

BR-6476AC



Edimax Technology Co., Ltd.

No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Email: support@edimax.com.tw

Edimax Technology Europe B.V.

Fijenhof 2, 5652 AE Eindhoven, The Netherlands Email: support@edimax.nl

Edimax Computer Company

3444 De La Cruz Blvd., Santa Clara, CA 95054, USA Live Tech Support: 1(800) 652-6776 Email: support@edimax.com

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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):







BR-6476AC (5GHz Antennas x 2 + 2.4GHz Antenna x 2 with 5dBi)

Quick Installation Guide

Power Adapter

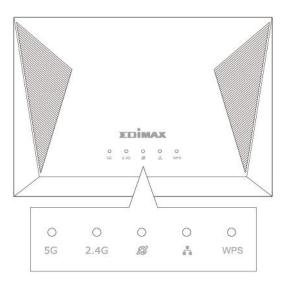


Ethernet Cable

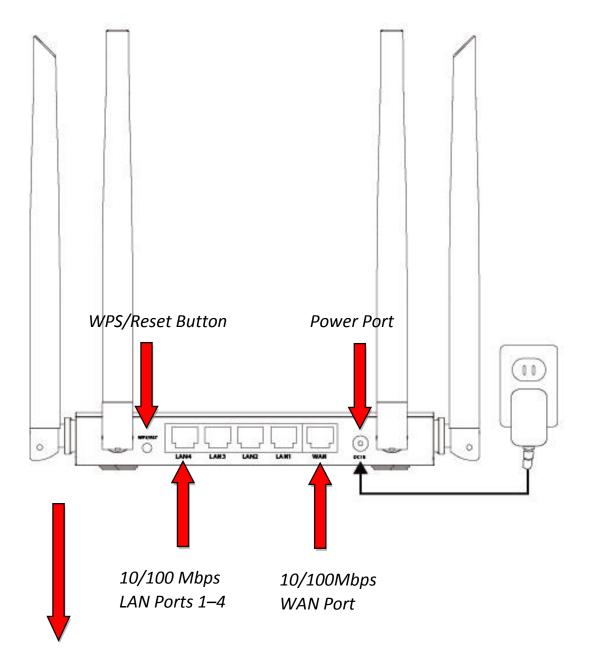


Download product material here <u>https://www.edimax.com/download</u>

I-2. LED Status



LED	Names	LED Status	Description
50		Flashing	The 5G connection has been activated.
5G	5G	Off	Wi-Fi is not active.
		Flashing	The 2.4G connection has been activated.
2.4G	2.4G	Off	Wi-Fi is not active.
		On	WAN activity.
Ø	WAN	WAN Flashing WAN port connected but ina	
		Off	WAN port not connected.
A		On	Ethernet port is connected to a network device.
	LAN	Off	Ethernet port is not connected to a network device.
WPS		Flashing	Negotiation is in progress through Wi-Fi Protected Setup.
	WPS	Off	WPS is disabled or standby.



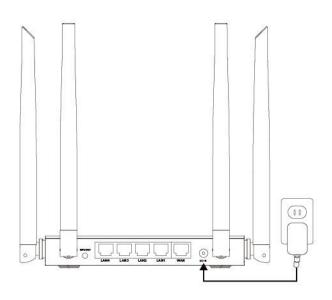
BR 6476AC 5GHz Antennas x 2 + 2.4GHz Antenna x 2 with 5dBi

I-4. Safety Information

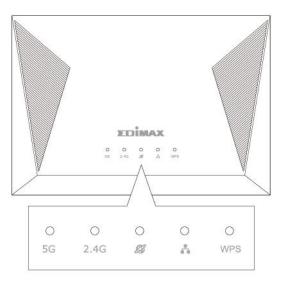
In order to ensure the safe operation of the device and its users, please read and act in accordance with the following safety instructions.

- 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 BR-6476AC.
- 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, dust, corrosive liquids 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.
- 9. Plug this product directly into a wall socket (100-240V[~], 50/60Hz). Do not use an extension cord between this product and the AC power source.
- 10. The Operating temperature is $0^{\circ}C \sim 40^{\circ}C$ ($32^{\circ}F \sim 104^{\circ}F$). The Storage temperature is $-40^{\circ}C \sim 70^{\circ}C$ ($-40^{\circ}F \sim 158^{\circ}F$).

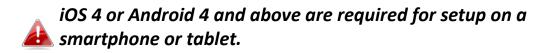
1. Plug the included power adapter into the device's 12V DC power port and the other end into an electrical socket.



2.Ensure that the LED is lit. If not, the device is not properly connected.



3.Use a Wi-Fi device (e.g. computer, tablet, smartphone) to search for a Wi-Fi network with the SSID "edimax_2.4G_xx or edimax_5G_xx(xx is the last two codes of MAC Address)" and connect to it.



4.Open a web browser and enter the URL *http://192.168.2.1* and begin the setup process.

		English -	
User Name: Password:	admin		
1 2554014.	OK Cancel		

If you cannot access <u>http://192.168.2.1</u>, please make sure your computer is set to use a dynamic IP address. Refer to <u>IV-1</u>. <u>Configuring your IP address</u> for more information.

5.Enter new password, confirmed and click "NEXT' to continue.

	2
Wizard	Wizard
	Quick Configuration
Set New Password	
	New Password
	Confirm Password
	Back NEXT EXIT

6.Select the mode for your BR-6476AC and click "NEXT" to continue.

Wizard	Wizard	Status	Network	Wireless	Advanced	QoS	Tools
	Quick Config	uration					
Quick Configuration							
	 Rout WISI Univ 	er Wired con P Wirelessly o ersal Repeate	connect to ISP sta r Extend your ex	ble Modem via W/ ation/hotspot to sh	nare Internet to local verage by relaying v	wireless an	

Wi-Fi Router	The device connects to your modem and enables Internet (wireless and Ethernet) access on your network devices.
WISP Mode	The device connects wirelessly to your Wireless Internet Service Provider and provides 2.4GHz and/or 5GHz Internet (wireless and Ethernet) access for your network devices.
Universal Repeater	The device will act as a wireless range extender that will help you to extend your Wi-Fi network. The device acts as a client and AP at the same time. It its client function to connect to a root AP, and uses its AP function to service wireless clients within its coverage.
Access Point	The device connects to an existing router via Ethernet cable and provides Internet (wireless and Ethernet) access for your network devices.

Follow the appropriate instructions for your operating mode:

II-1. Wi-Fi Router Mode

- Connect the blue WAN port of your BR-6476AC to the LAN port of your modem using an Ethernet cable, and then log on to <u>http://192.168.2.1</u>.
- **2.** Select "Router" mode and click "NEXT".

