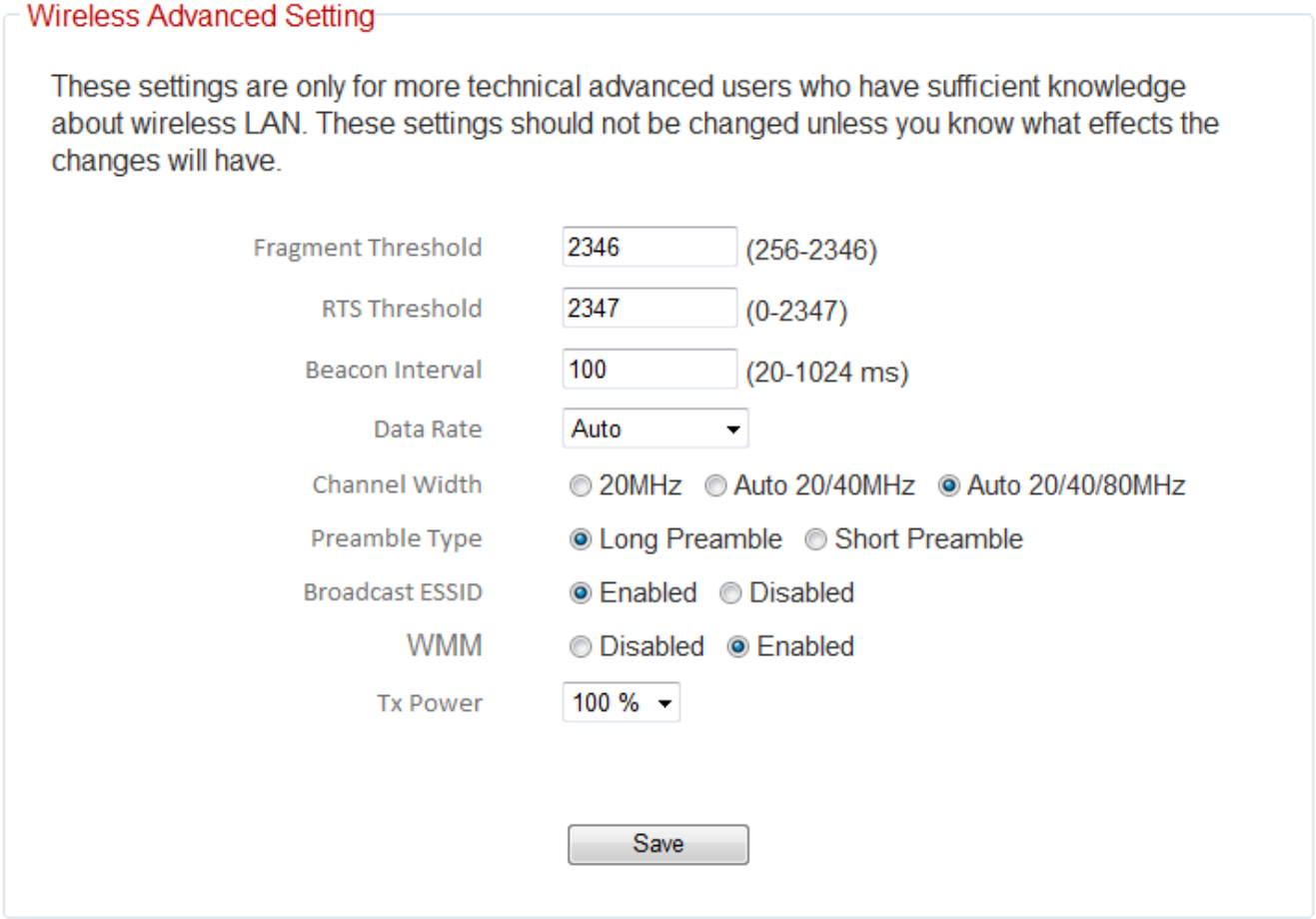
III-3-5. Advanced Setting

The "Advanced Setting" menu varies according to operating mode.

Access Point Mode:



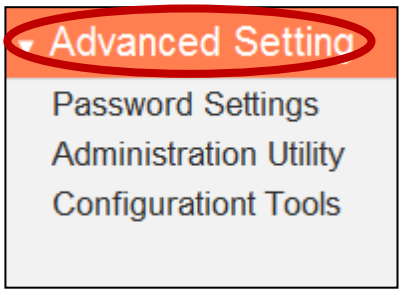
The "Advanced Settings" screen allows you configure technical settings. These settings are for experienced users only, please do not change any of the values on this page unless you are already familiar with these functions. Other advanced features of your EW-7288APC can be configured from the submenu, such as wireless security and MAC filtering.



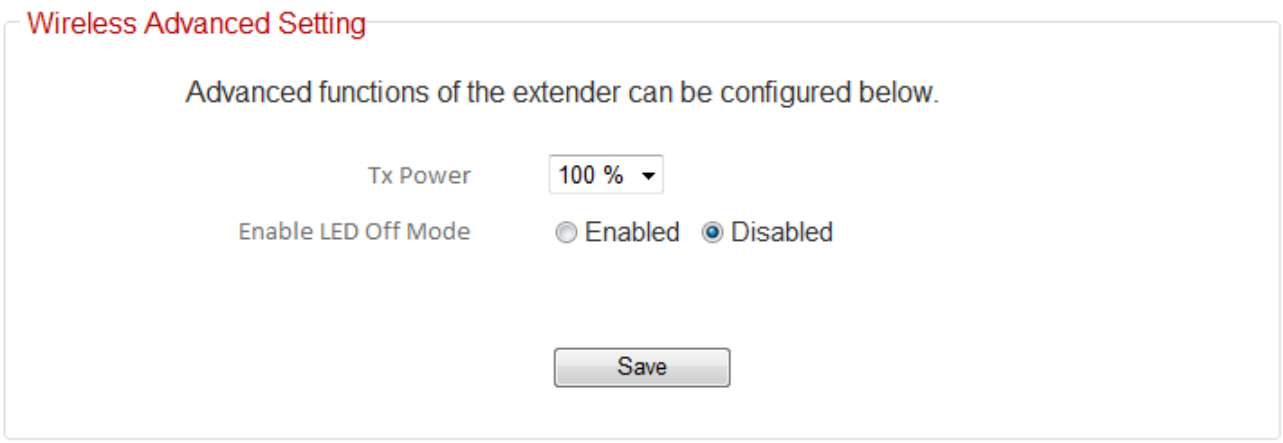
Fragment Threshold	Set the Fragment threshold of the wireless radio. The default value is 2346.
RTS Threshold	Set the RTS threshold of the wireless radio. The default value is 2347.

Beacon Interval	Set the beacon interval of the wireless radio. The default value is 100.
Data Rate	Set the wireless data transfer rate. The default is set to Auto.
Channel Width	Select wireless channel width (bandwidth used by wireless signals from the device) – the recommended value is 20/40/80MHz.
Preamble Type	Set the wireless radio preamble type. The default value is “Long Preamble”.
Broadcast SSID	Enable or disable to broadcast SSID or not.
WMM	WMM (Wi-Fi Multimedia) technology can improve the performance of certain network applications, such as audio/video streaming, network telephony (VoIP) and others. When WMM is enabled, the device will prioritize different kinds of data and give higher priority to applications which require instant responses for better performance.
Tx Power	Set the power output of the wireless radio. You may not require 100% output power. Setting a lower power output can enhance security since potentially malicious/unknown users in distant areas will not be able to access your signal.

Wi-Fi Bridge Mode:



The “Advanced Settings” page allows you to adjust the power output and LED operation of the EW-7288APC. The submenu options listed under “Advanced Settings” allow you to configure password and administrative IP functions, as well as restart/restore and upgrade firmware.



Tx Power	Set the power output of the wireless radio. You may not require 100% output power. Setting a lower power output can enhance security since potentially malicious/unknown users in distant areas will not be able to access your signal.
Enable LED Off Mode	Enable or disable the EW-7288APC's LED.

III-3-5-1. Security

The EW-7288APC provides various security options (wireless data encryption). When data is encrypted, information transmitted wirelessly cannot be read by anyone who does not know the correct encryption key.

Select an encryption type from the drop-down menu:

"WPA Pre-shared Key" is the recommended and most secure encryption type.

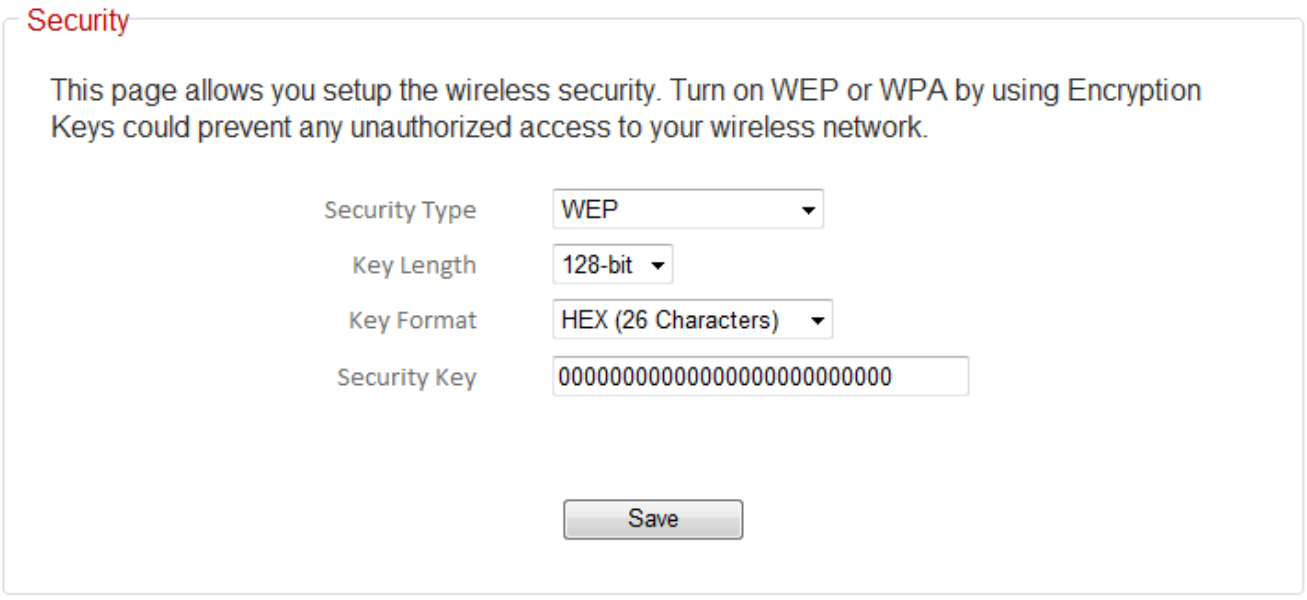
III-3-5-1-1. Disable

Encryption is disabled and no password/key is required to connect to the EW-7288AP.

Disabling wireless encryption is not recommended. When disabled, anybody within range can connect to your device's SSID.

III-3-5-1-2. WEP

WEP (Wired Equivalent Privacy) is a basic encryption type. For a higher level of security consider using WPA encryption.

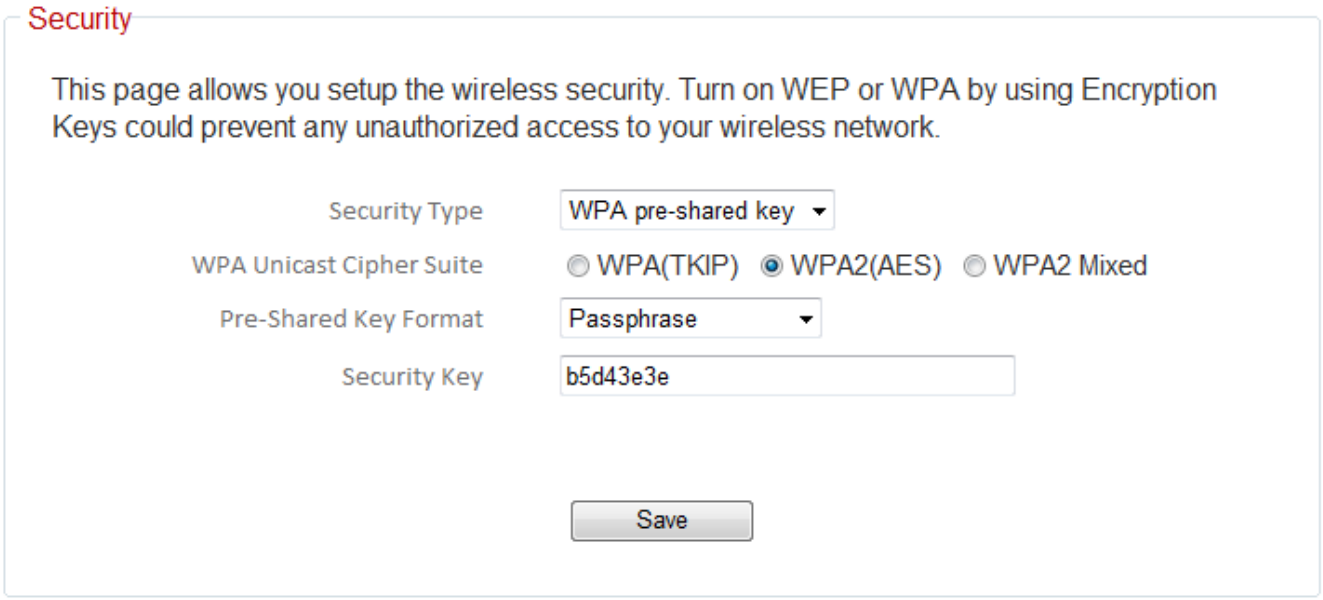


Key Length	Select 64-bit or 128-bit. 128-bit is more secure than 64-bit.
Key Format	Choose from "ASCII" (any alphanumerical character 0-9, a-z and A-Z) or "Hex" (any characters from 0-9, a-f and A-F).
Security Key	Enter your encryption key/password according

	to the format you selected above. A complex, hard-to-guess key is recommended. Check the “Hide” box to hide your password from being displayed on-screen.

III-3-5-1-3. WPA Pre-Shared Key

WPA pre-shared key is the recommended and most secure encryption type.



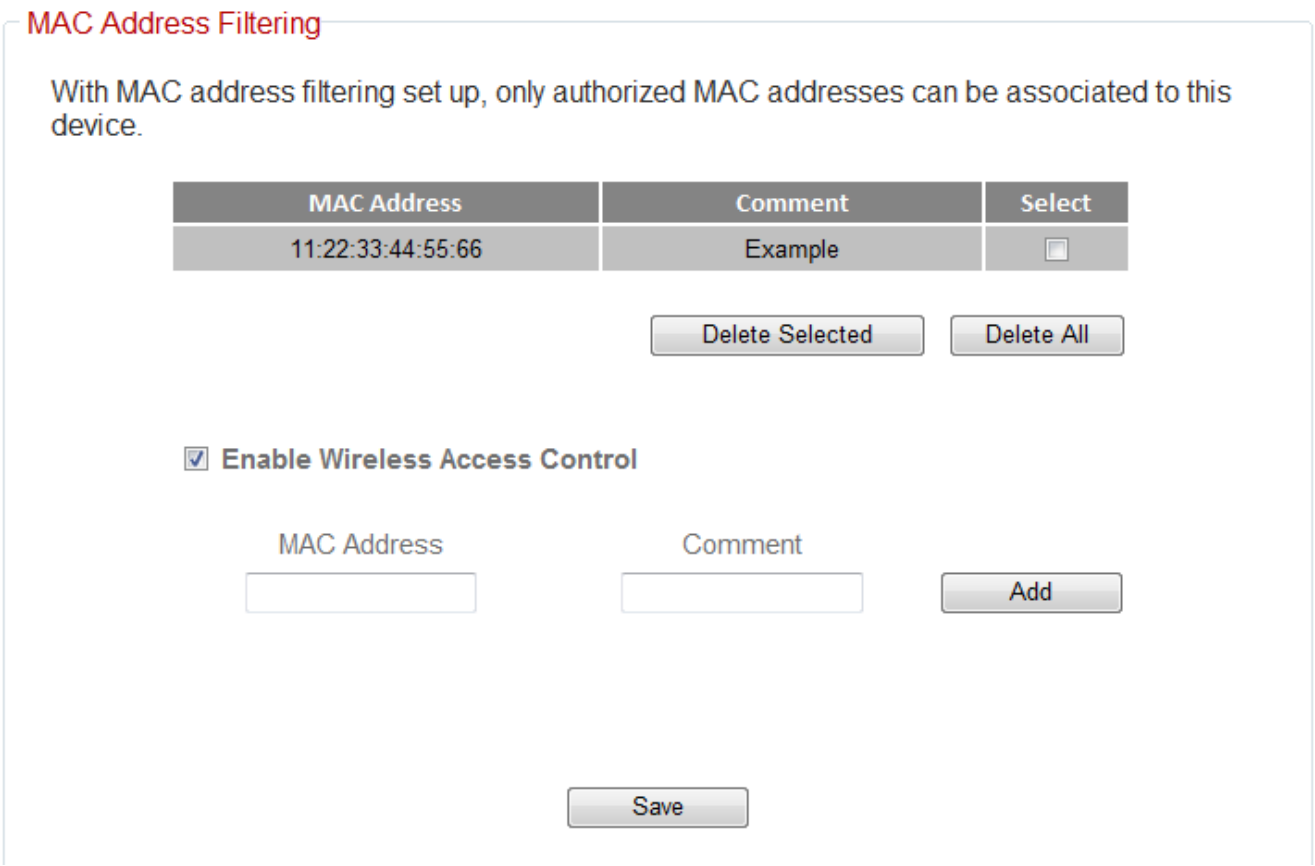
WPA Unicast Cipher Suite	Select from WPA (TKIP), WPA2 (AES) or WPA2 Mixed. WPA2 (AES) is safer than WPA (TKIP), but not supported by all wireless clients. Please make sure your wireless client supports your selection. WPA2 (AES) is recommended followed by WPA2 Mixed if your client does not support WPA2 (AES).
Pre-shared Key Format	Choose from “Passphrase” (8-63 alphanumeric characters) or “Hex” (up to 64 characters from 0-9, a-f and A-F).
Security Key	Please enter a key according to the format you selected above. A complex, hard-to-guess key is recommended. Check the “Hide” box to hide your password from being displayed on-screen.

III-3-5-2. MAC Filtering

MAC filtering is a security feature that can help to prevent unauthorized users from connecting to your wireless router.

This function allows you to define a list of network devices permitted to connect to the EW-7288APC. Devices are each identified by their unique MAC address. If a device which is not on the list of permitted MAC addresses attempts to connect to the EW-7288APC, it will be denied.

To enable this function, check the box labeled “Enable Wireless Access Control”.



MAC address entries will be listed in the “MAC Address Filtering Table”. Select an entry using the “Select” checkbox.

MAC Address	Authorized MAC addresses are listed here.
Comment	Comments associated with each MAC address are listed here.
Delete Selected	Delete the selected MAC address from the list.

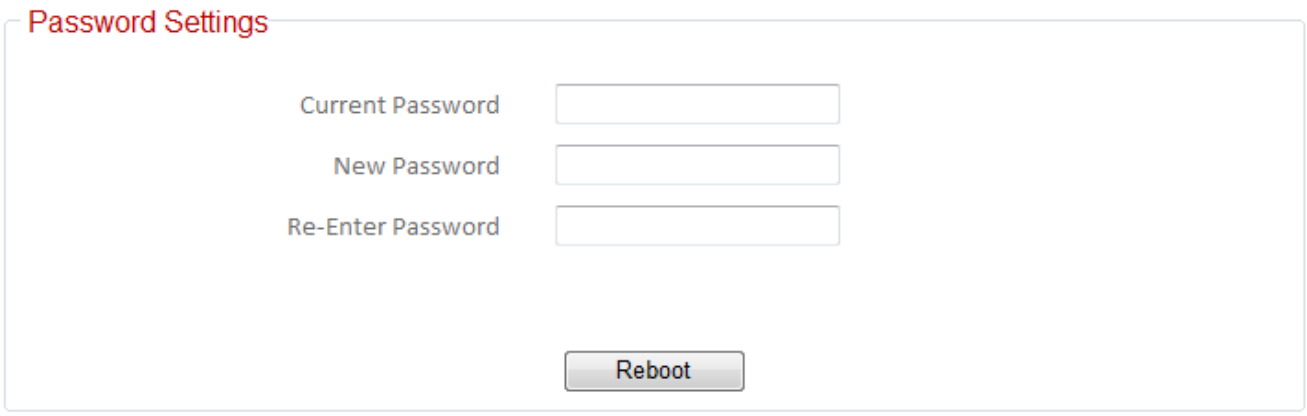
Delete All	Delete all entries from the MAC address filtering table.

MAC address	Enter a MAC address of computer or network device manually without dashes or colons e.g. for MAC address ‘aa-bb-cc-dd-ee-ff’ enter ‘aabbccddeeff’.
Comment	Enter a comment for reference/identification consisting of up to 16 alphanumerical characters.
Add	Click “Add” to add the MAC address to the MAC address filtering table.

III-3-5-3. Password Settings

You can change the password used to login to the browser-based configuration interface here. It is advised to do so for security purposes.

Please make a note of the new password. In the event that you forget the password and are unable to login to the browser based configuration interface, see II-7. Reset to factory default settings for how to reset the device.

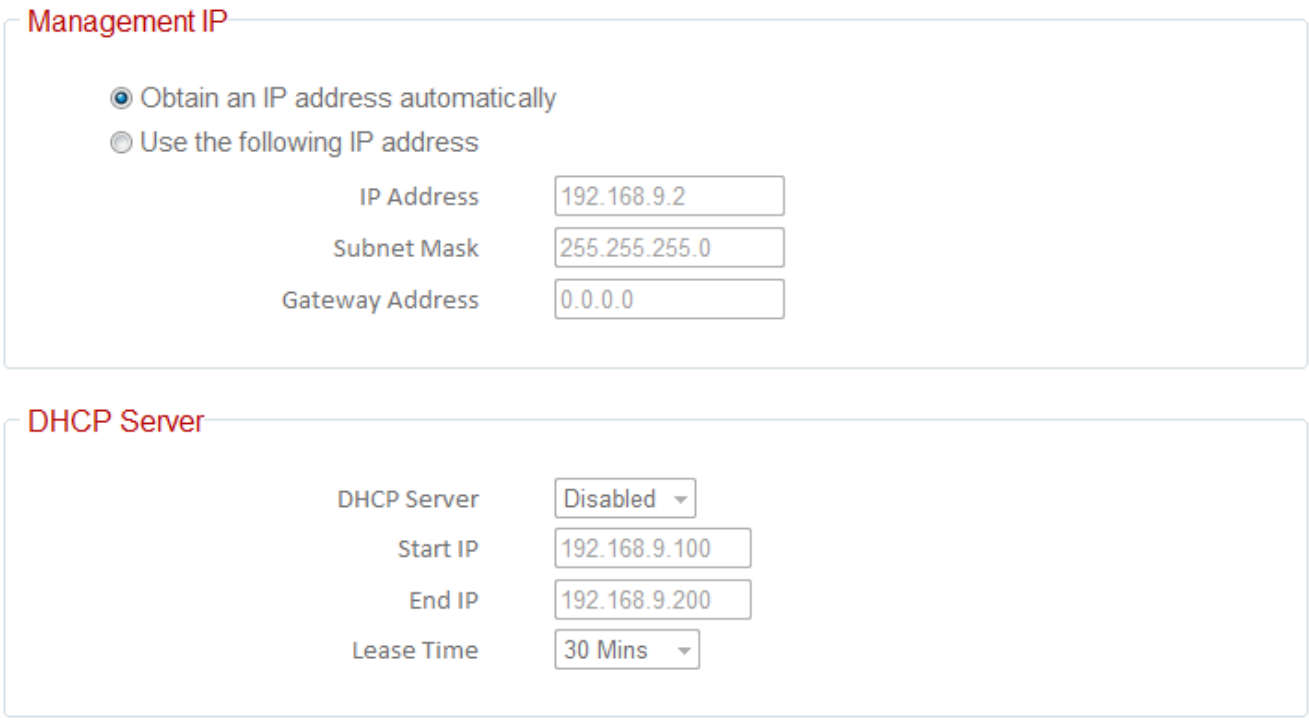


Current Password	Enter your current password.
New Password	Enter your new password.
Confirmed Password	Confirm your new password.