Wizard	Wizard	Status	Network	Wireless	Advanced	QoS	Tools
	Quick Config	uration					
Quick Configuration							
	Pleases	select operatio	n mode for Rout	er:			
	Rout	er Wired con	nect to ADSL/Cal	ble Modem via W	AN port and share li	nternet to loc	al wireless and wired network.
		Wirelessly of the second se	connect to ISP st	ation/hotspot to sh	are Internet to loca	wireless an	d wired network.
					verage by relaying v	vireless sign	al.
	() AP	I ransform you	r existing wired r	network to a wirele	ss network.		
					Back	NEXT	

3. You can select "Dynamic IP", "Static IP", and "PPPOE" mode.

EDIMAX NETWORKING PEOPLE TOGETHER							
Wizard	Wizard	Status	Network	Wireless	Advanced Settings	QoS	Tools
	Quick Con						
WAN Settings							
WAN Settings							
	Ple	ase select W	AN connection	type,then enter	the right infomation which	provided b	y ISP, and click "Next" to continue.
				Connection Ty	vpe Dynamic IP		T
					Static IP		
					Dynamic IP PPPOE		
					Dau		ΣΛι

4. Confirm the configuration details for your wireless network, then click "NEXT" to continue.

Wizard	Wizard	Status	Network	Wireless	Advar	nced Settings	QoS	Tools			
Wizura	Quick Con	figuration									
Wireless Settings									 	 	
	This	s sector is us	ed to set wirele	ess paramters for	r your loc	cal network.					
	5	<u>G Con</u>	<u>figurati</u>	on							
				SS	D	edimax_5G_6c					
				Chann	nel	AutoSelect			•		
				Security Mod	de	Disable			•		
	<u>2</u> .	4G Co	onfigura	ation							
				SS	D	edimax_2.4G_6	с				
				Chann	nel	AutoSelect			Y		
				Security Mod	de	Disable			Y		
						Bac	k Ne	xt			

5. Please click "Save" to reboot the device and activate the configuration.

Wizard	Wizard	Status	Network	Wireless	Advanced	QoS	Tools
Occurrentelational	Quick Config	guration					
Congratulations!	You are congfiu		e device to work	as Router mode	. If you have confirr	ned settings,	please click Save to reboot the device and activate the
					Back	Save	
			ß				

6. Please wait a moment until the BR-6476AC is ready.

	_			G₂.
	Restarting	g Please wait!49%		
)		

7. When the setup is complete. *Please close the browser window.*

8.The BR-6476AC is working and ready for use. You can now connect to the device's new SSID. Please refer to <u>IV-2. Connecting to a Wi-Fi network</u> if you require more guidance.

II-2. WISP Mode

- **1.**Please ensure your BR-6476AC is within Wi-Fi range of your WISP network. Log on to <u>http://192.168.2.1</u> to configure your device.
- **2.**Select WISP mode and click "NEXT".

Wizard	Wizard Status Network Wireless Advanced Settings QoS Tools
	Quick Configuration
Quick Configuratio	n
	Please select operation mode for Router:
	Router Wired connect to ADSL/Cable Modern via WAN port and share Internet to local wireless and wired network.
	WISP Wirelessly connect to ISP station/hotspot to share Internet to local wireless and wired network.
	O Universal Repeater Extend your existing wireless coverage by relaying wireless signal.
	 AP Transform your existing wired network to a wireless network.
	Back NEXT

3.Click "Site Survey" to scan the wireless signals and connect to desired device.

Wizard	Wizard	Status	Network	Wireless A	dvanced Settings	QoS Tools			
	Quick Cor	figuration							
Remote Settings									
					al, then select the remote le 2.4G wireless channels			an" button to empty the sca	n list.(Be sure
				Remote SSID					
			2.4	4G/5G Channel	2437MHz (Channel	6)	Ŧ		
				Security Mode	Disable				
					Back	Next			
					Clos	e Scan			
		Choose	SSI	ID	MAC	Channel		Security	Signal

4.A summary of your wireless configuration will be displayed, as shown below. Check that all of the details are correct and then click "NEXT" to proceed.

Wizard	Wizard	Status	Network	Wireless	Adva	anced Settings	QoS	Tools		
	Quick Con	figuration								
Wireless Settings										
Windows Countys			^{ed to set wirele figurati}	ess paramters fo	r your k	ocal network.				
				SS	ID	edimax_5G_6c				
				Chanr	nel	AutoSelect			T	
				Security Mo	de	Disable			•	
	<u>2</u> .	4G Co	onfigura	ation						
				SS	ID	edimax_2.4G_6c				
				Chanr	nel	2437MHz (Chan	nel 6)		٣	
				Security Mo	de	Disable			•	
						Back	Ne	ext		

5.Please click "Save" to reboot the device and activate the configuration.

Wizard	Wizard	Status	Network	Wireless	Advanced Settings	QoS	Tools
	Quick Config	guration					
Congratulations							
	You are congfiur		e device to work	as WISP mode	If you have confirmed settings,p Back Save	lease click \$	Save to reboot the device and activate the

6.Please wait a moment until the BR-6476AC is ready.

	R
Restarting Please wait!74%	

7.When the setup is complete, please close the browser window.

8.The BR-6476AC is working and ready for use. You can now connect to the device's new SSID. Please refer to <u>IV-2. Connecting to a Wi-Fi network</u> if you require more guidance.

II-3. Universal Repeater Mode

- **1.** Please ensure your BR-6476AC is within Wi-Fi range of your existing wireless router. Log on to <u>http://192.168.2.1</u> to configure your device.
- **2.** Select Repeater Mode and click "NEXT".

Wizard	Wizard
	Quick Configuration
Quick Configuration	
	Please select operation mode for Router:
	O Router Wired connect to ADSL/Cable Modem via WAN port and share Internet to local wireless and wired network.
	O WISP Wirelessly connect to ISP station/hotspot to share Internet to local wireless and wired network.
	Universal Repeater Extend your existing wireless coverage by relaying wireless signal.
	O AP Transform your existing wired network to a wireless network.
	Back NEXT EXIT

If the Wi-Fi network you wish to connect to does not appear, try clicking "Refresh".

Wizard	Wizard Status	Network Wireless A	Advanced Settings Qo	S Tools		
	Quick Configuration					
Remote Settings						
	011 1 1011 0					
		vey" button to scan the wireless sign rrrect channel: 1 ~ 11 channels for th				n list.(Be sure
		Remote SSID				
		2.4G/5G Channel	2437MHz (Channel 6)		Ŧ	
		Security Mode	Disable		Y	
			Back	Next		
			Close S	can		
	Choose	SSID	MAC	Channel	Security	Signal

3. The device will search for nearby wireless networks to connect to. If you cannot find the access point you wish to connect to, click "Site Survey" to refresh the list of wireless networks. Select the wireless network you wish to connect to, and click "NEXT" to continue.

GS-5424PLC edimax123.ddns.net/logi	n.html				
Wizard	Wizard Status Netwo	ork Wireless A	dvanced Settings QoS	Tools	
	Quick Configuration				
Wireless Settings					
		wireless paramters for you	ir local network.		
	<u>5G Configur</u>	ration			
		SSID	edimax_5G_6c		
		Channel	AutoSelect	•	
		Security Mode	Disable	•	
	2.4G Config	uration			
		SSID	edimax_2.4G_6c		
		Channel	2437MHz (Channel 6)	v	
		Security Mode	Disable	•	
			Back Next		
			Support Wireless Roan	ning	

4. A summary of your wireless configuration will be displayed, as shown below. Check that all of the details are correct and then click "NEXT" to proceed. Click on Support Wireless Roaming to display the existing wireless configuration.

Wizard	Wizard Status Network V Quick Configuration	Wireless Advanced	QoS	Tools	
Wireless Settings	This sector is used to set wireless paramter		member the Pass	Phrase!	 La La
		SSID RGGG2 hannel AutoSelect			
	Security WPA Algo			Y	
	Pass P	Phrase Back	NEXT		
		Recover	y Configuration		

The device will use the same wireless password/security key as the existing wireless network.

5.Please click "Save" to reboot the device and activate the configuration.

Wizard	Wizard	Status	Network	Wireless	Advanced	QoS	Tools
	Quick Config	guration					
Congratulations!							
	You are		e device to work	as Universal Rep	Back	Save	ettings,please click Save to reboot the device and activate the

6.Please wait a moment until the BR-6476AC is ready.

		l⊋
	Restarting Please wait174%	

7. When the setup is complete. *Please close the browser window.*

8.The BR-6476AC is working and ready for use. You can now connect to the device's new SSID. Please refer to <u>IV-2. Connecting to a Wi-Fi network</u> if you require more guidance.

II-4. Access Point Mode

1. Connect the yellow LAN port of your BR-6476AC to the LAN port of your existing router using an Ethernet cable, and then log on to <u>http://192.168.2.1.</u>

Wizard	Wizard	Status	Network	Wireless	Tools	
WIZUIG	Quick Config	juration				
Quick Configurati	on					
	Please	select operatio	n mode for Rout	er:		
	Route	ter Wired con	nect to ADSL/Ca	ble Modem via W	AN port and share Internet to loo	cal wireless and wired netv
	WIS	P Wirelessly	connect to ISP st	ation/hotspot to st	nare Internet to local wireless ar	id wired network.
	🔘 Univ	ersal Repeate	r Extend your ex	isting wireless co	verage by relaying wireless sigr	ial.
	AP	Transform you	r existing wired r	etwork to a wirele	ess network.	
						L.

- **2.** Select "AP" mode and click "NEXT".
- **3.** Confirm the configuration details for your wireless network, then click "NEXT" to continue.

Wizard	Wizard	Status	Network	Wireless	Adva	anced Settings	QoS	Tools		
	Quick Conf	iguration								
Wireless Settings										
	This	sector is use	ed to set wirele	ss paramters fo	r <mark>your</mark> k	ocal network.				
	<u>50</u>	G Con	<u>figurati</u>	<u>on</u>						
				ss	ID	edimax_5G_6c				
				Chann	el	AutoSelect			T	
				Security Mo	de	Disable			•	
	<u>2.</u>	4G Co	onfigura	ation						
				SS	ID	edimax_2.4G_6c				
				Chann	el	2437MHz (Chan	nel 6)		•	
				Security Mo	de	Disable			¥	
						Back	N	ext		

4. Please click "Save" to reboot the device and activate the configuration.

Wizard	Wizard	Status	Network	Wireless	Tools	
	Quick Config	guration				
Congratulations!						
	Veuere	o opfiqueing th	o dovice to work	as AD mode life	iou hous confirmed	acting places she four to sheet the device and activate the secretionation
	rou are	e configuring tr		as AF mode . It y	ou nave continned	settings,please click Save to reboot the device and activate the congfiuration.
					Back	Save
					⊳	

5. Please wait a moment until the BR-6476AC is ready.

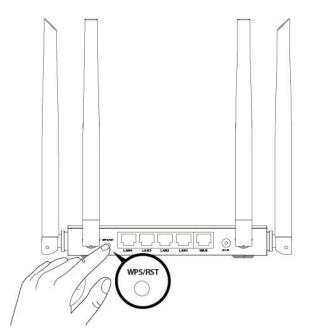
Wizard Vizard Status Network Wireless Advanced QoS Tools		
	Wizard	
		ş

- **6.** When the setup is complete. Please close the browser window.
- 7. The BR-6476AC is working and ready for use. You can now connect to the device's new SSID. Please refer to <u>IV-2. Connecting to a Wi-Fi network</u> if you require more guidance.

II-5. WPS Setup

If your wireless device supports WPS (Wi-Fi Protected Setup) then you can use this method to connect to the BR-6476AC's Wi-Fi network.

- Press the WPS button on the BR-6476AC for 1 – 3 seconds to activate WPS. The WPS LED will flash for two minutes to indicate that WPS is active.
- 2. Within two minutes, press the WPS button on the wireless device/client to activate its WPS.
- **3.** The devices will establish a connection. Repeat for additional wireless devices.



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

II-6. Reset to Factory Default Settings

If you experience problems with your BR-6476AC, 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 begins to light out.
- **2.** Release the button when the all LED are **off.**
- **3.** Wait for the BR-6476AC to restart. The BR-6476AC is ready for setup when the LED displays **on**.

III. Browser Based Configuration Interface

After you have setup the BR-6476AC as detailed in **II. Installation** or the included **Quick Installation Guide**, you can use the browser based configuration interface to configure advanced settings.



III-1. Login

 To access the browser based configuration interface enter <u>http://192.168.2.1</u> into the URL bar of a browser on a network device connected to the same Wi-Fi network as the BR-6476AC.



If you can not access http://192.168.2.1, connect the device to a computer using an Ethernet cable and try again.

2. Please use your username and password to login.

EDir		ge: English 🔻
NETWORKING PEOF	PLE TOGETHER	
User Name	admin	
Password	:]
	OK Cancel	

3. Then click on the "Status" tab shown below. Use the top menu to navigate. For more information, refer to following chapters.