III-3-5-4. Administration Utility

You can configure your Local Area Network (LAN) on this page. You can enable the router to dynamically allocate IP addresses to your LAN clients, and you can modify the IP address of the device. The device's default IP address is 192.168.9.2.

You can access the browser based configuration interface using the device's IP address instead of using the URL *http://edimax**.setup.*



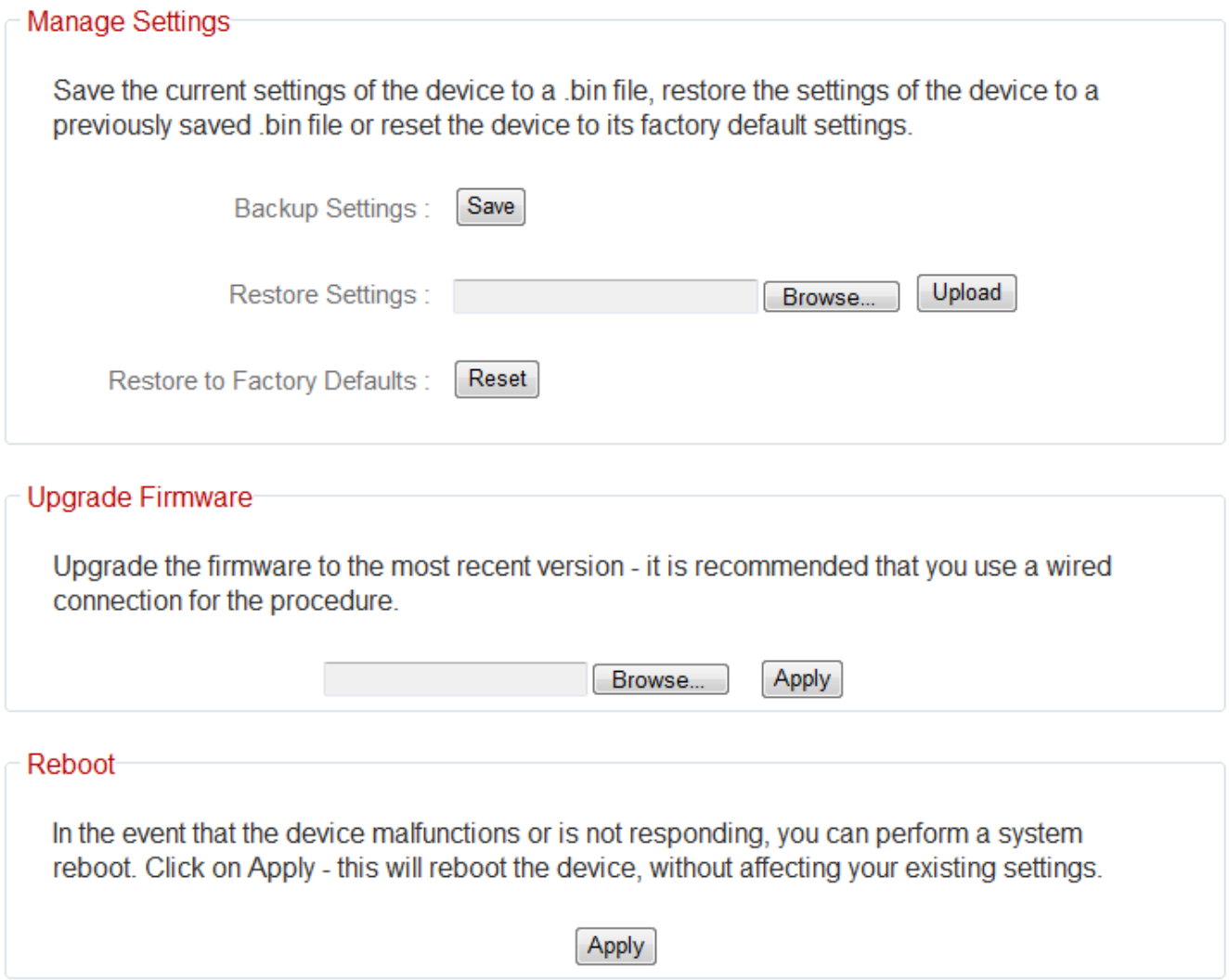
IP Address	Specify the IP address here. This IP address will be assigned to the EW-7288APC and will replace the default IP address.
Subnet Mask	Specify a subnet mask. The default value is 255.255.255.0
Gateway Address	For static IP users, a gateway address must be specified, the default value is 0.0.0.0.

III-3-5-5. Configuration Tools

The “Configuration Tools” menu allows you to backup the EW-7288APC’s settings, restore the settings to a previous version or restore the EW-7288APC back to its factory default state. You can also upgrade the firmware and reboot the device.

Do not switch off or disconnect the device during a firmware upgrade, as this could damage the device. It is recommended that you use a wired Ethernet connection for a firmware upgrade.

In the event that the router malfunctions or is not responding, then it is recommended that you restart the device.



Manage Settings

to backup the EW-7288APC's settings, restore the settings to a previous version or restore the EW-7288APC back to its factory default state.

Backup Settings	Click "Save" to save the current settings on your computer as config.bin file.
Restore Settings	Click "Browse" to find a previously saved config.bin file and then click "Upload" to replace your current settings.
Restore to Factory Defaults	Click "Reset" to restore settings to the factory default. A pop-up window will appear and ask you to confirm and enter your log in details. Enter your username and password and click "Ok". See below for more information.

Upgrade Firmware

You can upgrade the system firmware to a more recent version. You can download the latest firmware from the Edimax website. After the upgrade, the system will restart.

Browse	Open a new window to locate and select the firmware file in your computer.

Reboot

In the event that the extender malfunctions or is not responding, then it is recommended that you restart the device.

Rebooting the EW-7288APC will not affect the current configuration/settings of the device.

Apply	Click "Apply" to reboot the device. A status bar will indicate the progress of the reboot and you will see a confirmation screen when the reboot is complete.

IV. Appendix

IV-1. Configuring your IP address

For first time access to the URL ***http://edimax**.setup*** please ensure your computer is set to use a dynamic IP address. This means your computer can obtain an IP address automatically from a DHCP server. You can check if your computer is set to use a dynamic IP address by following **IV-1-1. How to check that your computer uses a dynamic IP address**.

***** are the last two characters of the EW-7288APC's MAC address. The MAC address is displayed on the label on the bottom of the EW-7288APC.***

Static IP users can also temporarily modify your computer's IP address to be in the same IP address subnet e.g. **192.168.9.x (x = 3 – 254)** as the EW-7288APC in order to access ***http://edimax**.setup***.

The EW-7288APC's default IP address is 192.168.9.2.

The procedure for modifying your IP address varies across different operating systems; please follow the guide appropriate for your operating system in **IV-1-2. How to modify the IP address of your computer**.

Static IP users please make a note of your static IP before you change it.

You can assign a new IP address to the device which is within the subnet of your network during setup or using the browser based configuration interface (refer to **III-3-3. Basic Settings**). Then you can access the URL ***http://edimax**.setup*** in future without modifying your IP address.

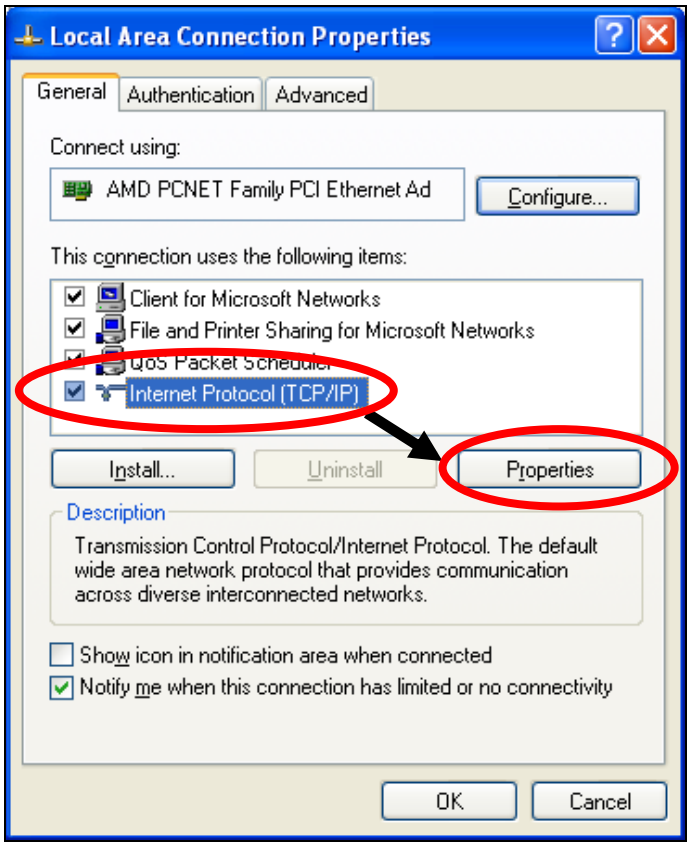
Please remember to change your IP address back to its original value after the device is properly configured.

IV-1-1. How to check that your computer uses a dynamic IP address

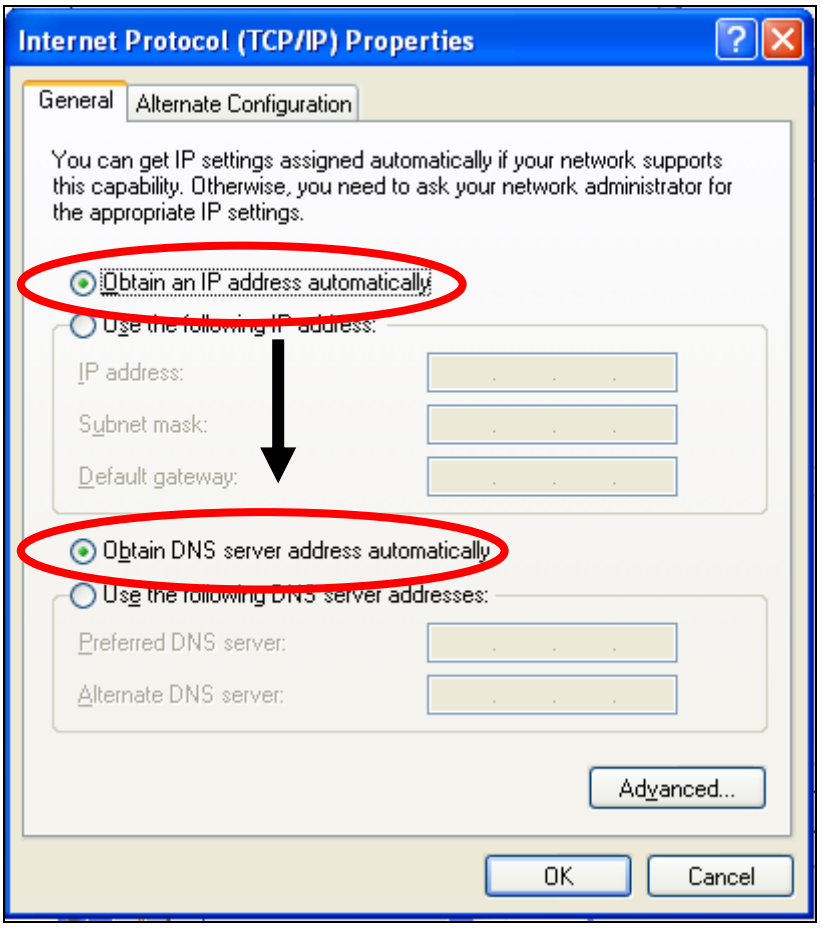
Please follow the instructions appropriate for your operating system.

IV-1-1-1. Windows XP

1. Click the “Start” button (it should be located in the lower-left corner of your computer), then click “Control Panel”. Double-click the “Network and Internet Connections” icon, click “Network Connections”, and then double-click “Local Area Connection”. The “Local Area Connection Status” window will then appear, click “Properties”.

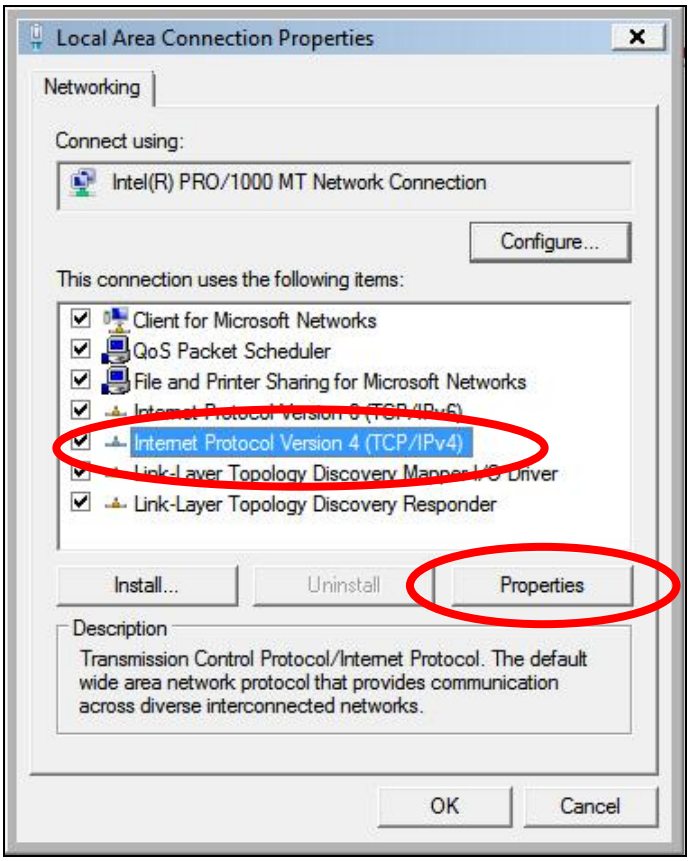


2. “Obtain an IP address automatically” and “Obtain DNS server address automatically” should be selected.

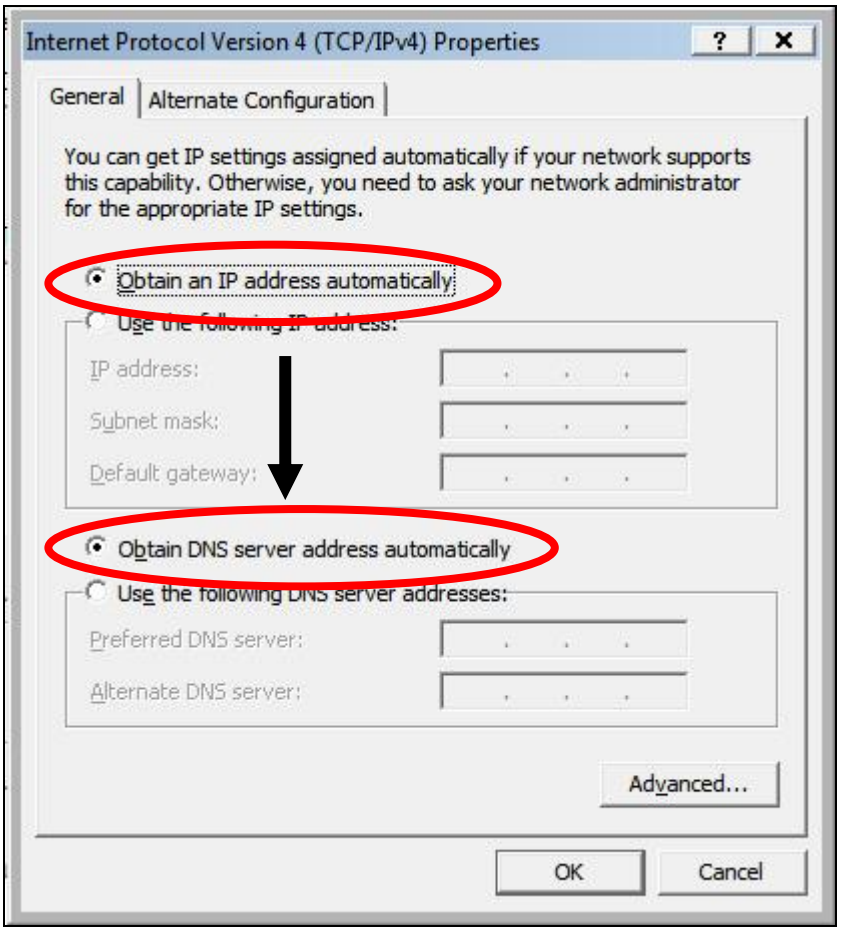

Internet Protocol (TCP/IP) Properties
General
Alternate Configuration
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

IV-1-1-2. Windows Vista

1. Click the “Start” button (it should be located in the lower-left corner of your computer), then click “Control Panel”. Click “View Network Status and Tasks”, then click “Manage Network Connections”. Right-click “Local Area Network”, then select “Properties”. The “Local Area Connection Properties” window will then appear, select “Internet Protocol Version 4 (TCP / IPv4)”, and then click “Properties”.

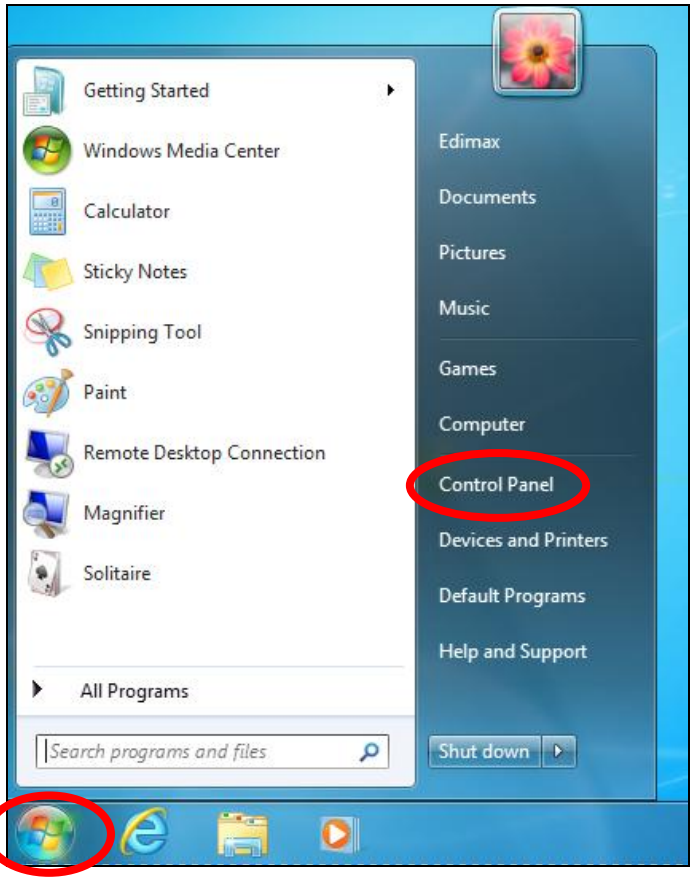


2. Select “Obtain an IP address automatically” and “Obtain DNS server address automatically” should be selected.

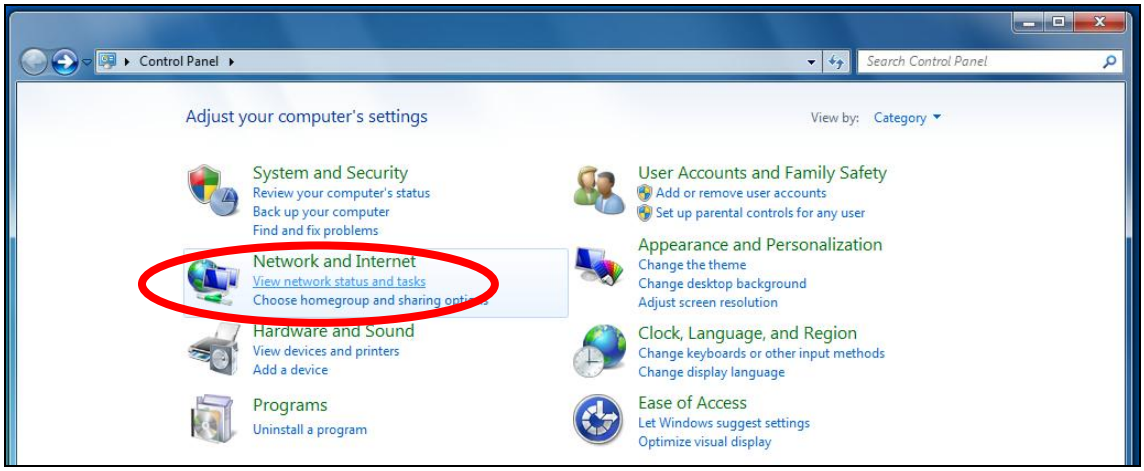

Internet Protocol Version 4 (TCP/IPv4) Properties
General
Alternate Configuration
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the 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:
Advanced...
OK
Cancel

IV-1-1-3. Windows 7

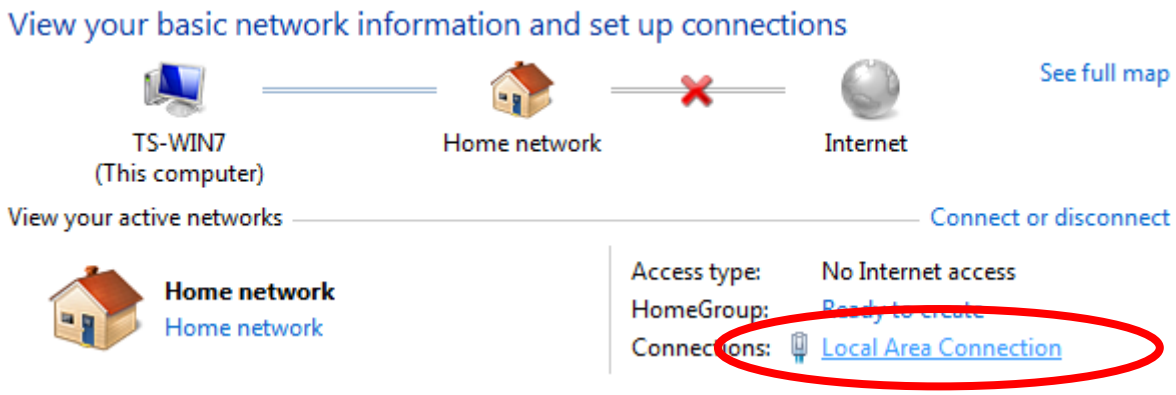
1. Click the “Start” button (it should be located in the lower-left corner of your computer), then click “Control Panel”.