Status	Wizard	Status	Network	Wireless	Advanced	QoS	Tools	
	Status	WAN						
System Status								
System Status								
			Connecte	ed Clients	2			
			Firmwar	e Version	Router300H012V001	R001C01B5	55_ML	
			Rur	nning time	0day(s)00:07:36			
			Sys	tem Time	01-01-2015 Thu 08:0	7:36		
			Operat	k tion Mode	GATEWAY			
LAN Status								

III-2. Main Menu

Main menu is consisted of three areas. User can navigate and configure BR-6476AC via the main menu.

Wizard	Wizard Status Network Wireless Advanced Settings QoS Tools
	Quick Configuration
Quick Configuration	n
	Please select operation mode for Router:
3	O Router Wired connect to ADSL/Cable Modern via WAN port and share Internet to local wireless and wired network.
	WISP Wirelessly connect to ISP station/hotspot to share internet to local wireless and wired network. Universal Repeater Extend your existing wireless coverage by relaying wireless signal.
	O AP Transform your existing wired network to a wireless network.
	Back NEXT 2

1	Top menu	User can easily Select functions in the navigation bar menu, Select the results displayed in the configuration section.
2	Configuration zone	Configure and view area.
3	Status	Current status

III-2-1. Commonly used web elements

Common elements	Description
Save	Click "Save" to save the current settings.
Cancel	Click "Cancel" to cancel the changes made.
Release	Click "Release" to release information and data.
Renew	Click "Renew" to update the information.
Refresh	Click "Refresh" to update the information.
Clear	Click "Clear" to clear/erase existing information.
Restart	Click "Restart" to restart the device.
Upgrade	Click "Upgrade" to update the firmware.
Reset	Click "Reset" to reset the device.
Backup	Click "Backup" to back up the router's configurations.
Restore	Click "Restore" to restore the router's configurations.
Ping	Click "Ping" to send ICMP Echo Request to a specified interface on the network and waiting for a reply.
EXIT	Click "Exit" to exit the current screen.

III-2-2. Setup Wizard

Wizard

You can run the setup wizard again to reconfigure the basic settings of the device, or you can run a wizard to help you switch the device to a different operating mode. Select

"Wizard" then click on "Quick Configuration" to begin.

EDIMAX NETWORKING PEOPLE TOGETHER								
Wizard	Wizard	Status	Network	Wireless	Advanced Settings	QoS	Tools	
	Quick Config	uration						
Quick Configuration								
	Please s	elect operatio	n mode for Rout	er:				
					AN port and share Internet to Ic			
					are Internet to local wireless a verage by relaying wireless sig		work.	
	○ AP 1	Fransform you	r existing wired r	etwork to a wirele	ess network.			
					Back]		

Wi-Fi Router	The device connects to your modem and enables Internet (wireless and Ethernet) access on your network devices.
WISP Mode	The device connects wirelessly to your Wireless Internet Service Provider and provides 2.4GHz and/or 5GHz Internet (wireless and Ethernet) access for your network devices.
Universal Repeater	The device will act as a wireless range extender that will help you to extend your Wi-Fi network. The device acts as a client and AP at the same time. It its client function to connect to a root AP, and uses its AP function to service wireless clients within its coverage.
Access Point	The device connects to an existing router via Ethernet cable and provides Internet (wireless and Ethernet) access for your network devices.

Switch to Router/AP/Universal Repeater/WISP

- **1.**Follow the on-screen instructions to reset the device back to its factory default settings.
- **2.**Please wait for a few moments before the device is restarted.

Wizard						
				Restarting. ₽	. Please wait!59%	

3.After the device has reset, the log in page will appear. Enter the log in information to proceed.

•	Language:	English -	
ΣDİM			
NETWORKING PEOPLI	E TOGETHER		
User Name:	admin		
8			
Password:			
	OK Cancel		

4. Follow the on-screen wizard to setup your device in a different mode.

III-2-3. Status



.....

The "Status" page displays basic system information about the device, arranged into four categories: System, LAN, Wireless and WAN.

NETWORKING PEOPLE TOGETHER										
Status	Wizard	Status	Network	Wireless	Advanced Settings QoS Tools					
	Status	WAN								
System Status										
					Refresh					
			Co	onnection Status	s Disconnected (Mode: Router)					
				Running time	e Oday(s)01:48:15					
				System Time	e 2015-02-08 Sun 01:46:05					
			F	irmware Versior	n BR-8476AC_V1.0					
Wireless 2.4GHz										
				Wireless Enable	e Enable					
				SSID Name						
				BSSID						
					00:18:FB:C6:EC:6C					
				Channe	AutoSelect (Current Channel: 1) Disable					
				Security Mode	e Disable					
Wireless 5GHz										
				Wireless Enable	e Ensble					
				SSID Name	e edimax_5G_6c					
				BSSID	0 00:16:FB:C6:FC:6C					
				Channe	AutoSelect (Current Channel: 36)					
				Security Mode	e Disable					
LAN Status										
				IP Address	s 192.168.2.1					
			LA	N MAC Address						



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

III-2-3-1. System Status

This page displays Connected Clients, Firmware Version, Running Time, System Time and operation mode.

System Status			
			Refresh
Connection	n Status	Disconnected (Mode: Router)	
Runni	ing time	0day(s)01:47:46	
Syste	em Time	2015-02-08 Sun 01:47:36	
Firmware	Version	BR-6476AC_V1.0	

Connection status	Displays the number of DHCP clients.						
Running time	Displays the time duration indicating how long the						
	router has been up since startup. Up time is						
	recounted and renewed upon power off.						
System Time	Current system time on this device. The device						
	automatically synchronizes the system time with						
	Internet time servers.						
Firmware Version	Firmware Version.						

III-2-3-2. LAN Status

LAN Status		
	IP Address	192.168.2.1
	LAN MAC Address	00:16:FB:C6:EC:6E

IP AddressThe Router's LAN IP Address (not your PC's IP address).			
LAN MAC Address	The router's physical address.		

III-2-3-3. Wireless 2.4GHz

Wireless 2.4GHz		
	Wireless Enable	Enable
	SSID Name	edimax_2.4G_6c
	BSSID	00:16:FB:C6:EC:6C
	Channel	AutoSelect (Current Channel: 1)
	Security Mode	Disable

SSID Name The name of Wireless.		
SSID The MAC Address of Wireless.		
Channel	The Channel of Wireless.	
Security Mode	Encryption schemes.	

III-2-3-4. Wireless 5GHz

Wireless 5GHz		
	Wireless Enable	Enable
	SSID Name	edimax_5G_6c
	BSSID	00:16:FB:C6:FC:6C
	Channel	AutoSelect (Current Channel: 36)
	Security Mode	Disable

SSID Name The name of Wireless.		
SSID	The MAC Address of Wireless.	
Channel	The Channel of Wireless.	
Security Mode	Encryption schemes.	

III-2-3-5. WAN Status

Status	Wizard	Status	Network	Wireless	Advanced Settings	QoS	Tools
Clards	Status	WAN					
WAN Status							
				Connection Ty	rpe Dynamic IP		
			C	onnection Stat	tus Disconnected		
			WA	AN MAC Addre	00:16:FB:C6:EC:6F	:	
				WAN	IP		
				Subnet Ma	nsk		
				Gatew	/ay		
			Prir	mary DNS Serv	ver		
			Secon	dary DNS Serv	ver		
			Con	nection Durati	ion 0day(s)00:00:00		
					Release	Rei	new

Connection Type	It displays the current access mode of WAN port.			
Connection Status	The network connection status.			
WAN MAC Address	MAC address of your ISP's router to see.			
WAN IP	IP address obtained from ISP.			
Subnet Mask	Obtained from ISP.			
Gateway	Obtained from ISP.			

III-3. Network

Click "Network" to enter the Network setup web page, in this page you can set "WAN", "WAN Speed", "MAC Cloning", "DNS Settings", "WAN Security", "LAN Settings", "DHCP" and "Address Reservation".

III-3-1. WAN Settings

WAN Settings configure the Internet access and support Static IP mode, Dynamic IP (DHCP), PPPOE.

III-3-1-1. WAN Settings- Dynamic IP

Click "Network", select "WAN", then select Connection Type to "Dynamic IP" and finally click "Save" to confirm.

	Wizard	Status	<u>Network</u>	Wireless	Advand	ced Settings	QoS	Tools	
	WAN	WAN Speed	MAC CI	oning LAI	N Settings	DHCP	Address F	Reservation	DHCP Clients List
WAN Settings									
				Connection T	/pe	Dynamic IP			¥
				N	ΙΤυ 1	500 (D	efault:1500)		
						Save	e Car	ncel	

Connection Type	It displays the routers mode.
ΜΤυ	Maximum Transmission Unit. It is the size of the largest data packet that can be sent over the network. The default value is 1500.

III-3-1-2. WAN Settings- Static IP

Click "Network", Select "WAN", Select Connection Type "Static IP". Then enter IP, Subnet Mask, Gateway, MTU and DNS. Finally, click "Save" to confirm.

Network	Wizard Status	Network Wireless Adv	vanced Settings QoS Tools	
Network	WAN WAN Speed	MAC Cloning LAN Settin	gs DHCP Address Reservation DHCP Cleans Ust	
WAN Settings				
		Connection Type	Static IP 🔹	
		IP Address		
		Subnet Mask	Please fill out this field.	
		Gateway		
		Primary DNS Server		
		Secondary DNS Server		(Optional)
		MTU	1500 (Default:1500)	
			Save Cancel	

Connection Type	Specify a connection type:	
	Static IP mode, Dynamic IP (DHCP), PPPOE	
IP Address	Input the IP address assigned by your ISP here.	
Subnet Mask	Input the subnet mask assigned by your ISP here.	
Gateway	Input the default gateway assigned by your ISP	
	here. Some ISPs may call this "Default Route".	
Primary DNS Server	Obtained from ISP.	
Secondary DNS	Obtained from ISP.	
Server		
MTU	Enter the maximum transmission unit (MTU) value	
	of your network connection. The default value is	
	1400.	

III-3-1-3. WAN Settings- PPPOE

Click "Network", select "WAN", then select Connection Type "PPPOE". Enter the ISP login User Name and the ISP login Password. Finally, click "Save" to confirm. To confirm the configuration details, click "System Status" > "WAN Status".

Network	Wizard	Status	Network Wirele	ss Advan	ced Settings	QoS Tools		
Network	WAN	WAN Speed	MAC Cloning	LAN Settings	DHCP	Address Reservation	DHCP Clien	ts List
WAN Settings								
			Connectio	on Type	PPPOE		v	
			Use	erName				
			Pa	ssword				
				MTU	492 (De	efault:1492)		
			Servic	e Name				(Optional)
					Save	Cancel		

Connection Type	Specify a connection type:	
	Static IP mode, Dynamic IP (DHCP), PPPOE	
User Name	Input the user name assigned by your ISP here.	
Password	Input the password assigned by your ISP here.	
MTU	Enter the maximum transmission unit (MTU) value of your network connection. The default value is 1492.	
Service Name	Enter the host name of your computer here If required.	

III-3-2. WAN Speed

Click "Network", select "WAN Speed", then select Speed Mode type. Finally, click "Save" to confirm.

EDIMAX NETWORKING PEOPLE TOGETHER									
Network	Wizard	Status	Network	Wireless	Advance	ed Settings	QoS	Tools	
	WAN	WAN Speed	MAC CI	oning LAI	N Settings	DHCP	Address	Reservation	DHCP Clients List
WAN Speed									
				Speed mo	10 10 10	uto DM half-duplex DM full-duplex DOM half-duple DOM full-duple Save	ex X	ncel	

Speed Mode	Set the value to match with the status. Modes					
Specia mode	include Auto, 10M half-duplex, 10M full-duplex,					
	100M half-duplex, 100M full-duplex					

III-3-3. MAC Cloning

Some ISPs (Internet Service Providers) require end-user's MAC address to access their network. This feature copies your current PC's MAC address to the router.

Click "Network", then "MAC Cloning". You can set this page from three methods :

1. To Restore to Factory Default MAC

- a. Click "Restore to factory Default MAC"
- b. Click Save to save your settings.
- 2. To clone the MAC address of the computer that you are now using to the router
- a. Click Clone My PC's MAC Address.
- b. Click Save to save your settings.

3.To manually enter the MAC address allowed by your ISP:

- a. Enter the MAC address allowed by your ISP.
- b. Click Save to save your settings.

Network	Wizard Status Network Wireless Advanced Settings QoS Tools
	WAN WAN Speed MAC Cloning LAN Settings DHCP Address Reservation DHCP Clients List
MAC Address Clone	
	MAC Address 00:16:FB:C6:EC:6F
	Restore MAC to Factory Default Clone MAC
	Save Cancel

MAC Address	The computer or broadband modem authorized by your ISP.
Restore to Factory	Reset the router's WAN MAC to factory default.
Default MAC	
Clone MAC	copies the MAC address of the computer that you
	are now using to the router

III-3-4. LAN Settings

This page is to configure the basic parameters for LAN ports. This IP address is to be used to access the device's settings through a web browser. Be sure to make a note of any changes you apply to this page. Click "Network", select "LAN Settings". Enter IP Address, Subnet Mask. Then click "Save" and wait for the router reboot automatically.