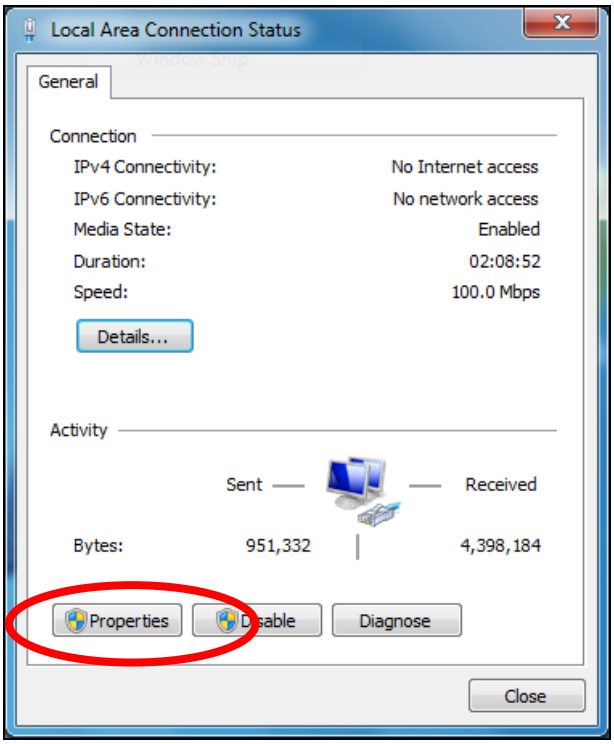
2. Under “Network and Internet” click “View network status and tasks”.



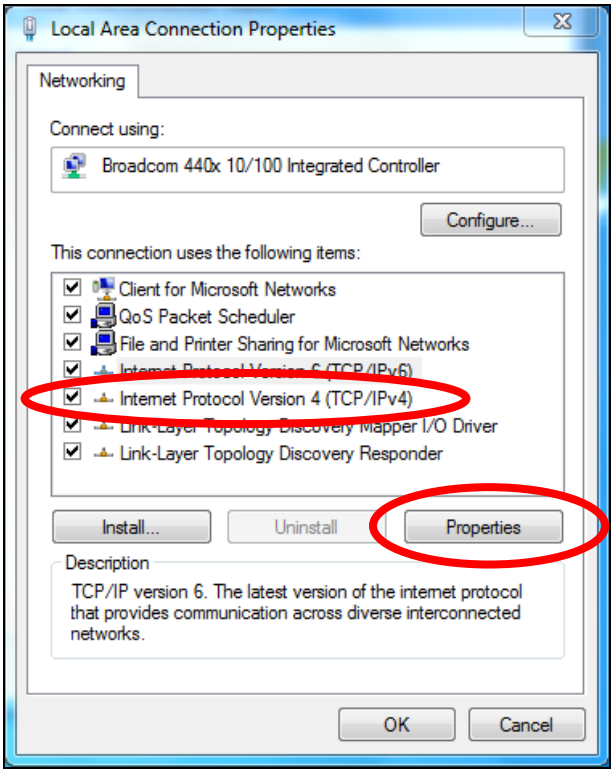
3. Click “Local Area Connection”.



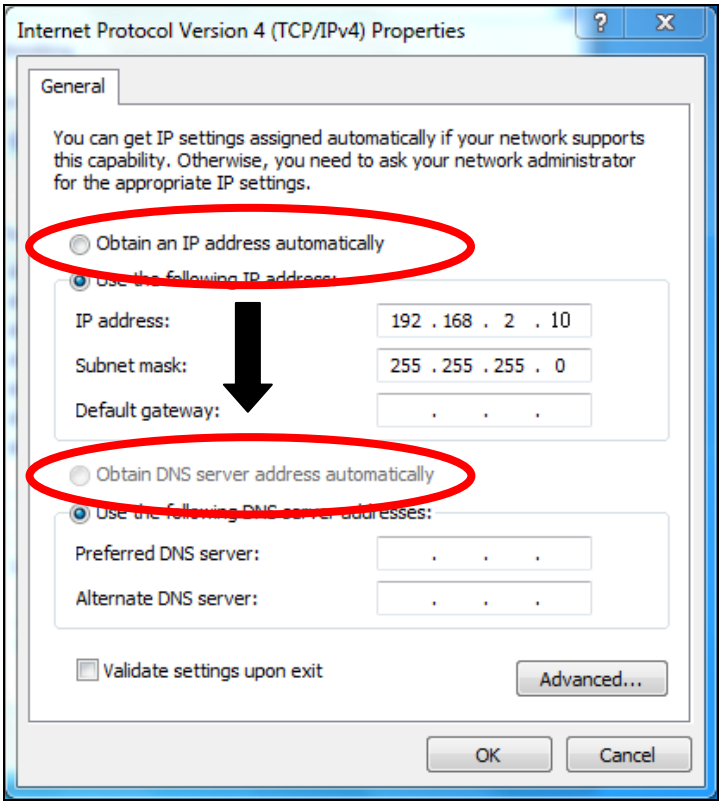
4. Click “Properties”.



5. Select “Internet Protocol Version 4 (TCP/IPv4) and then click “Properties”.

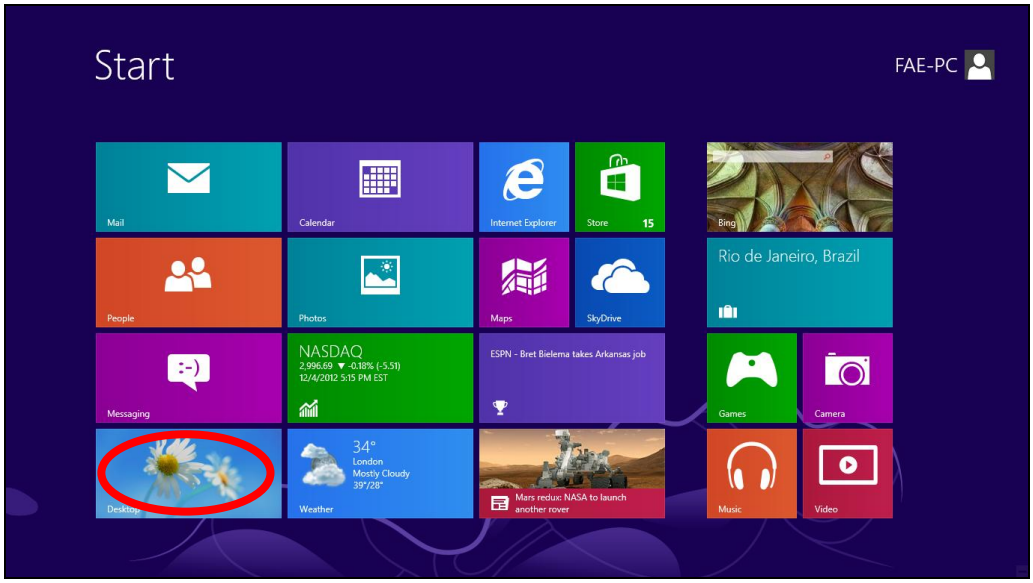


6. Select “Obtain an IP address automatically” and “Obtain DNS server address automatically” should be selected.

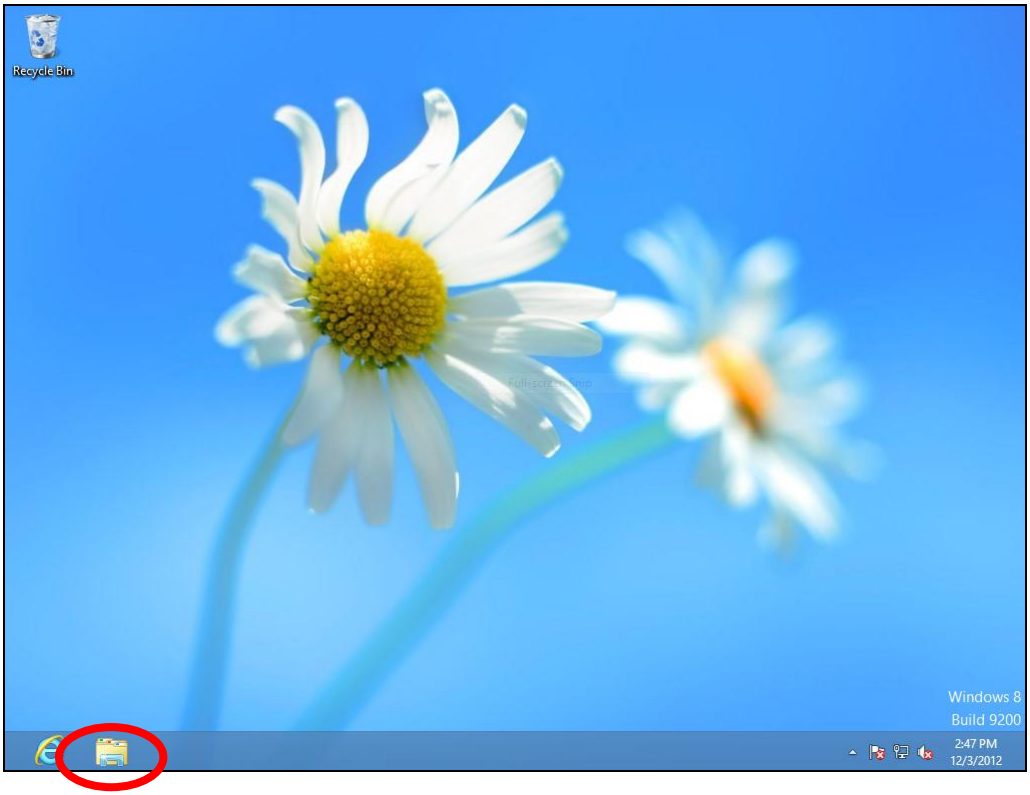


IV-1-1-4. Windows 8

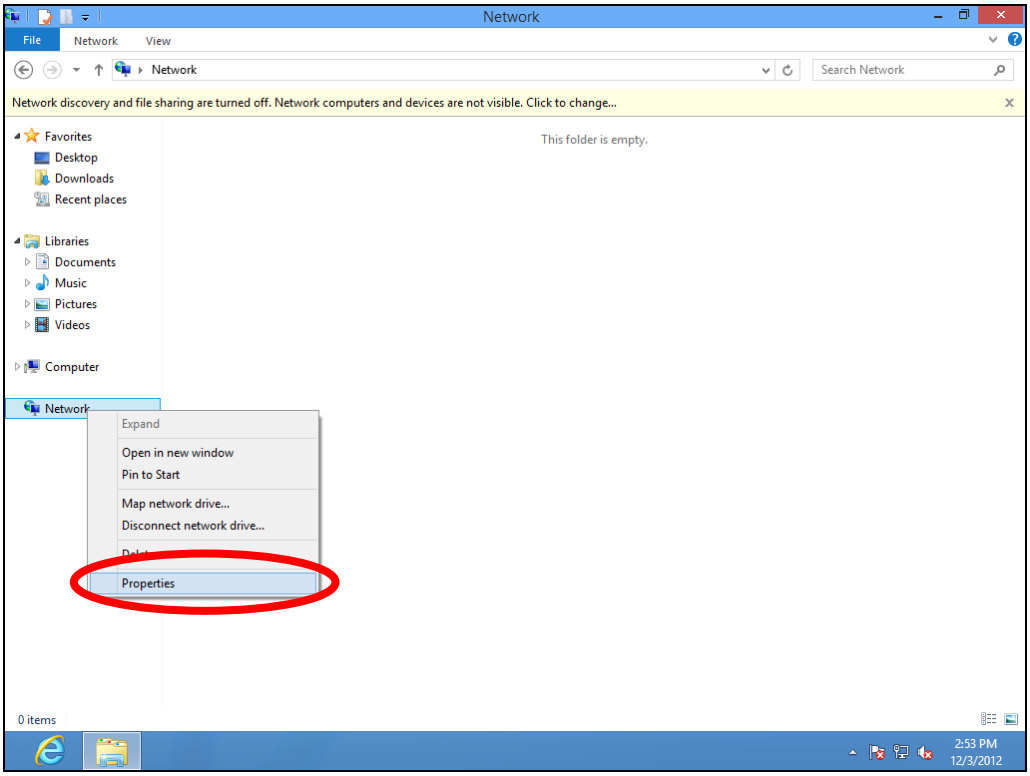
1. From the Windows 8 Start screen, you need to switch to desktop mode. Move your curser to the bottom left of the screen and click.



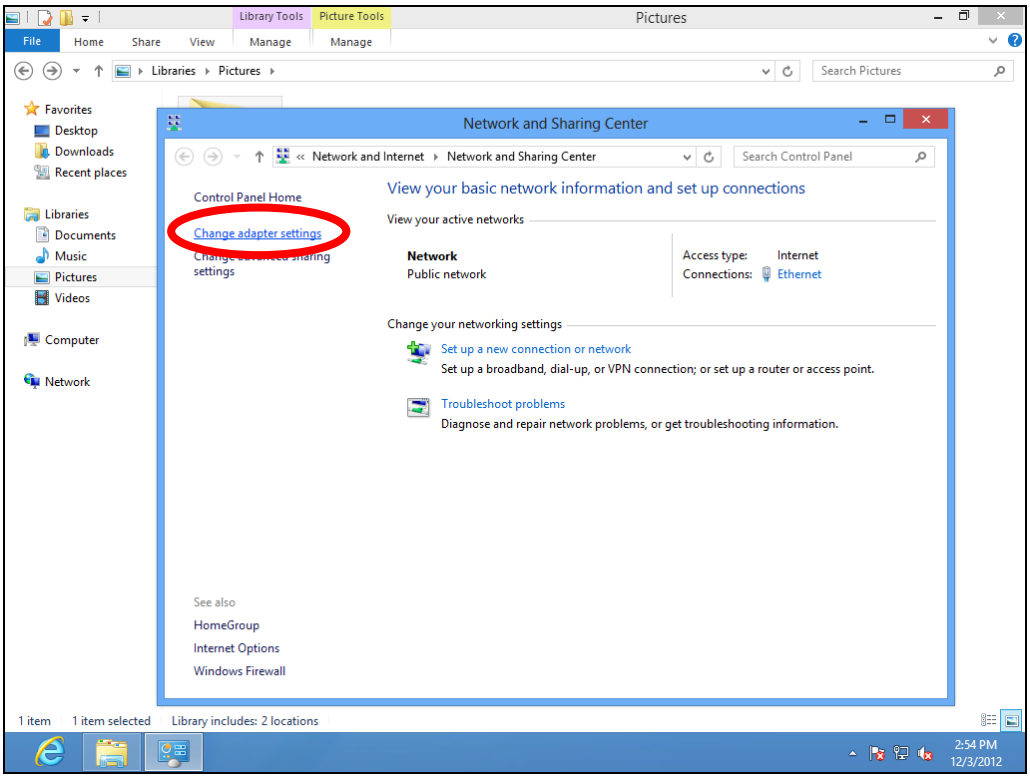
2. In desktop mode, click the File Explorer icon in the bottom left of the screen, as shown below.



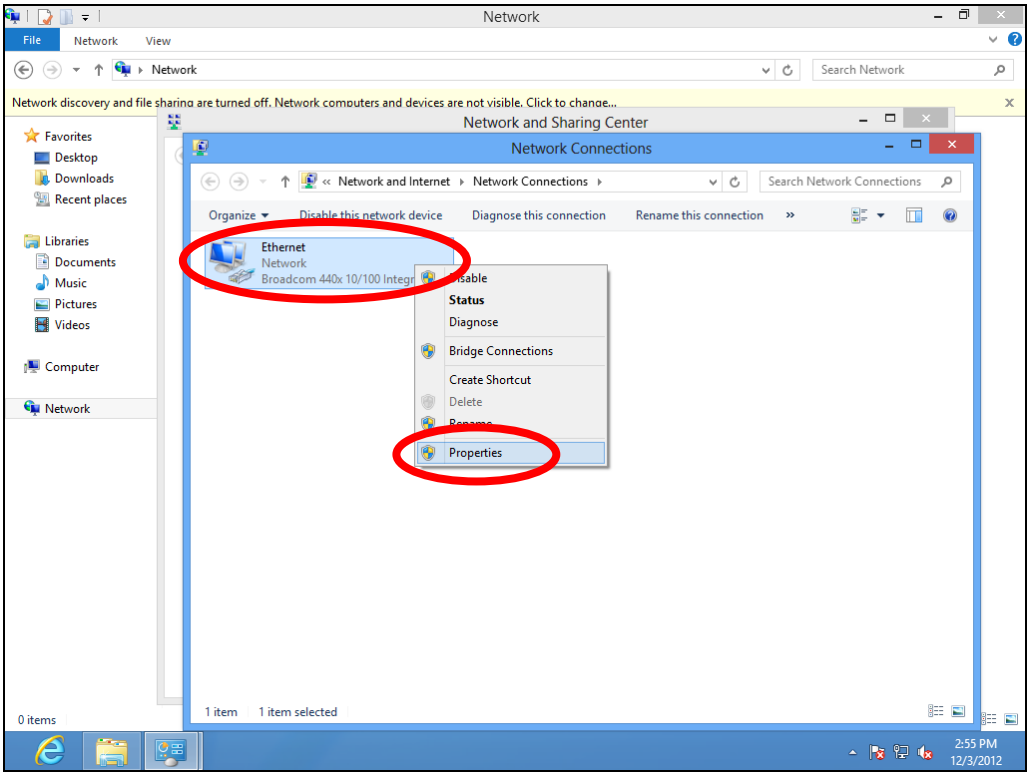
3. Right click “Network” and then select “Properties”.



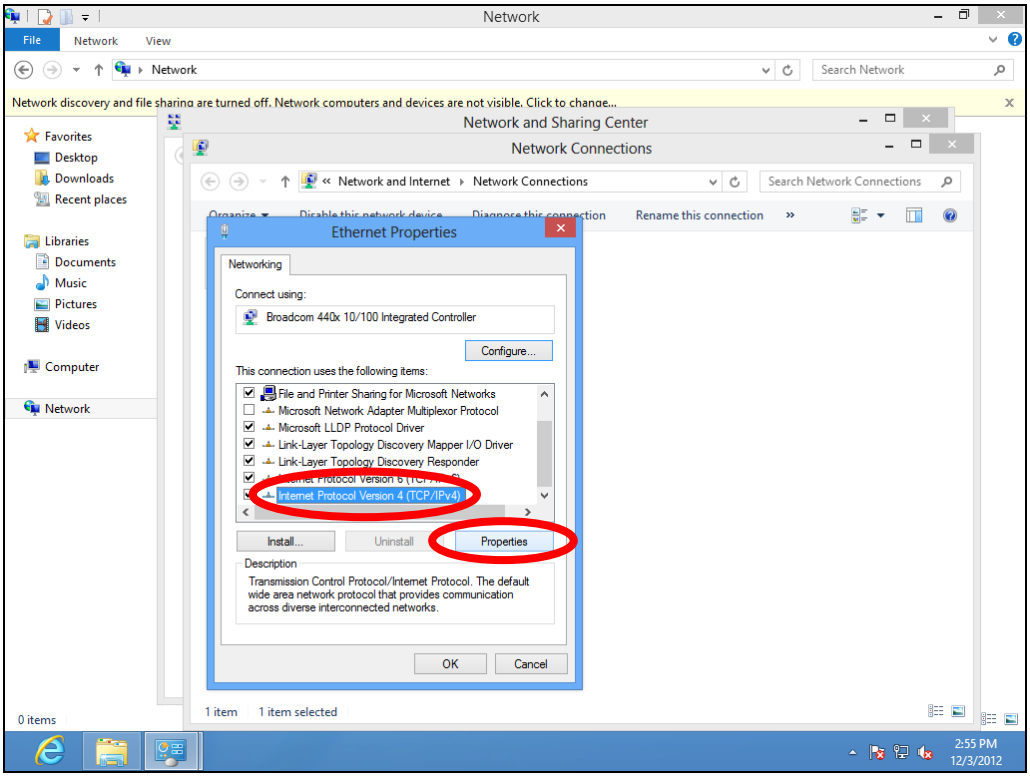
4. In the window that opens, select “Change adapter settings” from the left side.



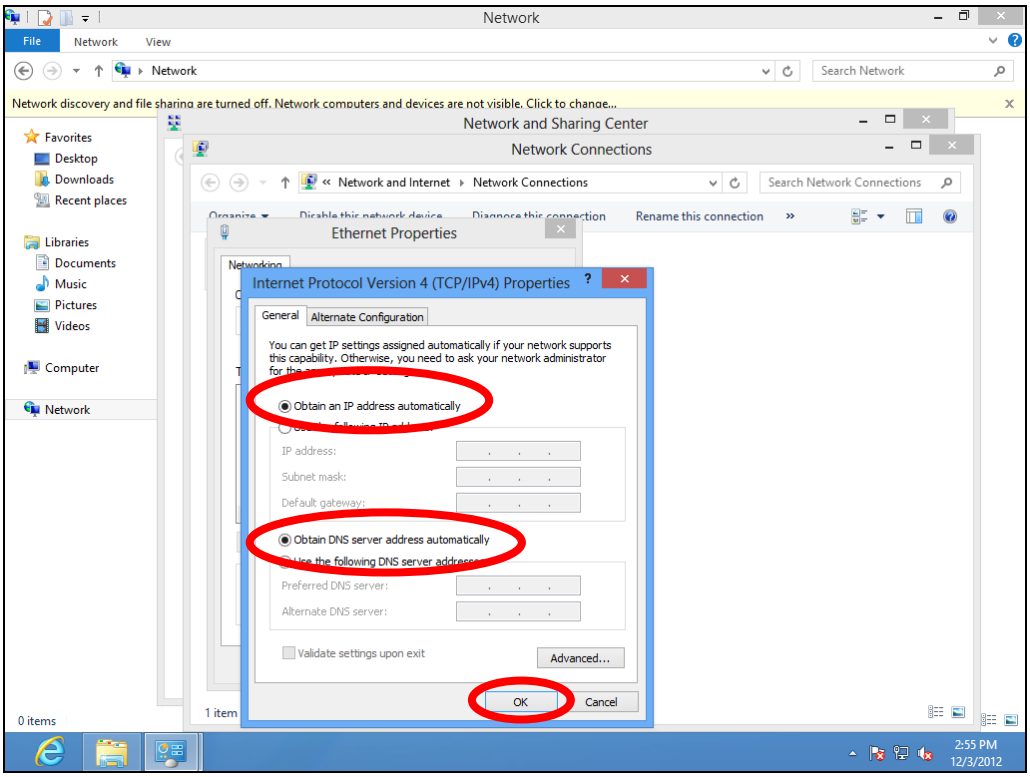
5. Choose your connection and right click, then select “Properties”.