Network	Wizard	Status	Network	Wireless	Adva	inced Settings	QoS	Tools		
	WAN	WAN Speed	MAC Clo	oning <u>LA</u>	<u>N Setting</u>	<u>s</u> DHCP	Address Res	ervation	DHCP Clients Li	st
LAN Settings										
				MAC Addr	ess (0:16:FB:C6:EC:6	βE			
				IP Addr	ess	192.168.2.1				
				Subnet M	ask	255.255.255.0				
						Save	Cancel			

MAC Address	Displays the Router's LAN MAC address.
IP Address	Displays the Router's LAN IP address.
Subnet Mask	Displays the Router's LAN subnet mask.



The router's LAN IP address and WAN IP address cannot be on the same IP segment. If not, the router will not be able to access Internet.

Be sure to make a note of any changes you apply to this page. If you change the LAN IP address of the router, you have to open a new connection to the new IP address and log in again. Also, you have to set the default gateway addresses of all LAN PCs to this new IP address.

III-3-5. DHCP

DHCP (Dynamic Host Configuration Protocol) is a protocol used to provide quick, automatic, and central management for the distribution of IP addresses within a network.

DHCP is also used to configure the proper subnet mask, default gateway, and DNS server information on the device. Click "Network" and select "DHCP".

Network	Wizard Status Network Wireless Advanced Settings QoS Tools
	WAN WAN Speed MAC Cloning LAN Settings DHCP Address Reservation DHCP Clients List
DHCP Server	
	DHCP Server Enable
	Start IP Address
	End IP Address
	Lease Time One hour V
	Save Cancel

DHCP Server	Select whether enable or disable the DHCP server
	feature.
Start IP Address	Enter the start IP address for the DHCP server's IP
	address leases.
End IP Address	Enter the end IP address for the DHCP server's IP
	address leases.
Lease Time	The length of the IP address lease before it is
	refreshed.

III-3-6. Address Reservation

This function allows you to learn whether there are unauthorized accesses by viewing the client list. Also, you can specify a reserved IP address for a PC in the LAN. That PC will always receive the same IP address each time when it accesses the DHCP server. Reserved IP addresses could be assigned to servers that require permanent IP settings.

Click "Network" and select "Address Reservation". Enter the IP Address and MAC Address. Click "Add" add to the DHCP list, click "Save" to save your settings, then click "Refresh" to update the related DHCP client information.

									DHCP Clients List
Network	Wizard	Status	Network	Wireless	Advance	d Settings	QoS	Tools	
	WAN	WAN Speed	MAC Clo	ning LAN	Settings	DHCP	Address I	Reservation	
DHCP Clients List									
	M	<u>lain Ne</u>	<u>twork</u>						Refresh

III-3-7. DHCP Clients List

A DHCP client list is shown. The Host Name, IP Address and MAC Address will be displayed when a new connection is established.



NETWORKING PEOPLE TOGETHER	Wizard	Status	Network	Wireless	Advance	d Settings	QoS	Tools		
Network	WAN	WAN Speed	MAC Clon	ing LAN	I Settings	DHCP	Address R	leservation	DHCP Clients List	
DHCP Clients List										
									Refresh	
	N	/lain Ne	twork							
	1		Host Name			IP Ac	ddress		MAC Address	
			М			19			6	

III-4. Wireless

The "Wireless" menu allows you to configure SSID and security settings for your Wi-Fi network along with a guest Wi-Fi network. Click "Wireless" to enter the configure page, here you can configure "Wireless Settings", "Wireless Security", "Multi SSID", "WPS Settings", "Wireless MAC Filtering", "Wireless Statistics".

III-4-1. Wireless Settings

Click "Wireless", select "Basic Settings". Then enable Wireless, select Network Mode. Enter SSID name, select "Channel" and select "Channel BandWidth".

Wireless	Wizard Status			Tools
	Wireless Settings	Wireless Security WPS Set	ings Wireless MAC Filtering	Wireless Statistics
Basic Settings				
		Select Band	2.4G 5G	3
		Wireless	✓ Enable	
		Network Mode	11b/g/n mixed mode	*
		SSID	edimax_2.4G_84	
		Broadcast(SSID)	Enable Disable	
		BSSID	00:16:FB:C6:EC:84	
		Channel	AutoSelect	Current Channel: 1
		Channel BandWidth	20 20/40	
		Extension Channel	Auto	T
		TX Power	High	¥
		WMM Capable	e Enable	
			Save Cance	1

Wireless	Enable/Disable wireless connection
Select Band	Select 5G or 2.4G accordingly
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.
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.

III-4-2. Wireless Security

The wireless security function can prevent others from connecting to your wireless network and using the network resources without your consent.

Wireless	Wizard Status Network Wireless Advanced Settings QoS Tools
	Wireless Settings Wireless Security WPS Settings Wireless MAC Filtering Wireless Statistics
Security Settings	
	Select Band 2.4G 5G
	SSID edimax_2.4G_6c
	Security Mode Disable
	Save Cancel

Meanwhile, you can also block illegal users from intercepting or intruding your wireless network. Click "Wireless", Select "Wireless Security" and choose security modes, Disable, WPA2 – Personal and Mixed WPA/WPA2 – Personal.

Select Band	Select 5G or 2.4G accordingly
Disable	Disable this function.
WPA2 – Personal	Support AES cipher types.
Mixed WPA/WPA2 –	Both WPA-Personal and WPA2-Personal (TKIP and
Personal	AES) secured wireless clients can join your wireless
	network.
SSID Name	Name of SSID.
Security Mode	Displays the security mode selected.

III-4-3. WPS Settings

Click "Wireless", Select "WPS Settings".

Wireless	Wizard Status Network Wireless Advanced Settings QoS Tools
	Wireless Settings Wireless Security WPS Settings Wireless MAC Filtering Wireless Statistics
Wireless WPS	
	Select Band 24G 5G
	Select Band 2.4G 5G
	SSID Name edimax_2.4G_6c
	Security Mode Disable
	WPS Connect Status Idle
	PBC Reset OOB

Select Band	Select 5G or 2.4G accordingly
WPS connect status	Displays the current WPS connection status
SSID Name	Name of SSID.
Security Mode	Displays the security mode selected.