6. Select “Internet Protocol Version 4 (TCP/IPv4) and then click “Properties”.



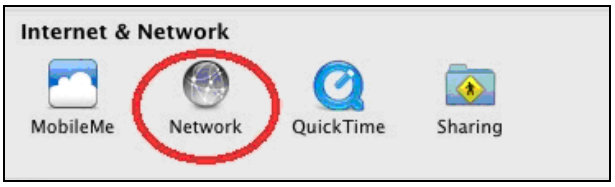
7. Select “Obtain an IP address automatically” and “Obtain DNS server address automatically” should be selected.



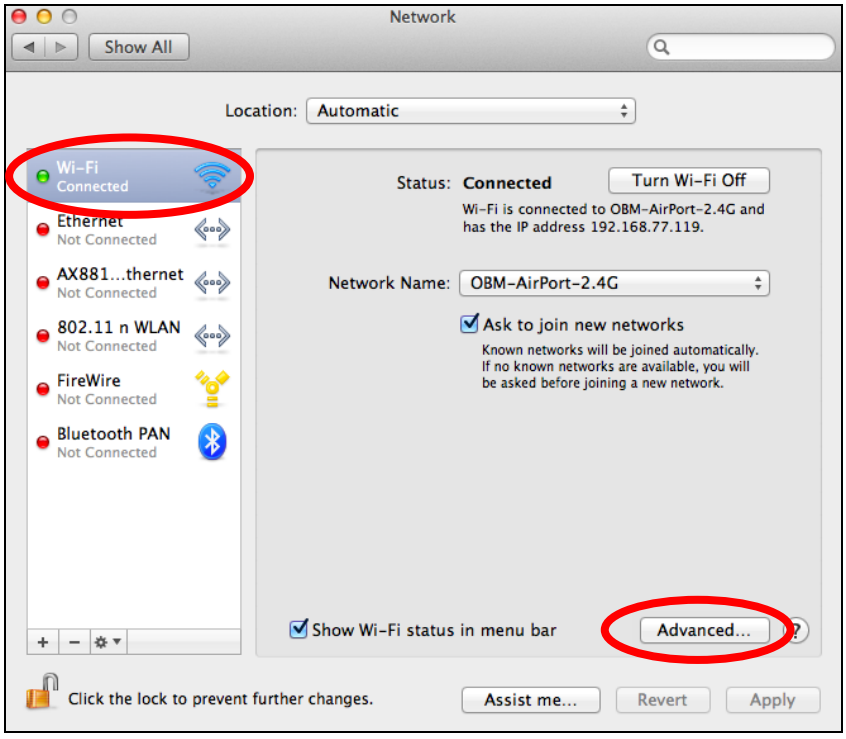
IV-1-1-5. Mac OS

1. Have your Macintosh computer operate as usual, and click on “System Preferences”.

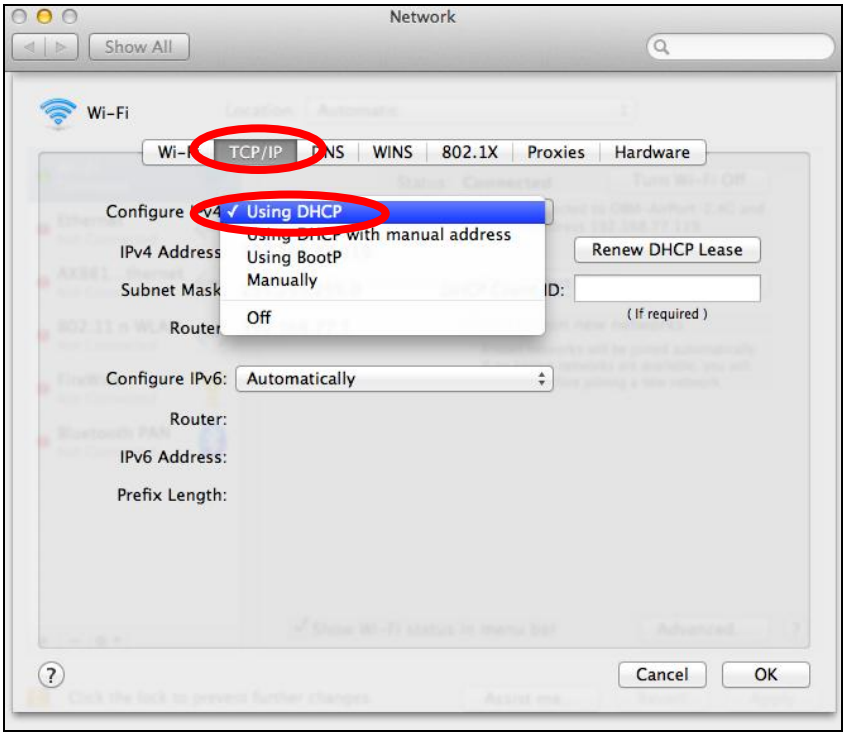
2. In System Preferences, click on “Network”.



3. Click on “Wi-Fi” in the left panel and then click “Advanced” in the lower right corner.



4. Select “TCP/IP” from the top menu and “Using DHCP” in the drop down menu labeled “Configure IPv4” should be selected.


Network
Show All
Wi-Fi
TCP/IP
DNS
WINS
802.1X
Proxies
Hardware
Using DHCP
Using BootP
Manually
Off
Renew DHCP Lease
(If required)
Configure IPv6:
Automatically
Router:
IPv6 Address:
Prefix Length:
Cancel
OK

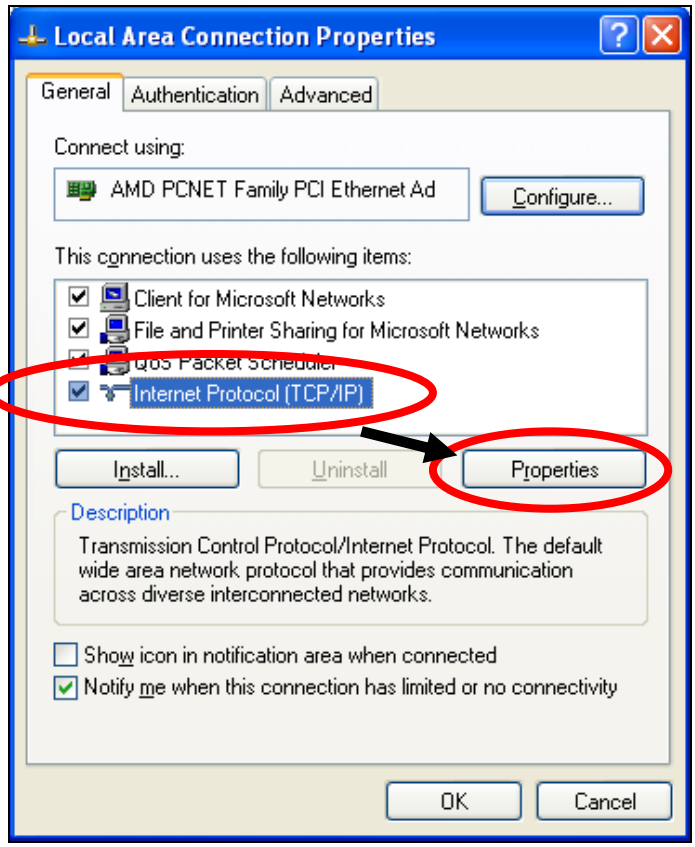
IV-1-2. How to modify the IP address of your computer

Please follow the instructions appropriate for your operating system. In the following examples we use the IP address **192.168.9.20** though you can use any IP address in the range **192.168.9.x (x = 3 – 254)** in order to access iQ Setup/browser based configuration interface.

Please make a note of your static IP before you change it.

IV-1-2-1. Windows XP

1. Click the "Start" button (it should be located in the lower-left corner of your computer), then click "Control Panel". Double-click the "Network and Internet Connections" icon, click "Network Connections", and then double-click "Local Area Connection". The "Local Area Connection Status" window will then appear, click "Properties".



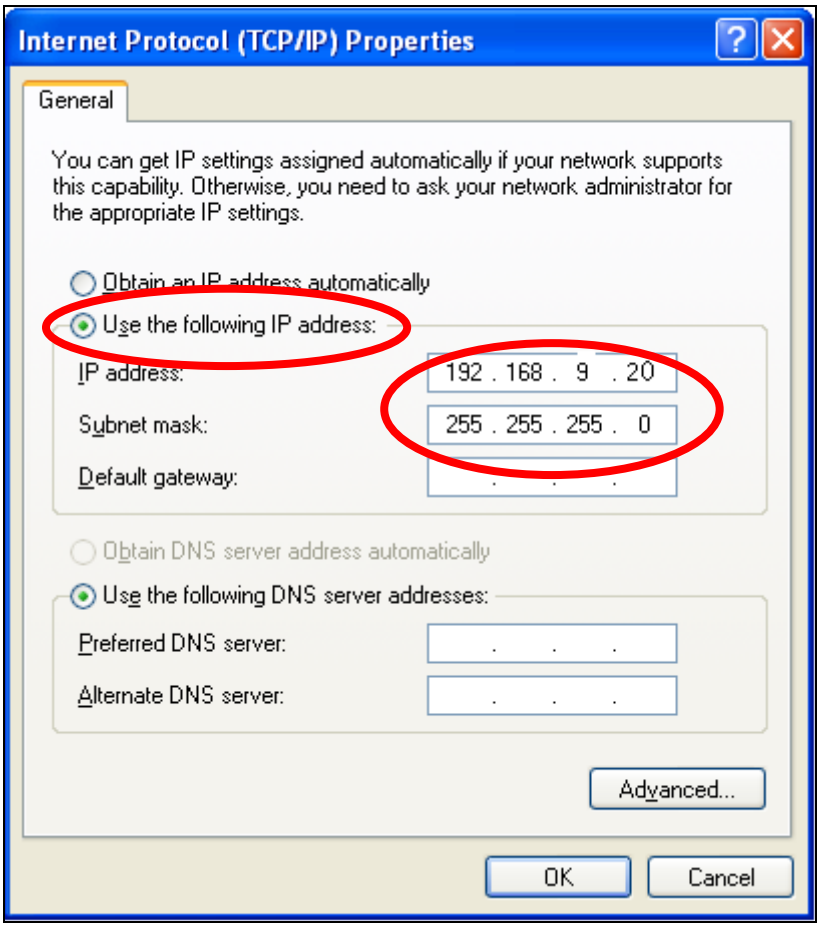
2. Select "Use the following IP address", then input the following values:

Your existing static IP address will be displayed in the "IP address" field before you replace it. Please make a note of this IP

address, subnet mask, default gateway and DNS server addresses.

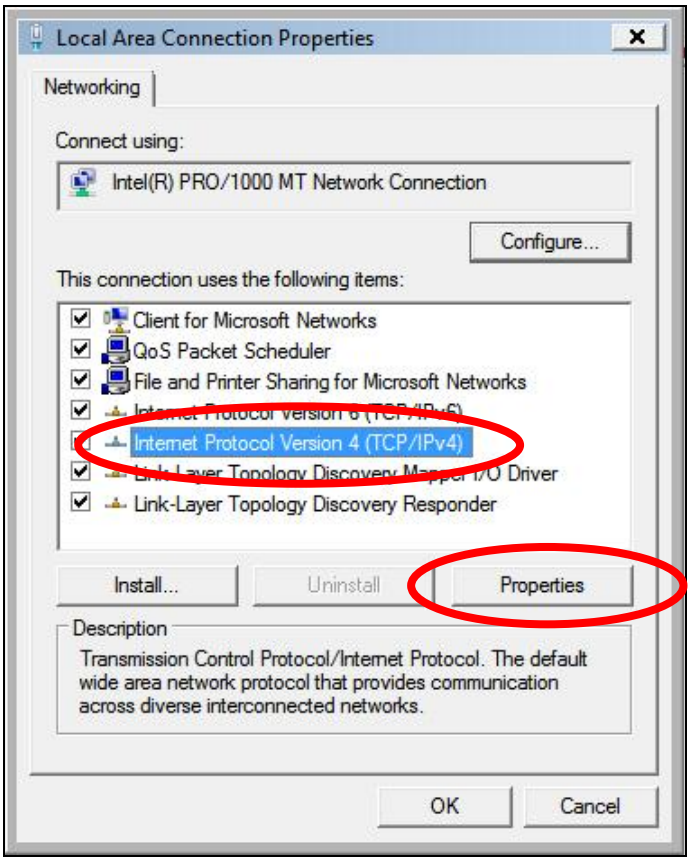
IP address: 192.168.9.20
Subnet Mask: 255.255.255.0

Click ‘OK’ when finished.



IV-1-2-2. Windows Vista

1. Click the “Start” button (it should be located in the lower-left corner of your computer), then click “Control Panel”. Click “View Network Status and Tasks”, then click “Manage Network Connections”. Right-click “Local Area Network”, then select “Properties”. The “Local Area Connection Properties” window will then appear, select “Internet Protocol Version 4 (TCP / IPv4)”, and then click “Properties”.

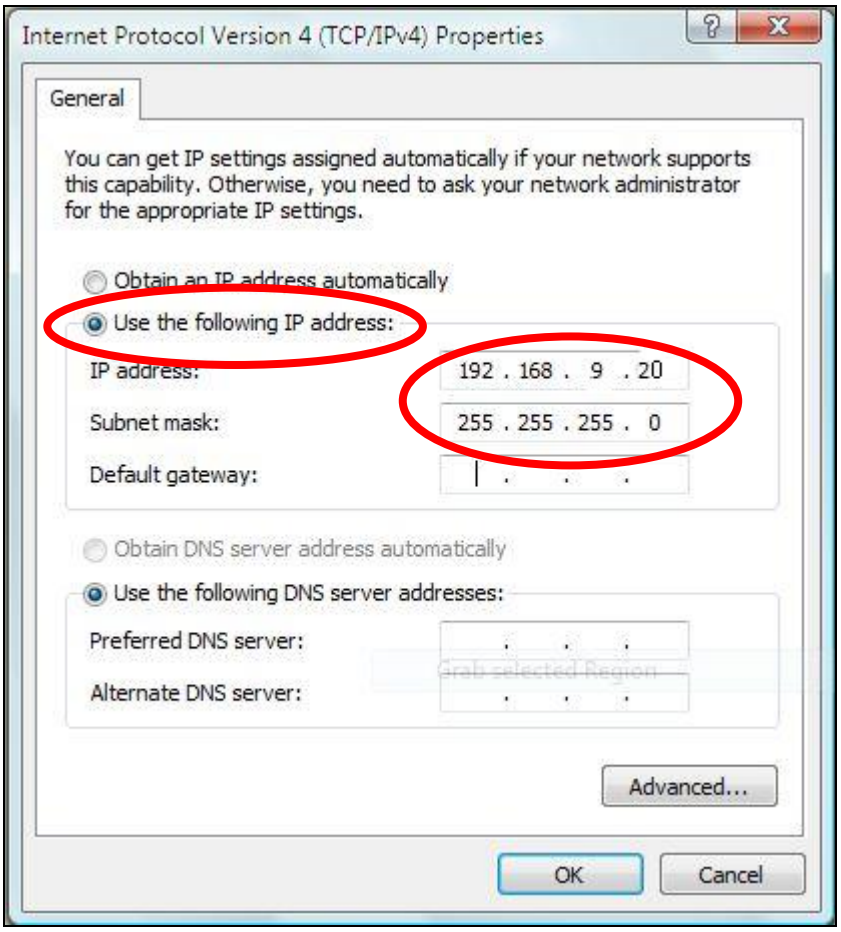


2. Select “Use the following IP address”, then input the following values:

Your existing static IP address will be displayed in the “IP address” field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

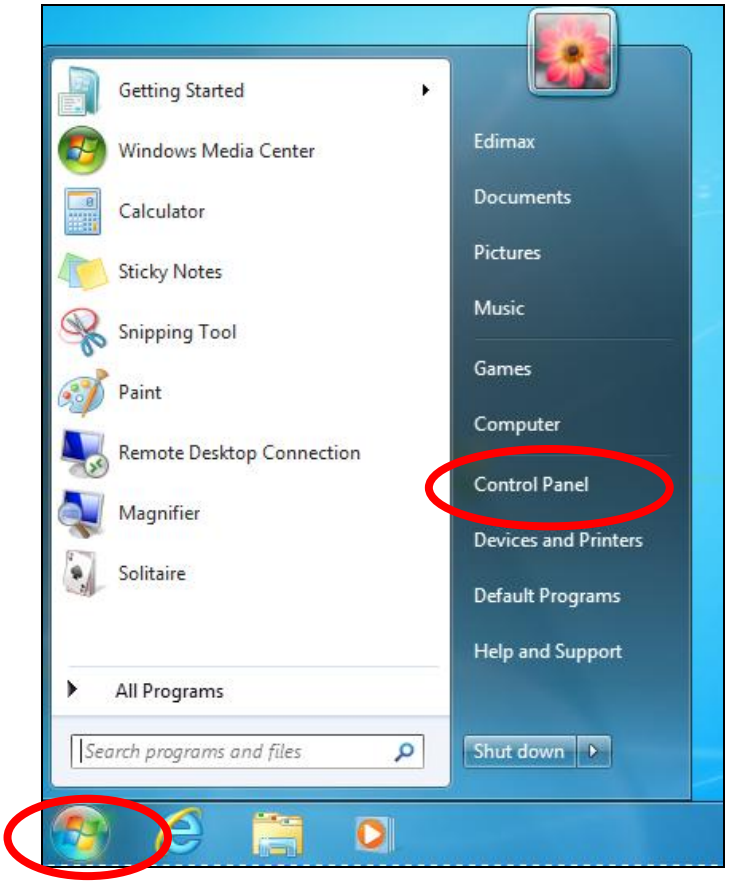
IP address: 192.168.9.20
Subnet Mask: 255.255.255.0

Click ‘OK’ when finished.

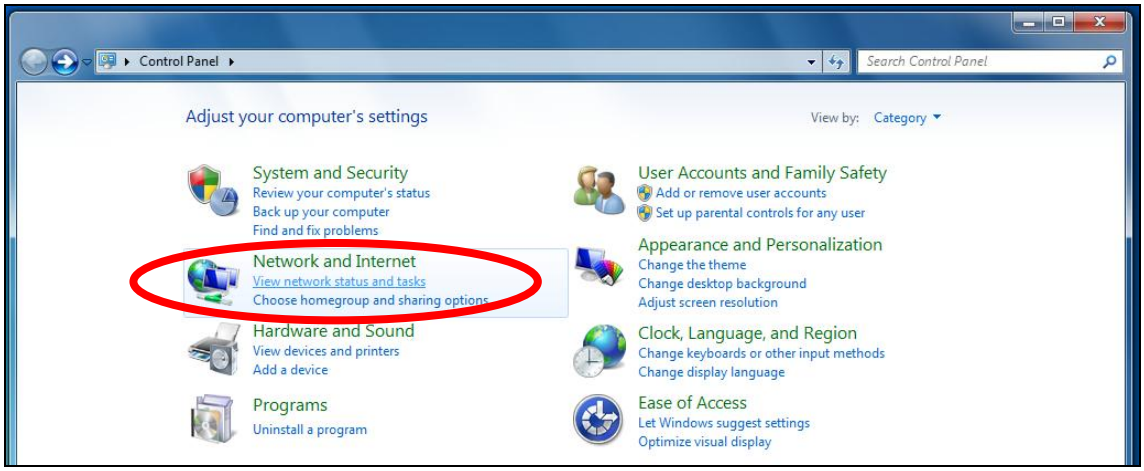


IV-1-2-3. Windows 7

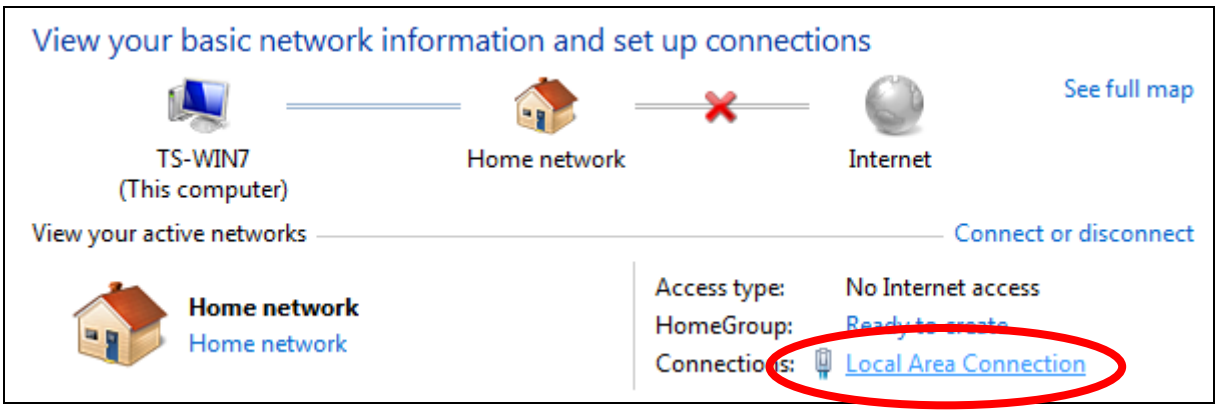
1. Click the “Start” button (it should be located in the lower-left corner of your computer), then click “Control Panel”.



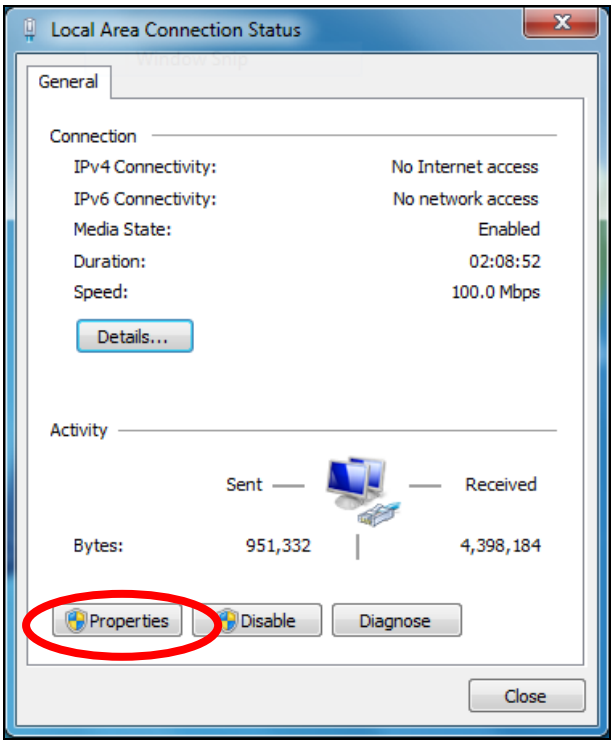
2. Under “Network and Internet” click “View network status and tasks”.



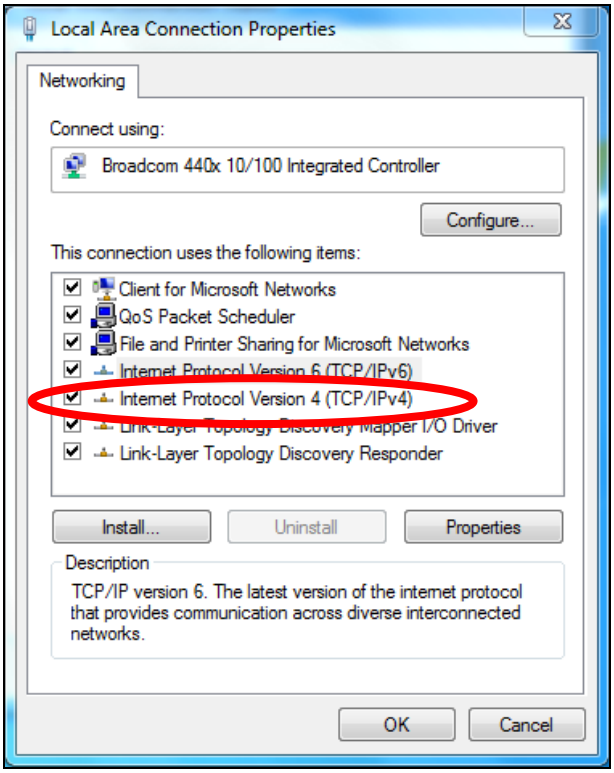
3. Click “Local Area Connection”.



4. Click “Properties”.



5. Select “Internet Protocol Version 4 (TCP/IPv4) and then click “Properties”.

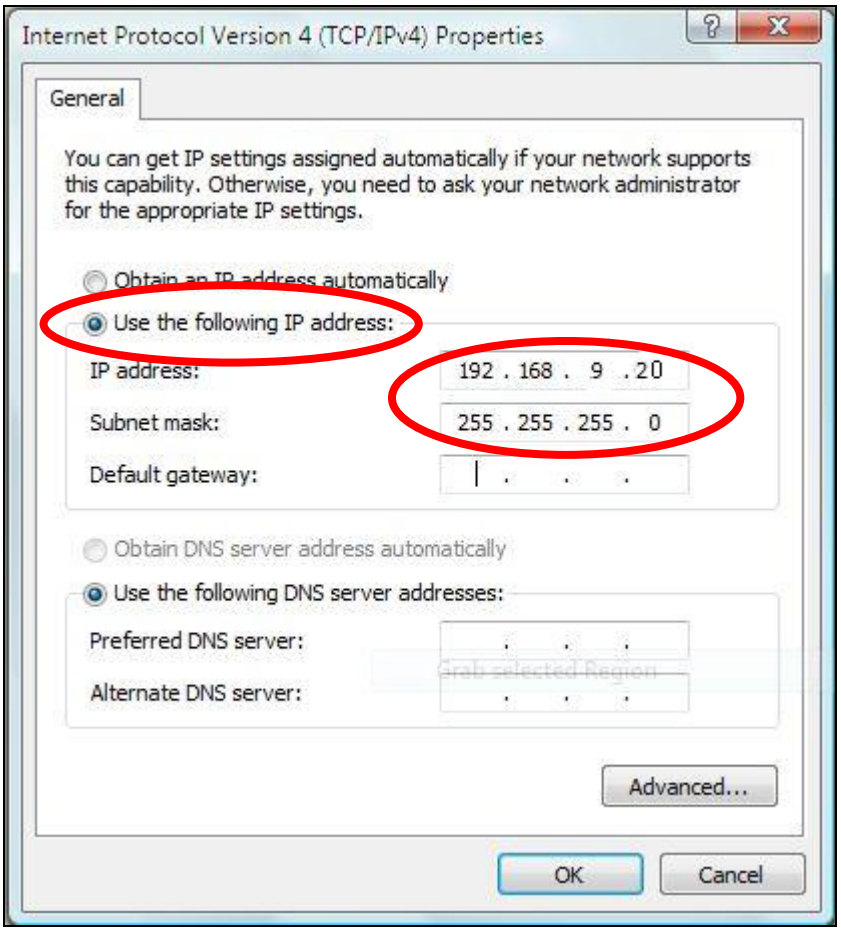


6. Select “Use the following IP address”, then input the following values:

Your existing static IP address will be displayed in the “IP address” field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

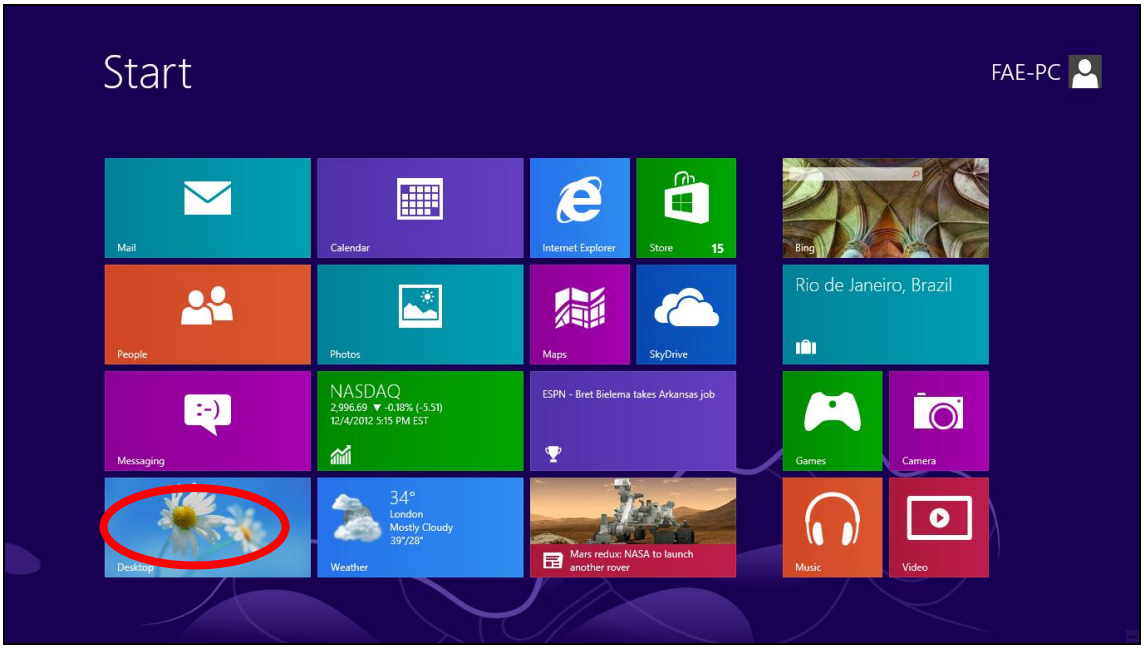
IP address: 192.168.9.20
Subnet Mask: 255.255.255.0

Click ‘OK’ when finished.

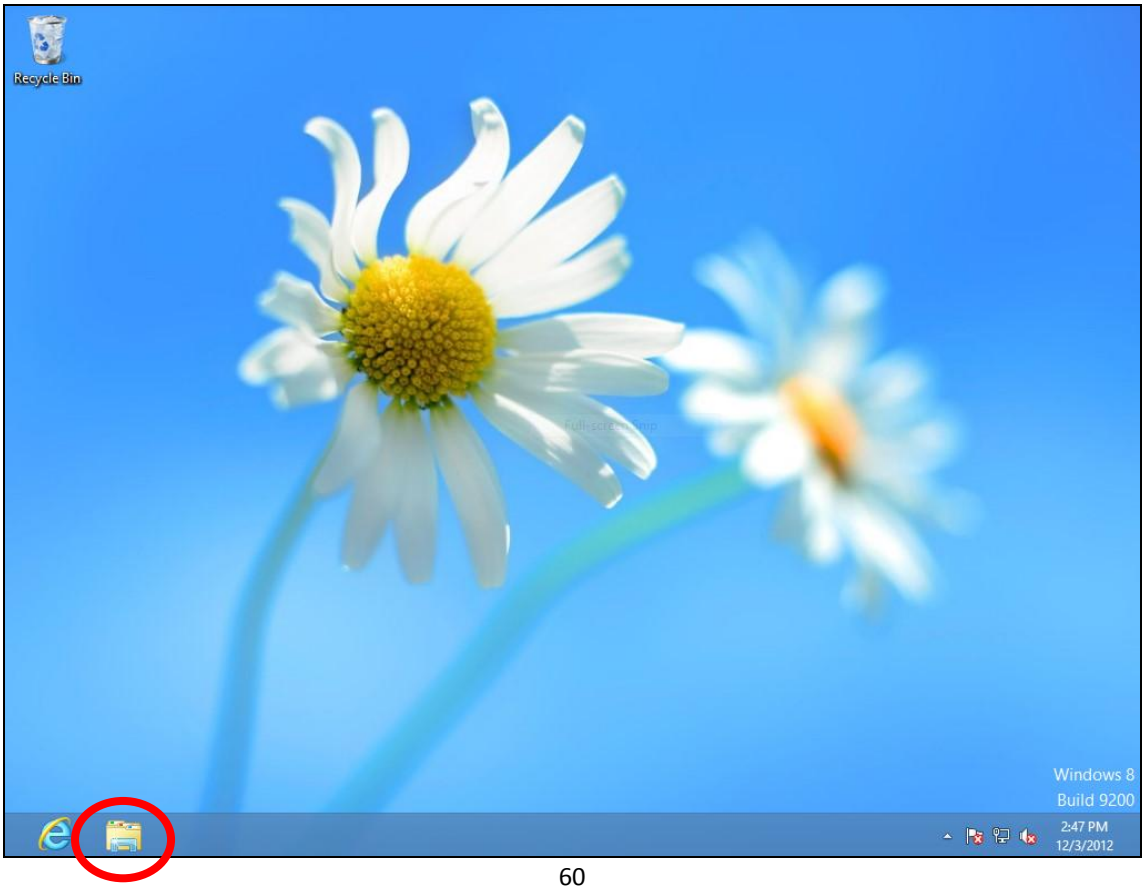

Internet Protocol Version 4 (TCP/IPv4) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
192 . 168 . 9 . 20
Subnet mask:
255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

IV-1-2-4. Windows 8

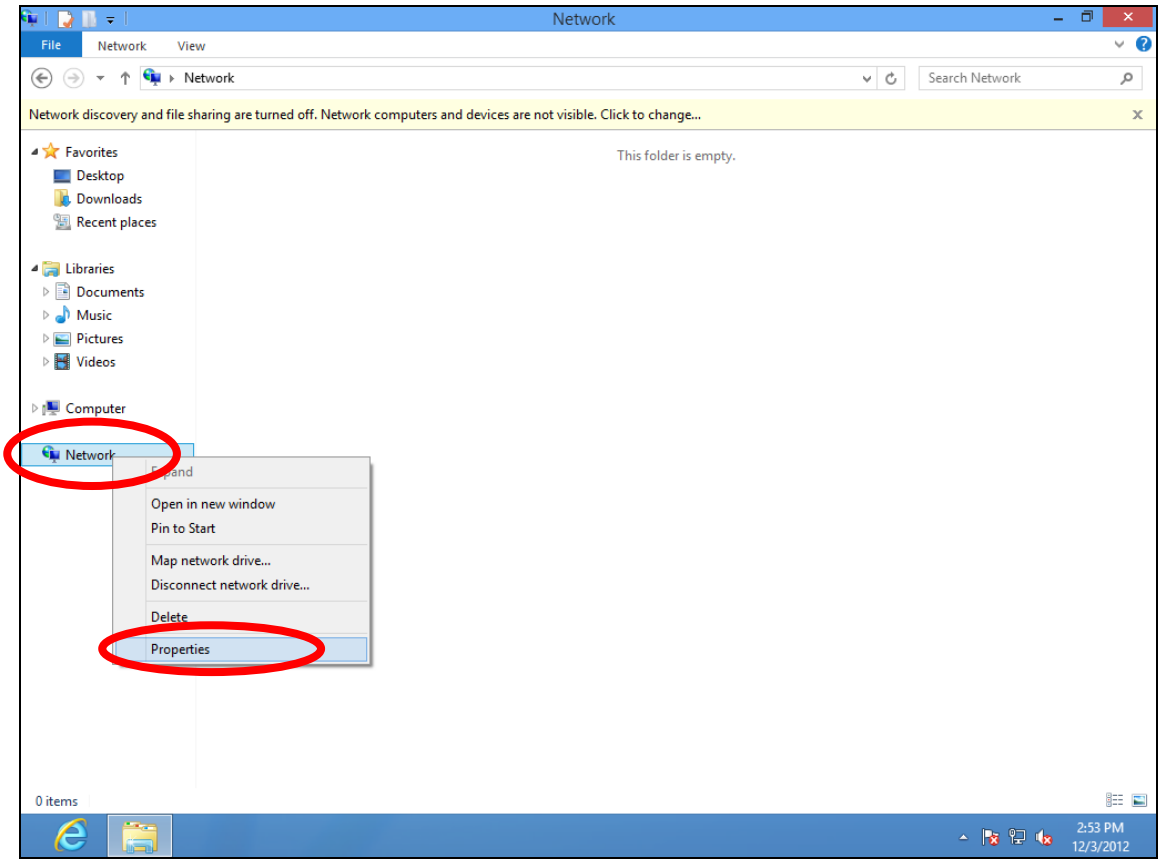
1. From the Windows 8 Start screen, you need to switch to desktop mode. Move your curser to the bottom left of the screen and click.



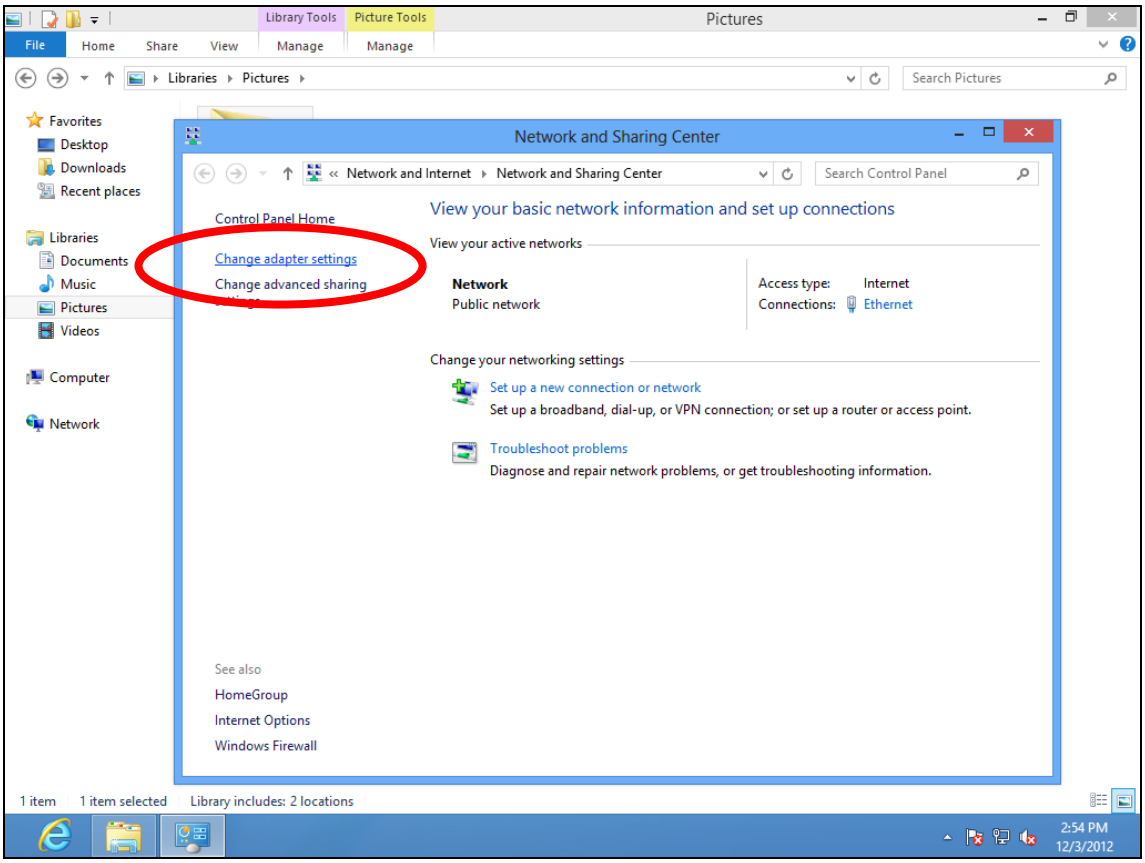
2. In desktop mode, click the File Explorer icon in the bottom left of the screen, as shown below.



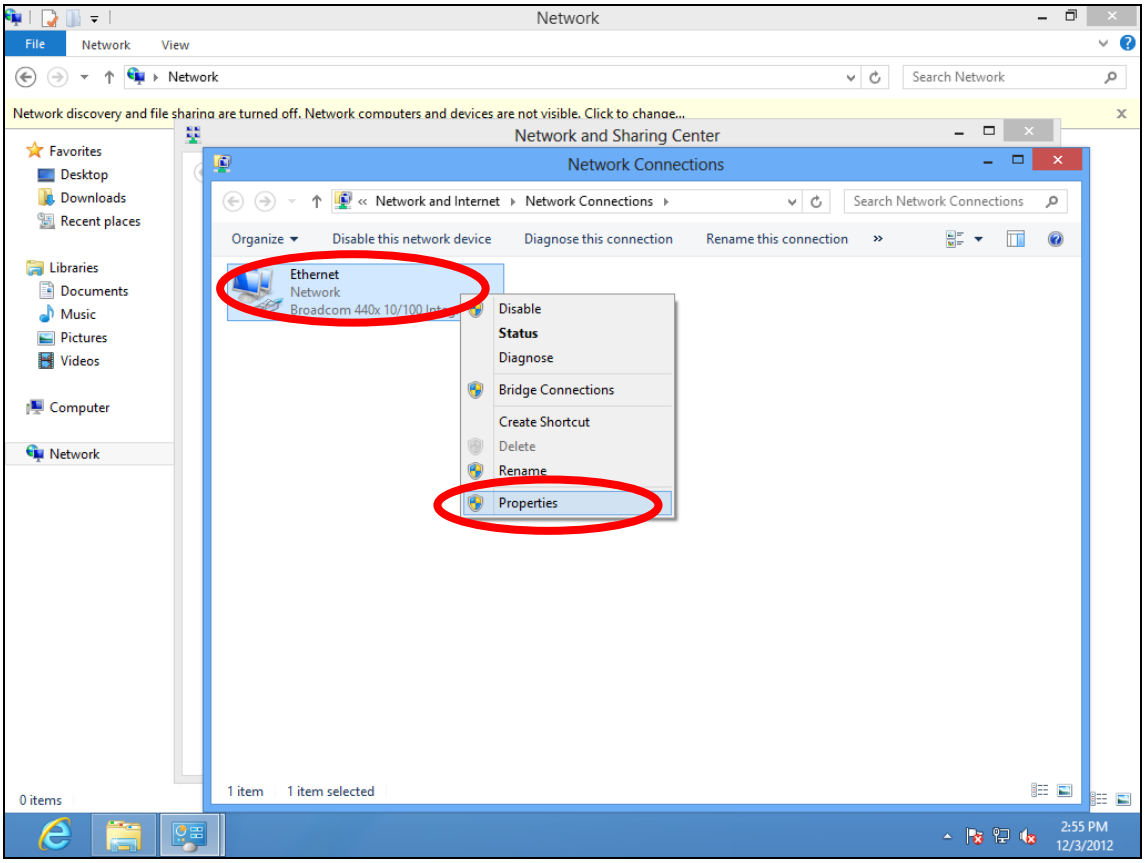
3. Right click “Network” and then select “Properties”.



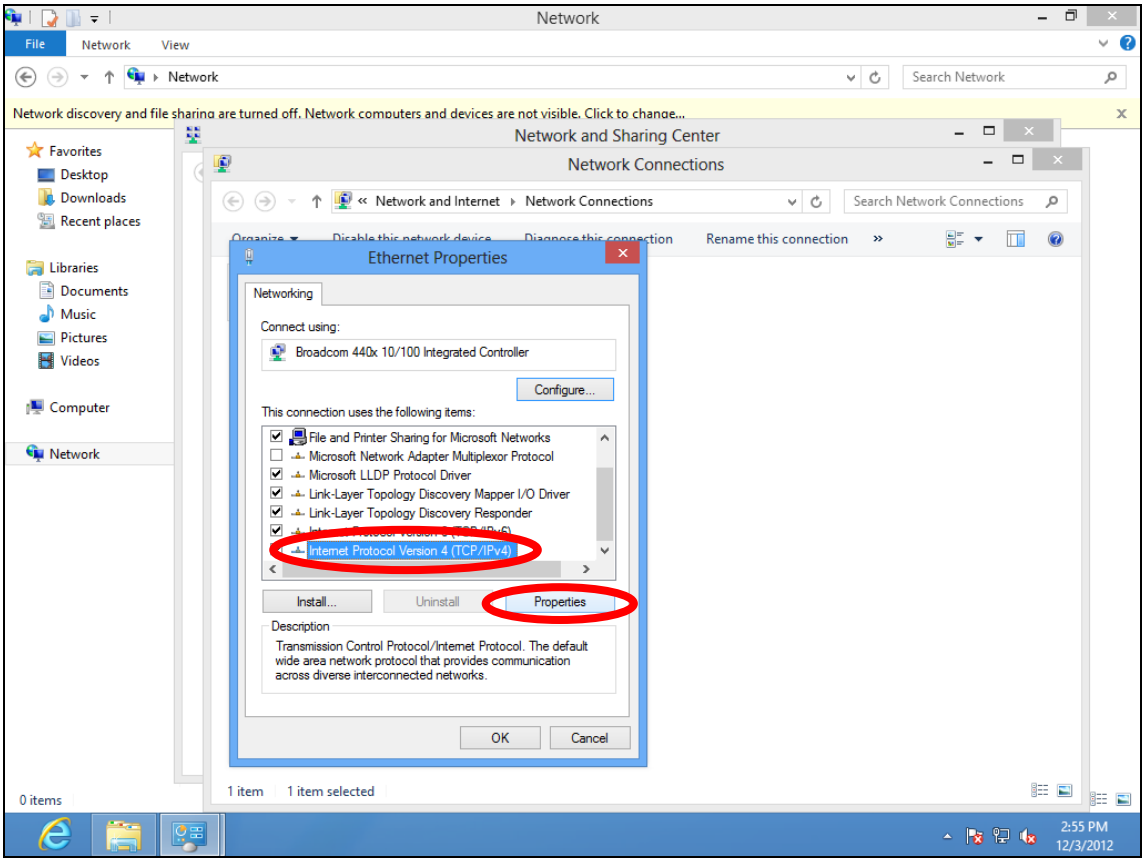
4. In the window that opens, select “Change adapter settings” from the left side.