III-4-4. Wireless MAC Filtering

This function permits or forbids specified clients to access the wireless network based on MAC Address (Each of the 2.4G & 5G bands can be set to 16 addresses). If a device which is not on the list of permitted MAC addresses attempts to connect to the BR-6476AC, it will be denied.

Wireless	Wizard Status Network Wireless Adva	anced Settings QoS Tools	
	Wireless Settings Wireless Security WPS Settings	Wireless MAC Filtering Wireless Statistic	S
Access Control			
	Select Band	5G	
	MAC Address Filter	Off	•
	MAC Address		Operation
			Search MAC Address Add
		Save Cancel	

MAC Address Filter	 Select "Off" to allow all wireless clients to join your wireless network. Select "Allow" allow ONLY the specified wireless clients to join your wireless network. Select "Block" to block ONLY the specified wireless clients to join your wireless network.
Select Band	Select 5G or 2.4G accordingly

Up to 16 wireless MAC addresses can be configured

III-4-5. Wireless Statistics

This page shows the current wireless access list Click "Refresh" to update.

					_						
Wireless	Wizar	d Status	Network	Wireless	Advan	ced Settings	QoS	Tools			
	Wireles	ss Settings	Wireless Seci	urity WPS	Settings	Wireless MA	C Filtering	Wireless S	<u>Statistics</u>		
Connection Status											
		NC			N	IAC Address				Bandwidth	

No.	Number of connected wireless clients
MAC	MAC address
Bandwidth	The channel bandwidth instead of wireless connection rate.
Refresh	Refresh the current wireless station list

III-5. Advanced Settings

Click "Advanced Settings" to enter the configure page, here you can configure "Virtual Server", "DMZ", "DDNZ", "Remote Management", "WAN Ping", "Static Routing" and "Routing Table".

III-5-2. Virtual Server

You want to share resources on your PC with your friends who are not in your LAN. But, by default, the router's firewall blocks inbound traffic from the Internet to your computers except replies to your outbound traffic. You can use the Port Forwarding feature to create exceptions to this rule so that your friends can access these files from external networks.

When accessing your PC from Internet, type "protocol://xxx.xxx.xxx.xxx:port number" into your browser's address or location field. The protocol and port are the ones used by the service and "xxx.xxx.xxx.xxx" is the WAN IP address of your router. For example, a FTP server uses the ftp protocol and 21 (standard port number). Click "Advanced Settings" and select "Virtual Server" to access this feature.

Advanced Settings	izard Status	Network Wireless	vanced Settings QoS Tools			
	Virtual Server	DMZ UPNP DDNS Re	mote Management WAN Ping	Static Routing Routing	Table	
Virtual Server						
	ID	Start Port-End Port	To IP Address	Protocol	Enable	Acti
	1	-	192.168.2.	TCP •		Dele
	2	-	192.168.2.	TCP •		Dele
	3	-	192.168.2.	TCP •		Dele
	4		192.168.2.	TCP •		Delet
	5	-	192.168.2.	TCP •		Dele
	6	-	192.168.2.	TCP •		Dele
	7	•	192.168.2.	TCP •		Delet
	8		192.168.2.	TCP •		Delet
	9		192.168.2.	ТСР •		Dele
	10		192.168.2.	TCP		Delet

ID	Number of connected devices
Start Port–End Port	Enter the start/end port number which ranges the External ports used to set the server or Internet applications. Here in this example, enter 21.

To IP address	Enter the IP address of the PC where you want to set the applications. Here in this example, enter 192.168.1.100.
Protocol	Select the protocol (TCP/UDP/Both) for the application.
Enable	Enable the connection
Disable	Disable the connection

If your WAN IP address is 192.168.1.100 when accessing your FTP server from external network, your friends only need to enter <u>ftp:// 192.168.1.100:21</u> in their browsers.

III-5-3. DMZ

A Demilitarized Zone (DMZ) is an isolated area in your local network where private IP addresses are mapped to specify internet IP addresses, allowing unrestricted access to the private IP addresses but not to the wider local network.

You can define a virtual DMZ host here. This is useful for example, if a network client PC cannot run an application properly from behind an NAT firewall, since it opens the client up to unrestricted two-way access.

Advanced Settings	Wizard Status Network Wireless Advanced Settings QoS Tools
	Virtual Server DMZ UPNP DDNS Remote Management WAN Ping Static Routing Routing Table
DMZ Host	
	DMZ Host 🗌 Enable
	Save Cancel

Enable DMZ	Check/uncheck the box to enable/disable the
	device's DMZ Host function.

III-5-4. UPNP

Advanced Settings	Wizard Status Network Wireless Advanced Settings QoS Tools
Advanced Settings	Virtual Server DMZ UPNP DDNS Remote Management WAN Ping Static Routing Routing Table
UPnP	
	UPnP 🗹 Enable
	Save Cancel

Enable DMZ	Check/uncheck the box to enable/disable the					
	device's DMZ Host function.					

III-5-5. DDNS

Dynamic DNS (DDNS) is a service which provides a hostname-to-IP service for dynamic IP users. The changing nature of dynamic IPs means that it can be difficult to access a service provided by a dynamic IP user; a DDNS service though can map such dynamic IP addresses to a fixed hostname, for easier access. The router supports several DDNS service providers, for more details and to register for a DDNS account please visit the DDNS providers website(s), examples of which are listed below.

Advanced Settings	Wizard Status Network Wireless Advanced Settings QoS Tools
	Virtual Server DMZ UPNP DDNS Remote Management WAN Ping Static Routing Routing Table
DDNS	
	DDNS 🗌 Enable
	Save Cancel

Enable	Check off to enable or disable DDNS Service

Click "Advanced Settings", Select "DDNS", Select "Enable", Add "Serve provider". Then enter the "User name" and "Password", enter "Domain Name" and finally Click "Save" to confirm.

					_			
Wizard	Status	Network	Wireless	Advanced Settings	QoS	Tools		
Vertual Conver	. L 1947		DDNG	Domoto Management	WAN Disa	Otatis Dautina	Douting T	abla
vinual Server	UMZ.	UPNP	DUNS	Remote Management	waa Ping	Static Routing	Rodung ia	auxo
			DD	Enable				
			Service Provi	der			~	Register
			USER Na	Inte				
			Passw	ord				
			Domain Na	me				
				Sav	can	cel		
			Virtual Server DMZ UPNP	Virtual Server DMZ UPNP DDNS DD Service Provi User Na Passw	Vitual Server DMZ UPNP DDNS Remote Management DDNS ✓ Enable Service Provider User Name Password Domain Name	Virtual Server DMZ UPNP DDNS Remote Management WAN Ping DDNS ✓ Enable Service Provider User Name Password Domain Name	Vitual Server DMZ UPNP DDNS Remote Management WAN Ping Static Routing DDNS Enable Service Provider User Name Password Domain Name	Vitual Server DMZ UPNP DDNS Remote Management WAN Ping Static Routing Routing Table DDNS ✓ Enable Service Provider ✓ User Name Password Domain Name

DDNS Service	Click the button to enable or disable the DDNS
	service. Select one from the drop-down list and click
Service provider	"Sign up" for registration.
Username	Enter the username that you use to register
	from the DDNS provider.
Password	Enter the password that you use to register
	from the DDNS provider.
Domain name	Enter the effective registered domain name.