5. Choose your connection and right click, then select “Properties”.



6. Select “Internet Protocol Version 4 (TCP/IPv4) and then click “Properties”.



7. Select “Use the following IP address”, then input the following values:

Your existing static IP address will be displayed in the “IP address” field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

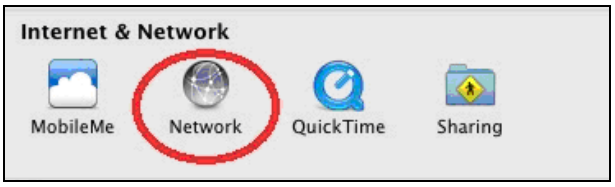
IP address: 192.168.9.20
Subnet Mask: 255.255.255.0

Click ‘OK’ when finished.

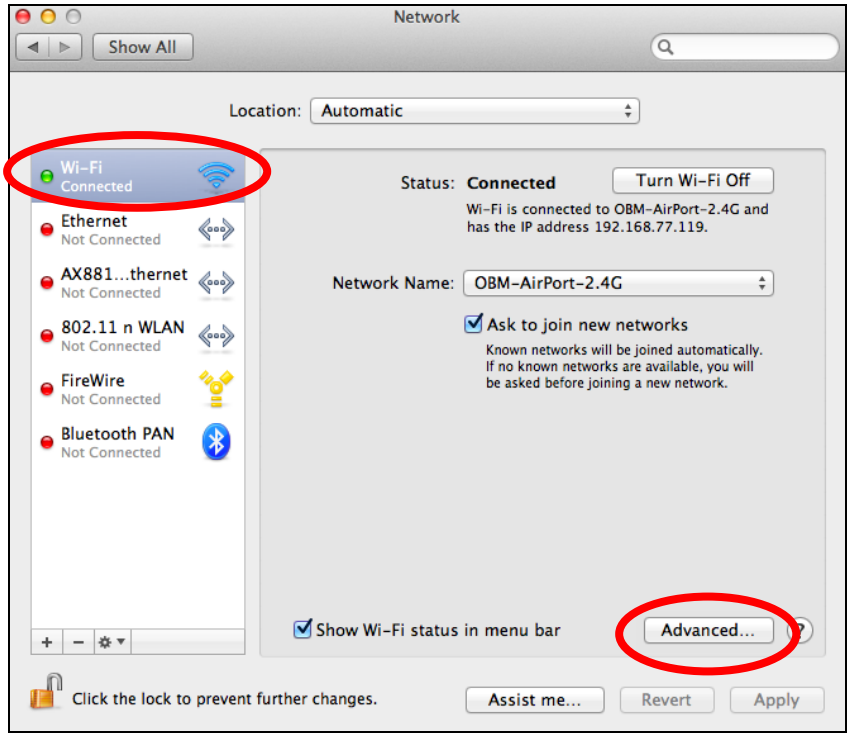
IV-1-2-5. Mac

1. Have your Macintosh computer operate as usual, and click on “System Preferences”

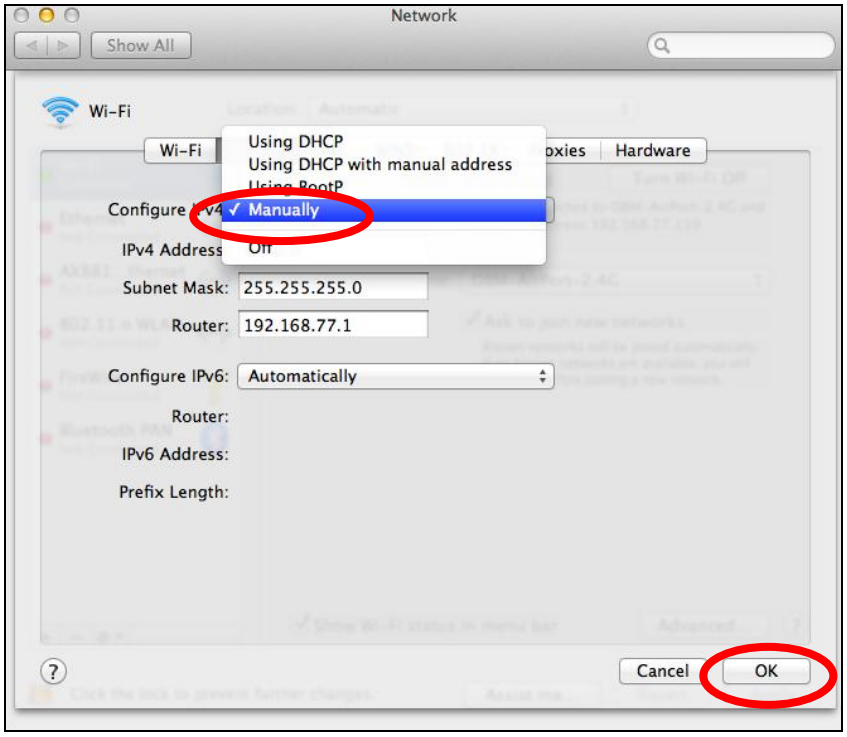
2. In System Preferences, click on “Network”.



3. Click on “Wi-Fi” in the left panel and then click “Advanced” in the lower right corner.

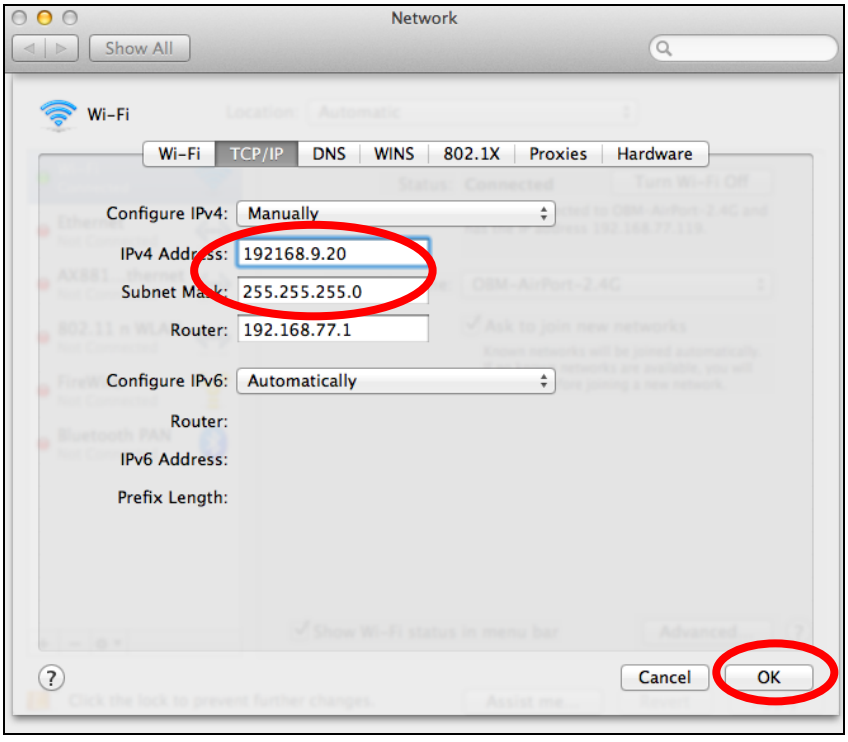


4. Select “TCP/IP” from the top menu and select “Manually” from the drop down menu labeled “Configure IPv4”, then click “OK”.

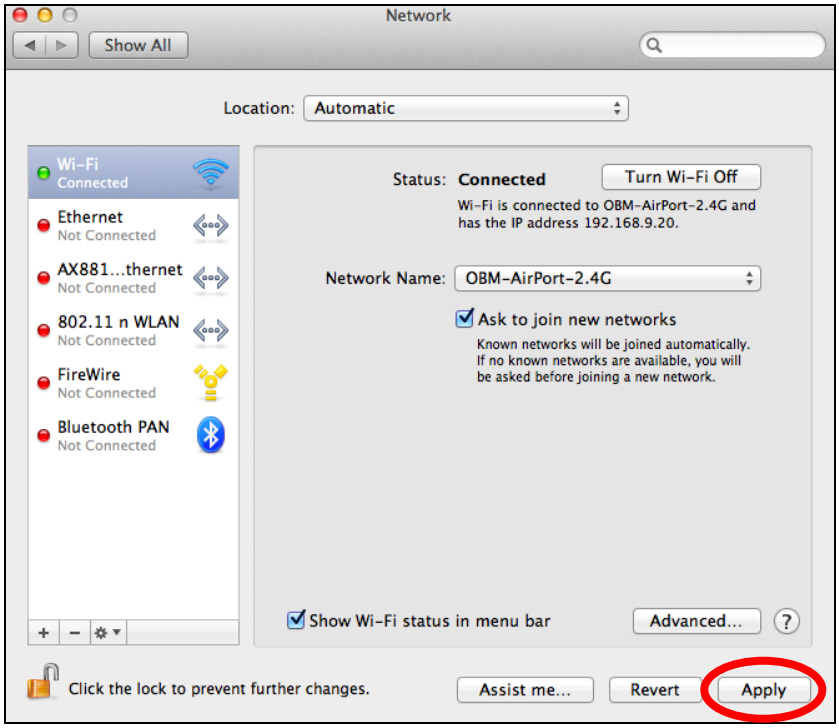


Your existing static IP address will be displayed in the "IP address" field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

5. In the "IPv4 Address" and "Subnet Mask" field enter IP address 192.168.9.20 and subnet mask 255.255.255.0. Click on "OK".



6. Click “Apply” to save the changes.



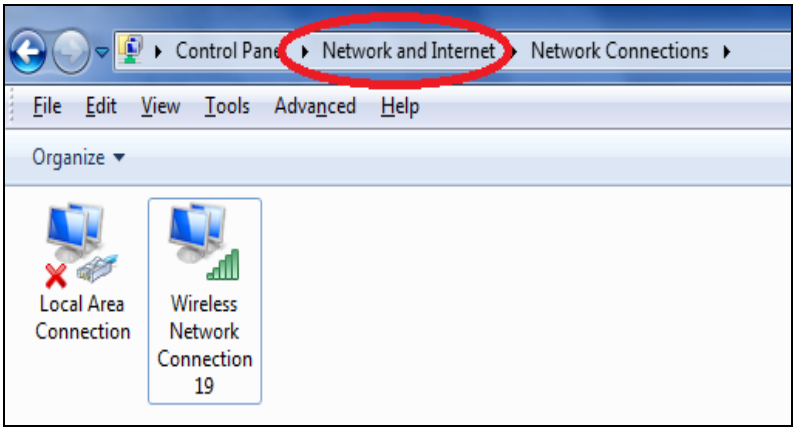
IV-1-3. How to Find Your Network Security Key

To find your network security key, please follow the instructions appropriate for your operating system.

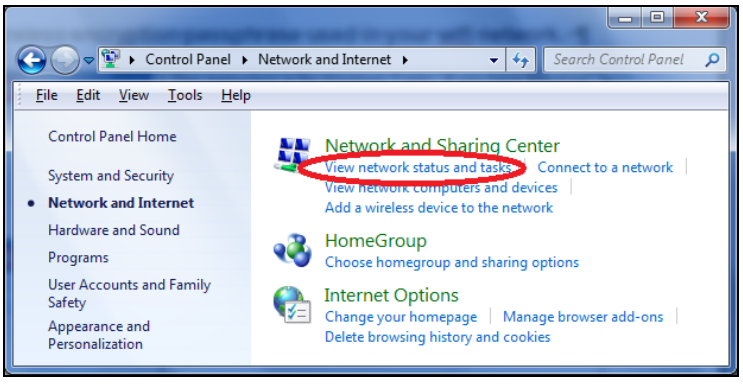
> ***If you are using Windows XP or earlier, please contact your ISP or router manufacturer to find your network security key.***

IV-1-3-1. Windows 7 & Vista

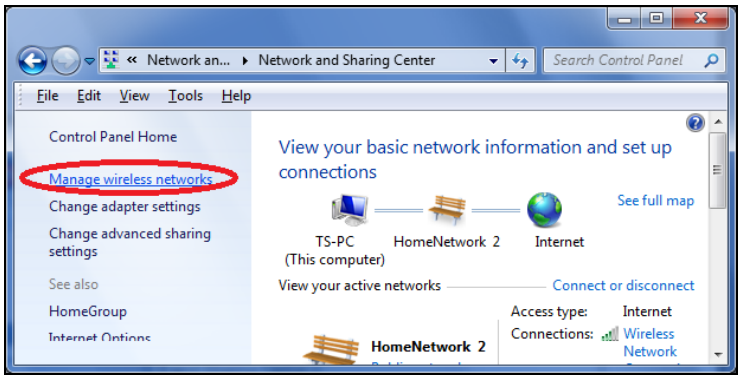
1. Open “Control Panel” and click on “Network and Internet” in the top menu.



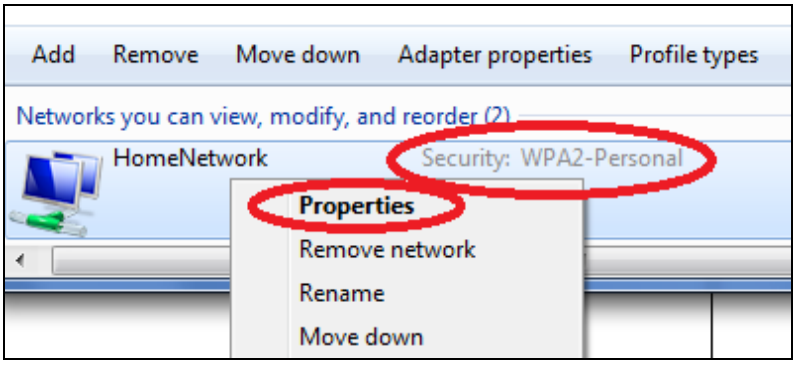
2. Click on “View network status and tasks” which is under the heading “Network and Sharing Center”.



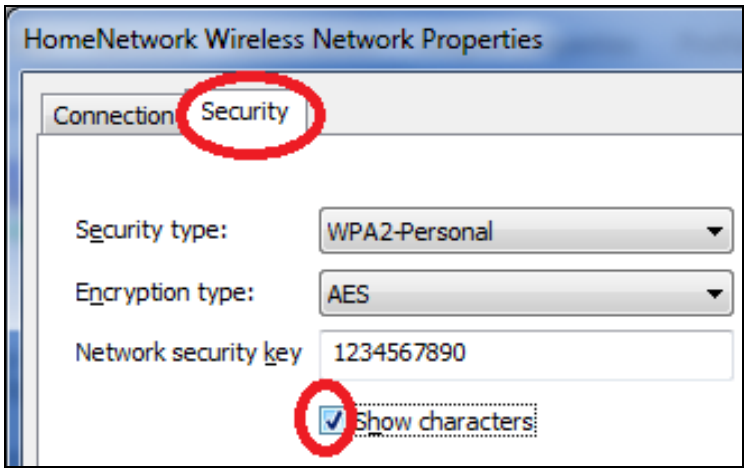
3. Click on “Manage wireless networks” in the left menu.



4. You should see the profile of your Wi-Fi network in the list. Right click on your Wi-Fi network and then click on “Properties”.

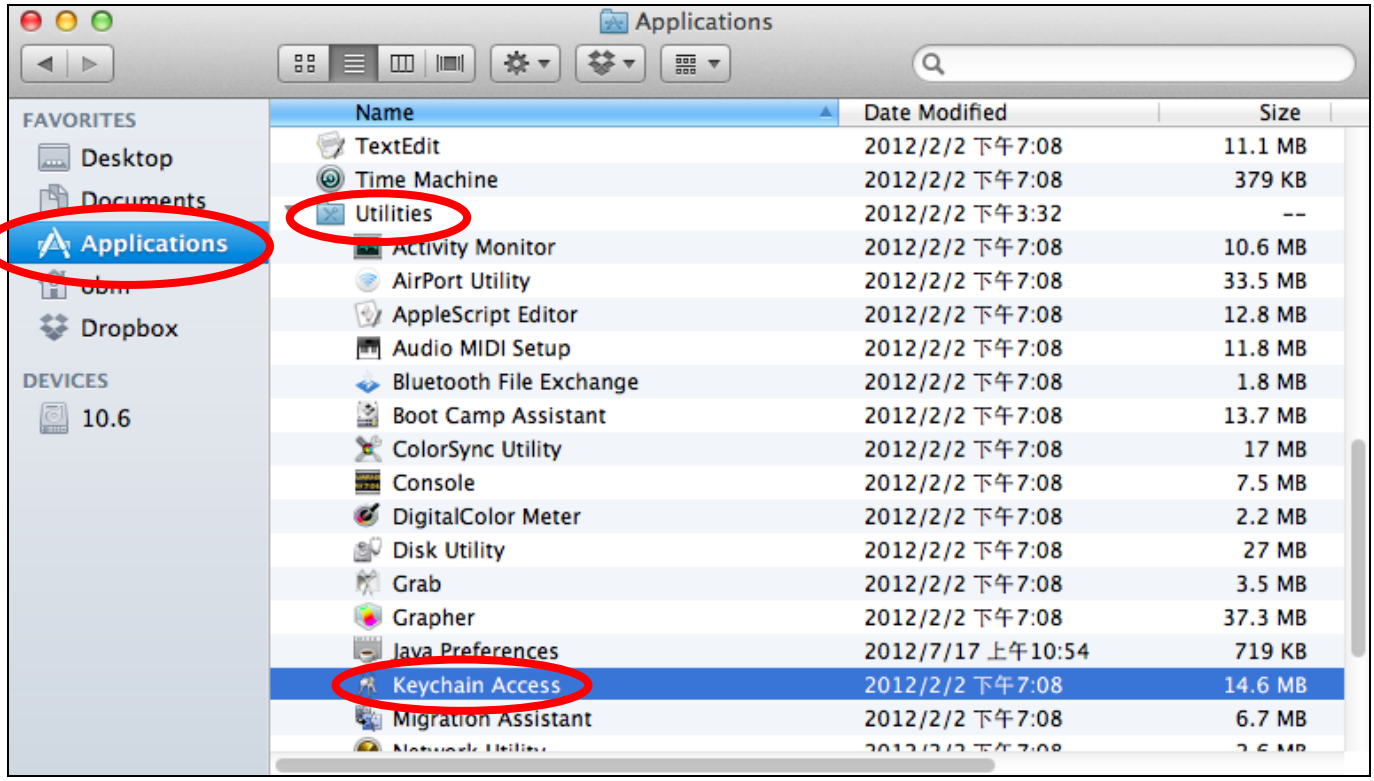


5. Click on the “Security” tab, and then check the box labeled “Show characters”. This will show your network security key. Click the “Cancel” button to close the window.

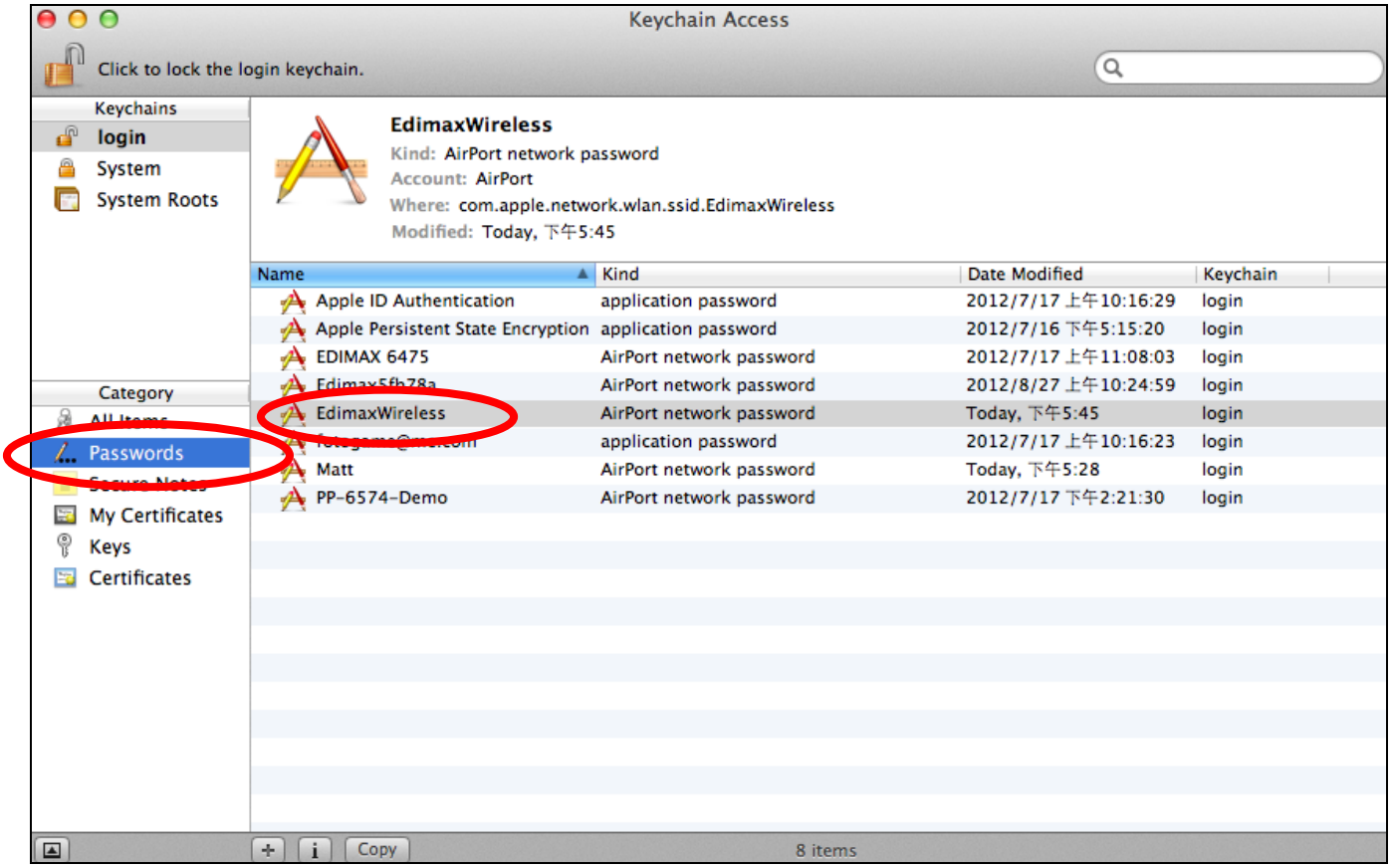


IV-1-3-2. Mac

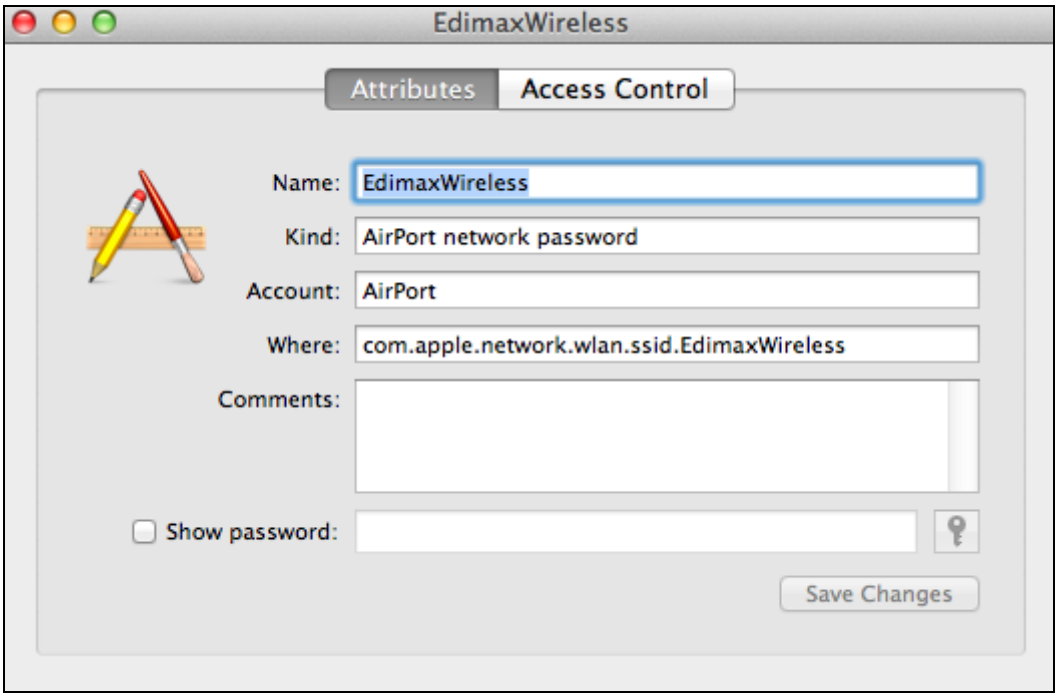
1. Open a new Finder window, and select “Applications” from the menu on the left side. Open the folder labeled “Utilities” and then open the application “Keychain Access”.



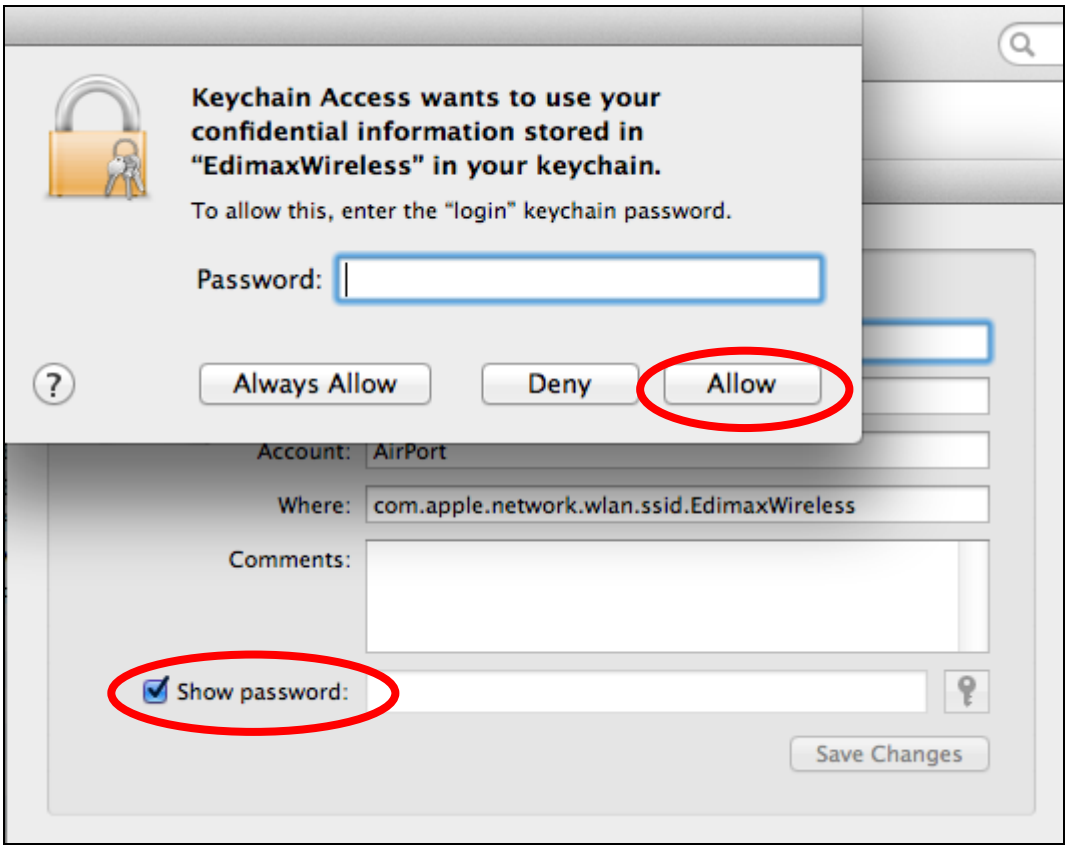
2. Select “Passwords” from the sub-menu labeled “Category” on the left side, as shown below. Then search the list in the main panel for the SSID of your network. In this example, the SSID is “EdimaxWireless” – though your SSID will be unique to your network.



3. Double click the SSID of your network and you will see the following window.



4. Check the box labeled “Show password” and you will be asked to enter your administrative password, which you use to log into your Mac. Enter your password and click “Allow”.



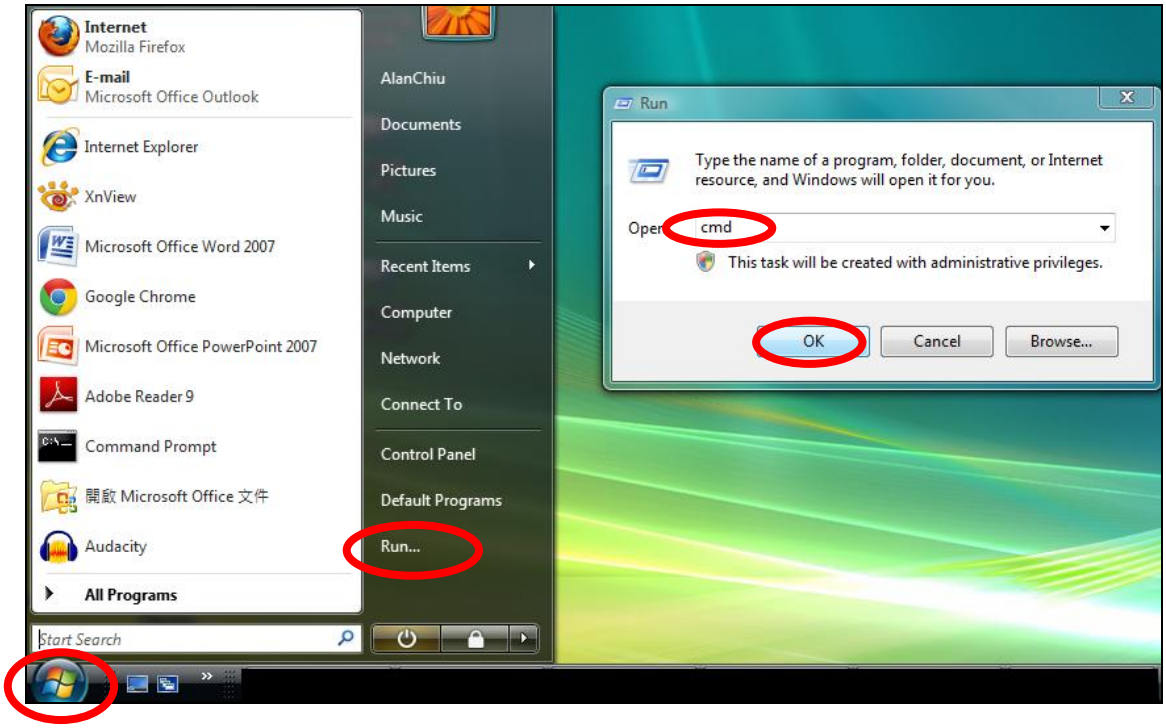
Your network security password will now be displayed in the field next to the box labeled “Show password”. In the example below, the network security password is “edimax1234”. Please make a note of your network security password.

IV-1-4. How to Find Your Router's IP Address

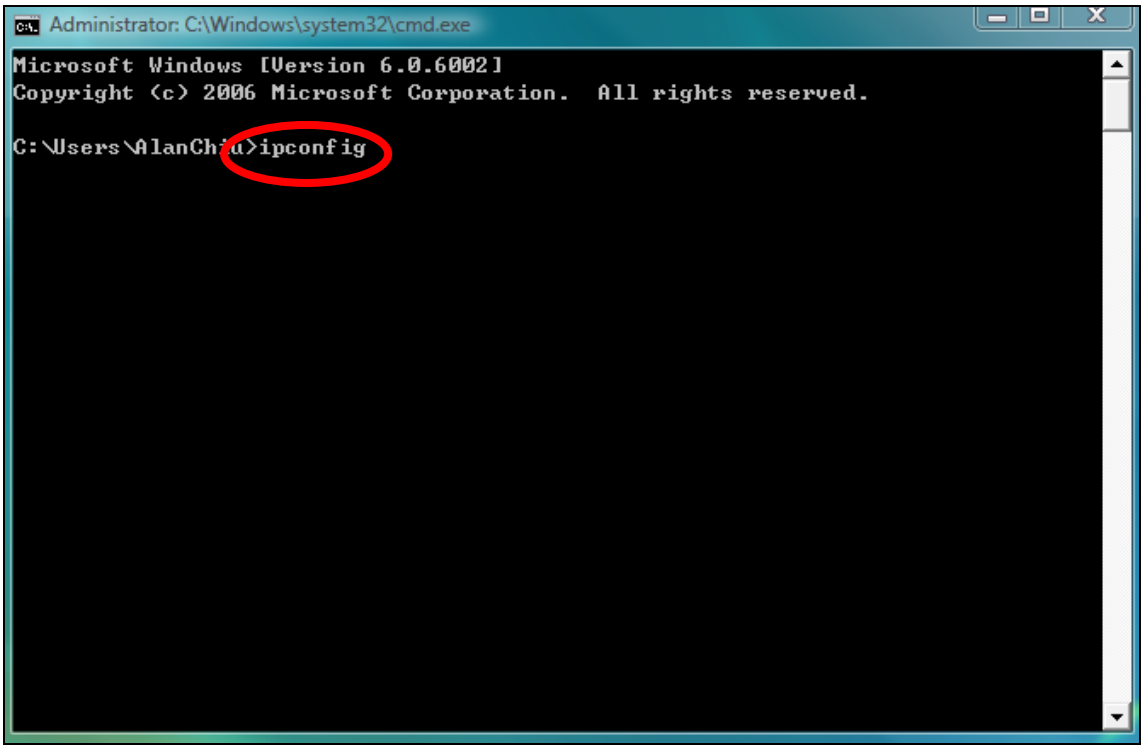
To find your router's IP address, please follow the instructions appropriate for your operating system.

IV-1-4-1. Windows XP, Vista & 7

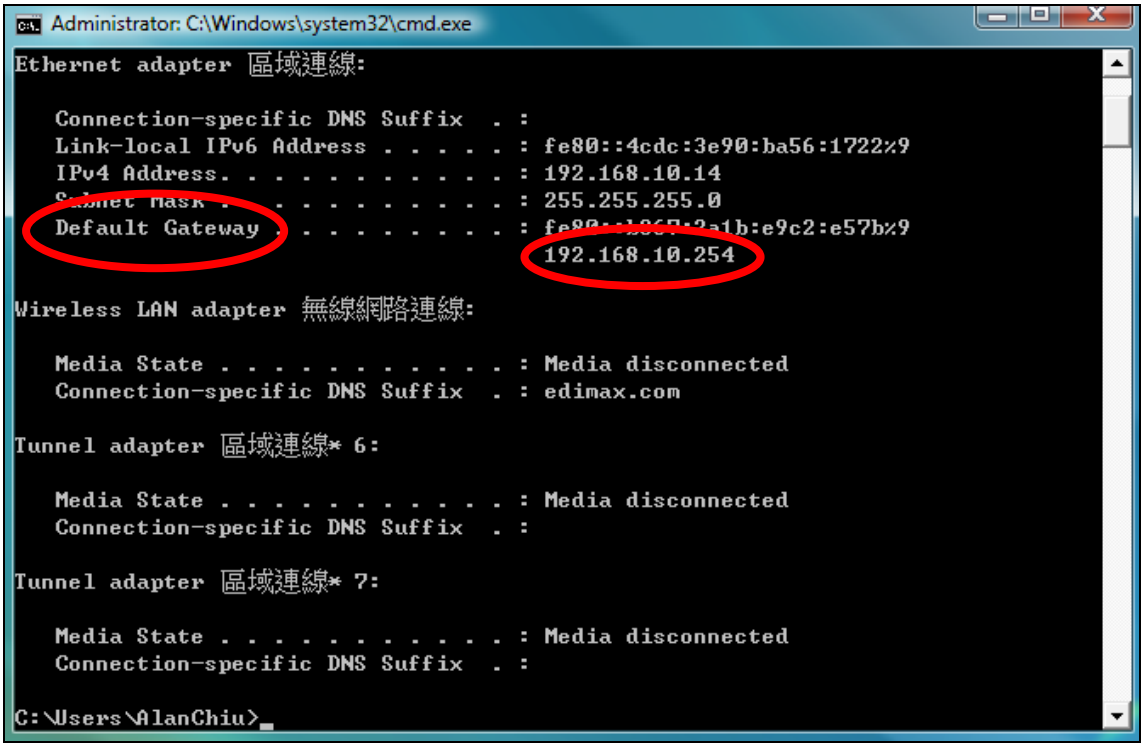
1. Go to "Start", select "Run" and type "cmd", then press Enter or click "OK".



2. A new window will open, type "ipconfig" and press Enter.



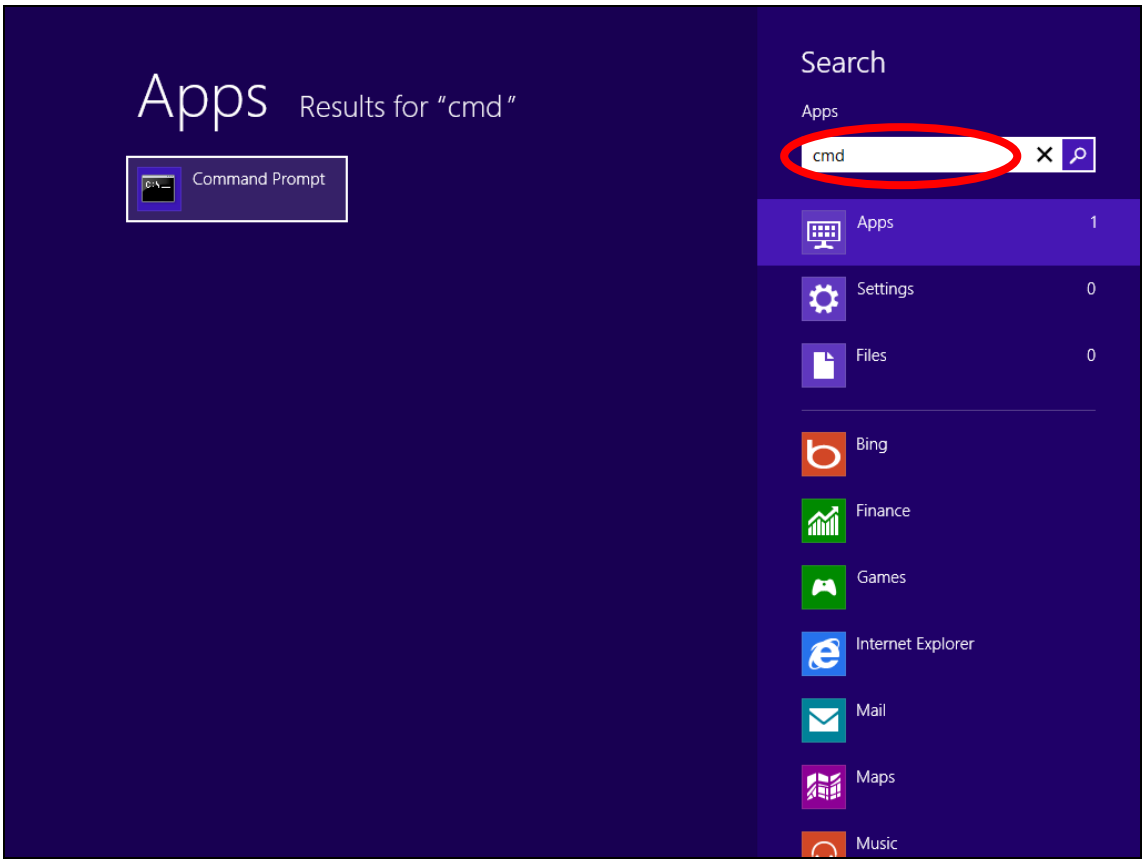
3. Your router's IP address will be displayed next to "Default Gateway".



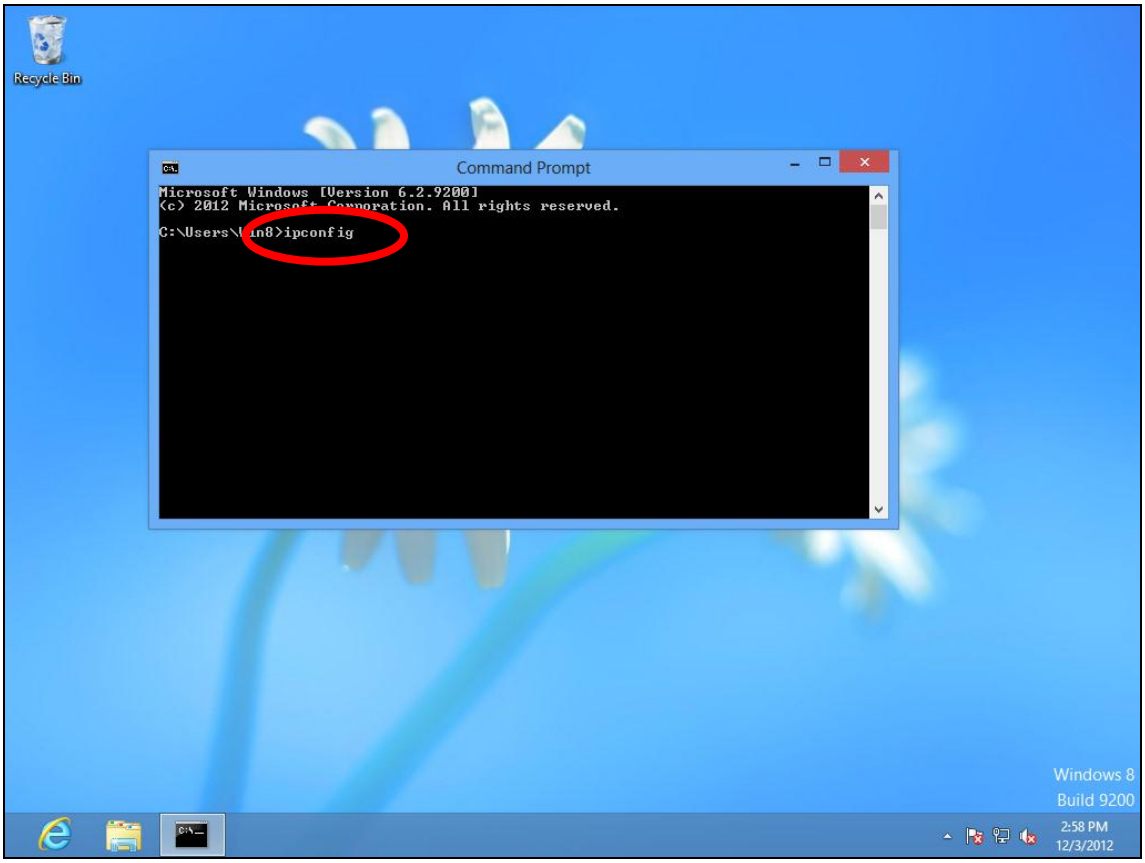
IV-1-4-2. Windows 8

1. From the Windows 8 Start screen, move your curser to the top right corner of the screen to display the Charms bar.

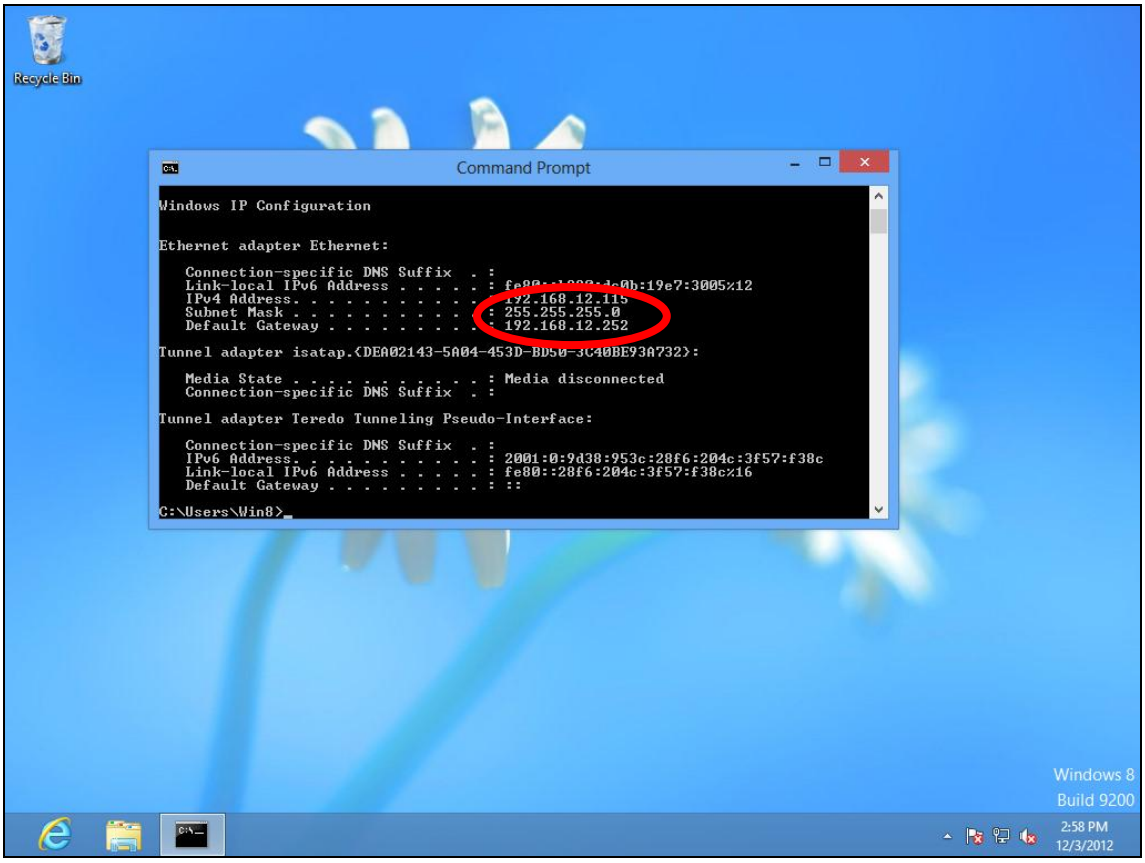
2. Click “Search” and enter “cmd” into the search bar. Click the “Command Prompt” app which be displayed on the left side.



3. A new window will open, type “ipconfig” and press Enter.



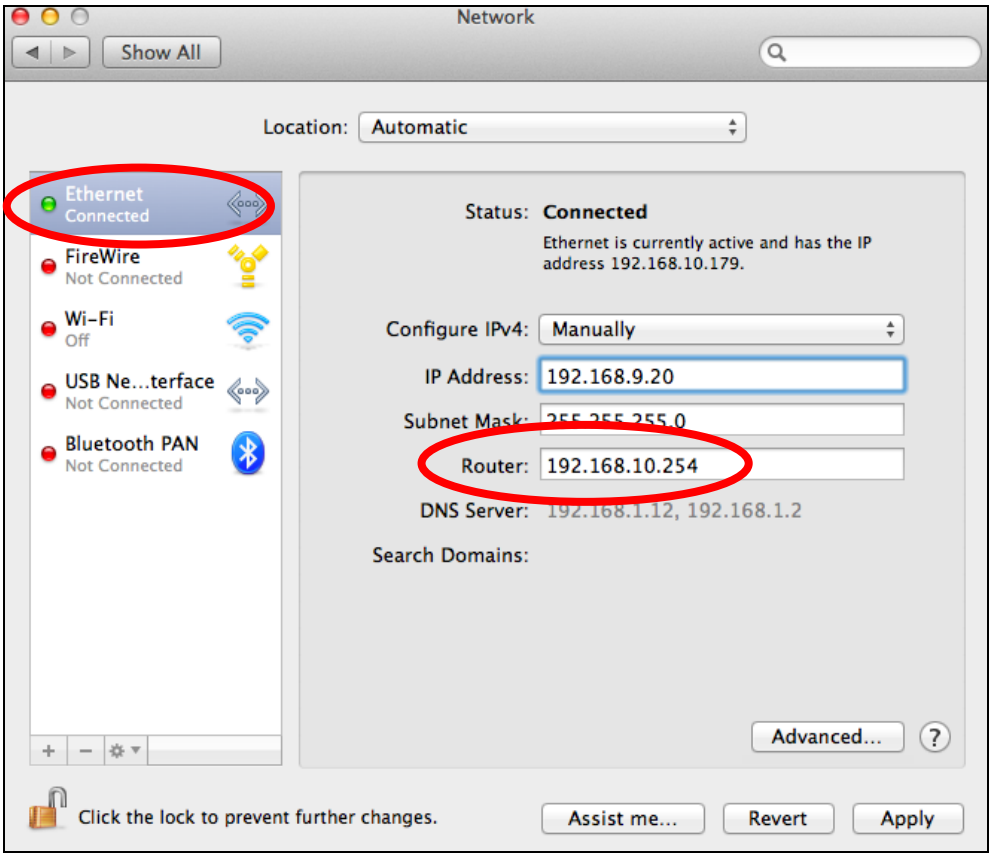
4. Your router's IP address will be displayed next to "Default Gateway".



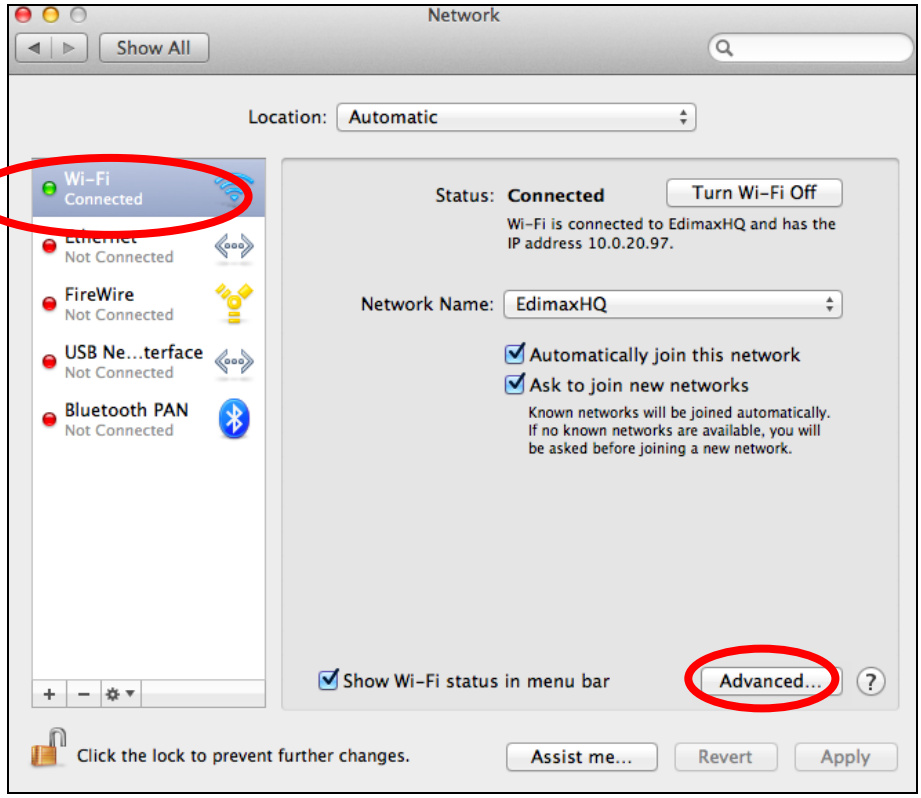
IV-1-4-3. Mac

1. Launch “System Preferences” and click on “Network”.

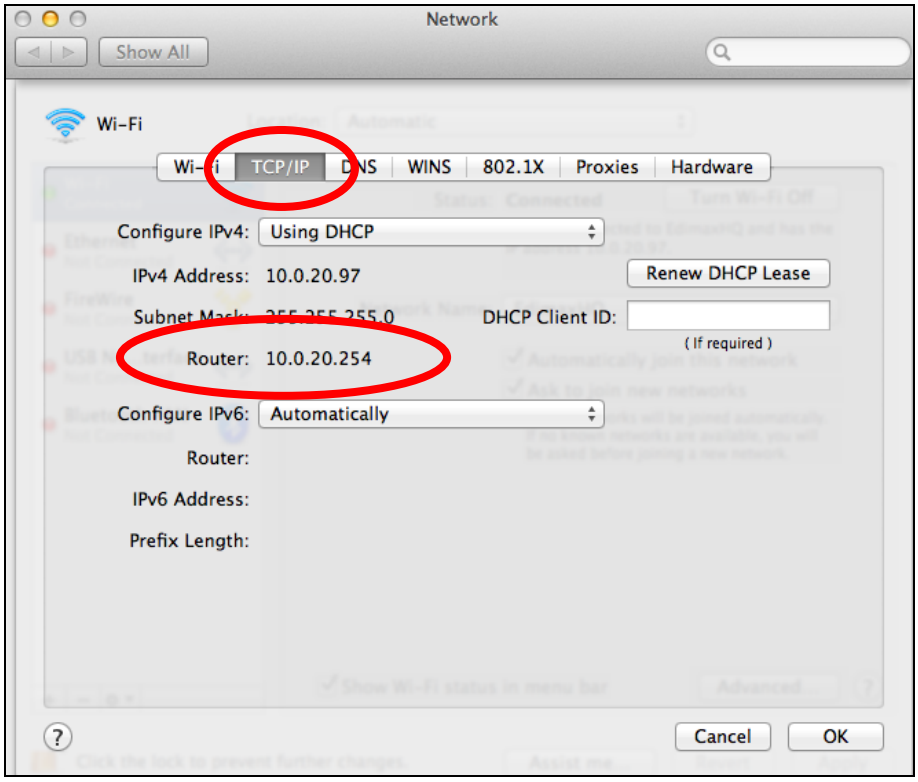
2. If you are using an Ethernet cable to connect to your network, your router’s IP address will be displayed next to “Router”.



3. If you are using Wi-Fi, click “Wi-Fi” in the left panel, and then “Advanced” in the bottom right corner.



4. Click the "TCP/IP" tab and your router's IP address will be displayed next to "Router".

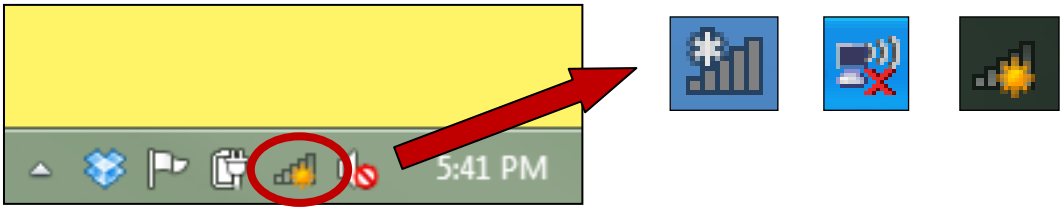


IV-2. Connecting to a Wi-Fi network

For help connecting to your device's ***Edimax**-5GHz*** SSID for initial setup, or to connect to your device's new Wi-Fi network (SSID) after setup is complete, follow the guide below:

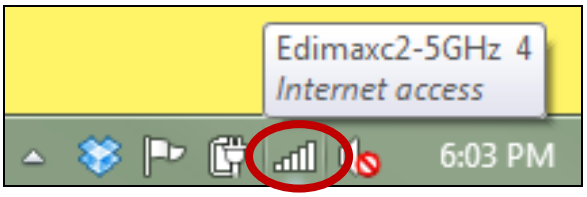
> ***Below is an example of how to connect using Windows 7 – the process may vary slightly for other versions of Windows.***

1. Click the network icon (, or) in the system tray.



2. Search for the SSID of your EW-7288APC and then click "Connect". You may need to enter the password for your network if you set one.

3. After correctly entering your password, you will be successfully connected to the EW-7288APC's wireless network.



IV-3. Troubleshooting

1. Is my EW-7288APC dual-band?

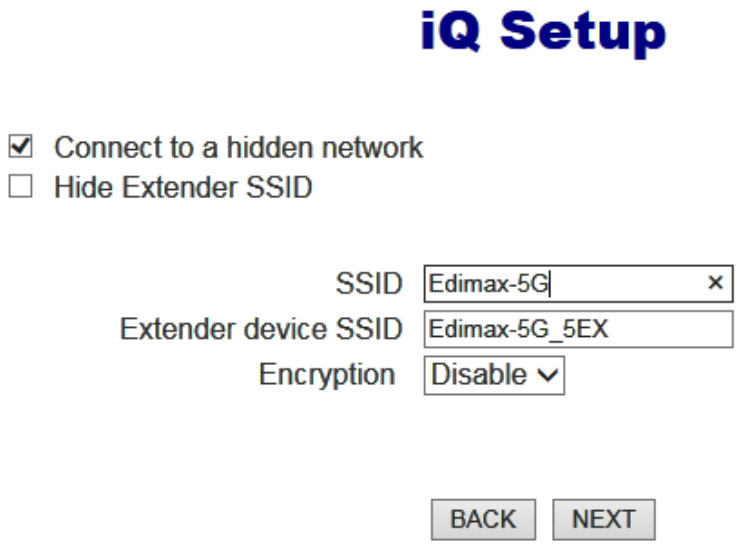
a. No, the EW-7288APC is a 5GHz network device and cannot provide, extend or bridge 2.4GHz Wi-Fi.

2. Does the EW-7288APC work with a 2.4GHz router?

a. Yes, the EW-7288APC can connect to your 2.4GHz router via Ethernet cable in access point mode, and provide an additional 5GHz Wi-Fi network. In Wi-Fi bridge mode, an existing 5GHz router is required.

3. In Wi-Fi Bridge mode, how do I connect to a network which has a hidden SSID?

a. During iQ Setup, check the box labeled “Connect to hidden SSID” and you can manually enter a SSID in the “SSID” field as shown below, along with the relevant encryption information.



SSID	Enter the SSID (network name) of your existing, hidden network.
Extender device SSID	Enter an SSID for the EW-7288APC or use a default which consists of your existing router’s SSID (above) +"_5EX".
Encryption	Select and enter the encryption information for your existing, hidden network.

4. I can't access the Internet.

a. Ensure that all cables are connected properly. Try a different Ethernet cable.
b. Check if you can access the browser based configuration interface. If not, please ensure your Wi-Fi device is set to use a dynamic IP address. If you are unsure how to do this, try using a computer and refer to the user manual for guidance.
c. Connect a computer directly to your modem and check if you can access the Internet. If you can't, please contact your Internet service provider for assistance.

5. I can't open the browser based configuration interface.

a. Please ensure your Wi-Fi device is set to use a dynamic IP address. If you are unsure how to do this, try using a computer and refer to the user manual for guidance.

6. How do I reset my device to factory default settings?

a. To reset the device back to its factory default settings, press and hold the WPS/Reset button for over 10 seconds, until the LED displays **on** and **red** then release the button. Please wait a few minutes for the product to restart. When the device restarts, all settings will be reset. Default settings are displayed on the product label on the bottom of the device, as shown below:

5GHz Wi-Fi (SSID)	This is the default Wi-Fi network name for the device. Search for this name (SSID) and connect to it in order to set up your EW-7288APC.
Wi-Fi Password	This is the default password required to connect to the default SSID (above).
Web Access	This is the EW-7288APC's default URL. Enter this URL in a web browser to run iQ Setup (Wi-Fi Bridge mode) or access the browser based

	configuration interface.
MAC	A MAC address is unique to every device and is used for identification within a network. Your device's unique MAC address is displayed here.
S/N	This is your device's unique serial number for identification & reference purposes.

7. What is the Access Key Card?

a. The access key card included in the box (example shown below) displays a summary of key information about your EW-7288APC, such as the setup SSID, Wi-Fi password, web browser URL and login information, and MAC address. This information is also found on the product label (see above).

8. I forgot my password.

b. Reset the router to its factory default settings and use the default username **admin** and default password **1234**. Default settings are displayed on the product label on the bottom of the device, as shown in **6**.

9. My EW-7288APC has a weak wireless signal.

Weak signals are usually caused by interference from other devices or obstacles blocking the EW-7288APC's wireless signal:

a. Keep the device away from other radio devices such as microwaves or cordless phones.
b. Do not put the device in the corner of a room or under/nearby metal.
c. Ensure there are as few obstacles as possible between the EW-7288APC and your wireless network device.

In Wi-Fi bridge mode, the EW-7288APC's weak wireless signal may be in turn caused by a weak signal from your existing router. It's important to choose a good

location for the EW-7288APC *in relation to your existing wireless router*. The best location is roughly in the middle between your existing wireless router and the area you would like to be covered by the EW-7288APC. If you are too far away from your existing router, then it is difficult for the EW-7288APC to receive a wireless signal.

10. What is the function of the LAN port?

The LAN port has a slightly different function depending on the operating mode of the device:

a. In ***access point*** mode, the *LAN port* is for a direct connection to your existing router.
b. In ***Wi-Fi bridge*** *mode, the LAN port* is for a direct connection to a wired network device, in order to provide Wi-Fi connectivity.

V. Glossary

Default Gateway (Wireless bridge): Every non-access point IP device needs to configure a default gateway's IP address. When the device sends out an IP packet, if the destination is not on the same network, the device has to send the packet to its default gateway, which will then send it out towards the destination.

DHCP: Dynamic Host Configuration Protocol. This protocol automatically gives every computer on your home network an IP address.

DNS Server IP Address: DNS stands for Domain Name System, which allows Internet servers to have a domain name (such as www.Broadbandaccess point.com) and one or more IP addresses (such as 74.125.128.104). A DNS server keeps a database of Internet servers and their respective domain names and IP addresses, so that when a domain name is requested (as in typing "Broadbandaccess point.com" into your Internet browser), the user is sent to the proper IP address. The DNS server IP address used by the computers on your home network is the location of the DNS server your ISP has assigned to you.

DSL Modem: DSL stands for Digital Subscriber Line. A DSL modem uses your existing phone lines to transmit data at high speeds.

Ethernet: A standard for computer networks. Ethernet networks are connected by special cables and hubs, and move data around at up to 10/100 million bits per second (Mbps).

IP Address and Network (Subnet) Mask: IP stands for Internet Protocol. An IP address consists of a series of four numbers separated by periods, that identifies a single, unique Internet computer host in an IP network. Example: 192.168.2.1. It consists of 2 portions: the IP network address, and the host identifier.

The IP address is a 32-bit binary pattern, which can be represented as four cascaded decimal numbers separated by ".": aaa.aaa.aaa.aaa, where each "aaa" can be anything from 000 to 255, or as four cascaded binary numbers separated by ".": bbbbbbbb.bbbbbbbb.bbbbbbbb.bbbbbbbb, where each "b" can either be 0 or 1.

A network mask is also a 32-bit binary pattern, and consists of consecutive leading 1's followed by consecutive trailing 0's, such as 11111111.11111111.11111111.00000000. Therefore sometimes a network mask can also be described simply as "x" number of leading 1's.
When both are represented side by side in their binary forms, all bits in the IP address that correspond to 1's in the network mask become part of the IP network address, and the remaining bits correspond to the host ID.

For example, if the IP address for a device is, in its binary form, 11011001.10110000.10010000.00000111, and if its network mask is, 11111111.11111111.11110000.00000000
It means the device's network address is 11011001.10110000.10010000.00000000, and its host ID is, 00000000.00000000.00000000.00000111. This is a convenient and efficient method for access points to route IP packets to their destination.

ISP Gateway Address: (see ISP for definition). The ISP Gateway Address is an IP address for the Internet access point located at the ISP's office.

ISP: Internet Service Provider. An ISP is a business that provides connectivity to the Internet for individuals and other businesses or organizations.

LAN: Local Area Network. A LAN is a group of computers and devices connected together in a relatively small area (such as a house or an office). Your home network is considered a LAN.

MAC Address: MAC stands for Media Access Control. A MAC address is the hardware address of a device connected to a network. The MAC address is a unique identifier for a device with an Ethernet interface. It is comprised of two parts: 3 bytes of data that corresponds to the Manufacturer ID (unique for each manufacturer), plus 3 bytes that are often used as the product's serial number.

NAT: Network Address Translation. This process allows all of the computers on your home network to use one IP address. Using the broadband access point's NAT capability, you can access the Internet from any computer on your home network without having to purchase more IP addresses from your ISP.

Port: Network Clients (LAN PC) uses port numbers to distinguish one network application/protocol over another. Below is a list of common applications and protocol/port numbers:

Application	Protocol	Port Number
Telnet	TCP	23
FTP	TCP	21
SMTP	TCP	25
POP3	TCP	110
H.323	TCP	1720
SNMP	UCP	161
SNMP Trap	UDP	162
HTTP	TCP	80
PPTP	TCP	1723
PC Anywhere	TCP	5631
PC Anywhere	UDP	5632

Access point: A access point is an intelligent network device that forwards packets between different networks based on network layer address information such as IP addresses.

Subnet Mask: A subnet mask, which may be a part of the TCP/IP information provided by your ISP, is a set of four numbers (e.g. 255.255.255.0) configured like an IP address. It is used to create IP address numbers used only within a particular network (as opposed to valid IP address numbers recognized by the Internet, which must be assigned by InterNIC).

TCP/IP, UDP: Transmission Control Protocol/Internet Protocol (TCP/IP) and User Datagram Protocol (UDP). TCP/IP is the standard protocol for data transmission over the Internet. Both TCP and UDP are transport layer protocol. TCP performs proper error detection and error recovery, and thus is reliable. UDP on the other hand is not reliable. They both run on top of the IP (Internet Protocol), a network layer protocol.

WAN: Wide Area Network. A network that connects computers located in geographically separate areas (e.g. different buildings, cities, countries). The Internet is a wide area network.

Web-based management Graphical User Interface (GUI): Many devices support a graphical user interface that is based on the web browser. This means the user can use the familiar Netscape or Microsoft Internet Explorer to Control/configure or monitor the device being managed.

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Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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:

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

FCC Caution

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. 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. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

Federal Communications Commission (FCC) 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 & your body.

R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

EU Countries Not Intended for Use

None

EU Declaration of Conformity

English: This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, 2009/125/EC.

Français: Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 1999/5/CE, 2009/125/CE.

Čeština: Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 1999/5/ES, 2009/125/ES.

Polski: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 1999/5/EC, 2009/125/EC.

Română: Acest echipament este în conformitate cu cerinţele esenţiale şi alte prevederi relevante ale Directivei 1999/5/CE, 2009/125/CE.

Русский: Это оборудование соответствует основным требованиям и положениям Директивы 1999/5/EC, 2009/125/EC.

Magyar: Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (1999/5/EK, 2009/125/EC).

Türkçe: Bu cihaz 1999/5/EC, 2009/125/EC direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.

Українська: Обладнання відповідає вимогам і умовам директиви 1999/5/EC, 2009/125/EC.

Slovenčina: Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 1999/5/ES, 2009/125/ES.

Deutsch: Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 1999/5/EC, 2009/125/EC.

Español: El presente equipo cumple los requisitos esenciales de la Directiva 1999/5/EC, 2009/125/EC.

Italiano: Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 1999/5/CE, 2009/125/CE.

Nederlands: Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 1999/5/EC, 2009/125/EC.

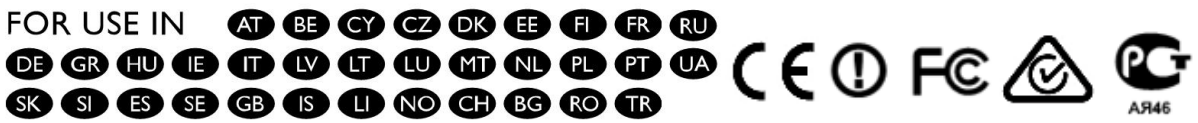
Português: Este equipamento cumpre os requesitos essênciais da Directiva 1999/5/EC, 2009/125/EC.

Norsk: Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 1999/5/EC, 2009/125/EC.

Svenska: Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 1999/5/EG, 2009/125/EG.

Dansk: Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 1999/5/EC, 2009/125/EC.

Suomi: Tämä laite täyttää direktiivien 1999/5/EY, 2009/125/EY oleelliset vaatimukset ja muut asiaankuuluvat määräykset.



WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the European R&TTE directives.

Equipment: AC450 5GHz Band Extender
Model No.: EW-7288APC

The following European standards for essential requirements have been followed:

Directives 1999/5/EC

Spectrum	:	ETSI EN 301 893 V1.7.1 (2012-06)
EMC	:	EN 301 489-1 V1.9.2 (2011-09); EN 301 489-17 V2.2.1 (2012-09);
Safety (LVD)	:	IEC 60950-1:2005 (2nd Edition);Am 1:2009 EN 60950-1:2006+A11:2009+A1:2010+A12:2011

Recommendation19 99/5/EC

EMF	:	EN 62311:2008

Directives 2006/95/EC

Safety (LVD)	:	IEC 60950-1:2005 (2nd Edition);Am 1:2009 EN 60950-1:2006+A11:2009+A1:2010+A12:2011

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Date of Signature: June, 2014
Signature:
Printed Name: Albert Chang
Title: Director
Edimax Technology Co., Ltd.


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