The following DDNS services are supported:

3322	http://www.3322.org
DHS	http://www.dhs.org
DynDNS	http://www.dyndns.org
88 IP	http://www.88ip.cn/

III-5-6. Remote Management

This section is to allow the network administrator to manage the router remotely. If you want to access the router remotely, please select "Enable".

NETWORKING PEOPLE TOGETHER Advanced Settings Remote Management	
	Management Enable
	Port 8080 (1024-65535)
	IP Address 0.0.0.0
	Save Cancel

Port	The management port to be open to outside access.
Management	Check "Enable" to enable the remote access feature
	and then enter the appropriate values.

For better security, configure a port number (between 1024-65535) as remote web management interface, do not use the number of any common service port (1-1024).

NETWORKING PEOPLE TOGETHER Advanced Settings	Wizard		Network	Wireless	Advanced Setting		Tools		
	Virtual Server	DMZ	UPNP	DDNS F	Remote Management	WAN Ping	Static Routing	Routing Table	
Remote Management									
				Manageme	ent 🗸 Enable				
				P	Port 8080	(1024-65535)			
				IP Addre	ess 0.0.0.0				
					Sa	Cano	el		

Remote Web Management Application Example:

To access your router (WAN IP address: 172.16.87.160) at your home from the PC (210.16.87.154) at your office via the port number 6060. Set Steps :

- **1.** Management "Enable".
- **2.** Enter the Port: 6060.
- **3.** Click "Save" to save your settings.

In the PC 210.16.87.154 Type "<u>http:// 172.16.87.160:6060</u>" into your browser's address or location field and you can access the router at your home remotely.

III-5-7. WAN Ping

The ping test is to check the status of your internet connection. When disabling the test, the system would prevent the ping test from WAN. Select the "Advanced Settings", Select the "WAN Ping" then select the "Enable".

EDIMAX NETWORKING PEOPLE TOGETHER	
Advanced Settings	Wizard Status Network Wireless Advanced Settings QoS Tools
	Virtual Server DMZ UPNP DDNS Remote Management WAN Ping Static Routing Routing Table
WAN Ping	
	Ignore the Ping from WAN Enable
	Save Cancel

Enable	Check off to enable/disable and the router will not
	answer ping requests from the Internet.

III-5-8. Static Routing

Static routing is a method of configuring path selection of routers, characterized by the absence of communication between routers regarding the current topology of the network. The opposite of static routing is dynamic routing, sometimes also referred to as adaptive routing.

You can configure static routing and manually add 5 routes to the routing table on this page.

Advanced Settings	Wizard	Status	Network	Wireless	Advanced Settings	QoS Too	ols		
	Virtual Ser	iver DMZ	UPNP	DDNS	Remote Management	WAN Ping	Static Routing	Routing Table	
Static Routing									
			Des	tination Netwo	ork				
				Subnet Ma	ask				
				Gatev					
				Gatev	vay				
						Add			
			Destinatio	on Network IP	Address	Su	bnet Mask	Gateway	Action
					Save	Cancel			

Destination Network	Enter the destination network's IP address.
Subnet Mask	Enter the subnet mask of the destination network.
Gateway	Enter the default gateway of the destination network.
Add	Add the route to the current static routing table.
Action	Specify the action taken by router

III-5-9. Routing Table

In this page you can view the routing table information. Click "Refresh" to update

	Wizard	Statu	us Ne	etwork	Wireless	Advanced Settings	QoS Tool:	S		
Advanced Settings	Virtual	Server	DMZ	UPNP	DDNS	Remote Management	WAN Ping	Static Routing	Routing Table	
Routing Table	-									
										Refresh
			Destinat	tion IP		Subnet Mask	Ga	iteway	Metric	Interface
			Destinat 192.168			Subnet Mask 255.255.255.0		.0.0.0	Metric 0	Interface br0

Destination IP	The IP address of the final destination. "0.0.0.0"
	indicates any network segment.
Subnet Mask	The subnet mask for the specified destination.
Gateway	This is the next router on the same LAN segment as
	the router to reach.
Interface	The interface between your router and the final
	destination.

III-6. QoS

Click "QoS" to enter the configure page. Quality of Service (QoS) is a feature to manage Internet bandwidth efficiently. Some applications require more bandwidth than others to function properly, and QoS allows you to ensure that sufficient bandwidth is available. Minimum or maximum bandwidth can be guaranteed for a specified application. Here you can configure 10 groups of "Bandwidth Control".



QoS can improve the BR-6476AC performance. QoS is recommended to optimize performance for online gaming.

III-6-1. Bandwidth Control

Bandwidth control is used to limit communication speed in the LAN. Up to 20 entries can be supported with the capability for at most 254 PCs' speed control.

QoS	Wizard Status	Network	Wireless	Advanced Settings	<u>QoS</u>	Tools
400	Bandwidth Control	URL Filtering	Client Filter	r		
Bandwidth Control						
		Bar	ndwidth Contro	ol 🗌 Enable		
				Save	Cance	el

Enable	Check the Enable box to enable the Bandwidth
	Control feature.

III-6-2. URL Filtering

This function sets URL filtering access. If you want to enable this function, please activate the checkbox. Select one policy from the drop-down menu and enter a policy name in the field. Of course, you can set the access restriction in details (e.g. the fixed IP range, URL, times and days). Note: When time is 0:0~0:0, it express 24 hours. Click "Advanced Settings", then "URL Filtering" to configure this function.



NETWORKING PEOPLE TOGETHER								
QoS	Wizard	Status	Network	Wireless	Advanced Settings	QoS	Tools	
	Bandwidth	Control	URL Filtering	Client Filt	er			
URL Filter								
				Filtering Setti	ing 🕑 Enable			
				Clear this ite	em Clear			
			Ac	cess Policy N	um 1()		T	
				Policy Na	me			
				Start IP Addre	ess 192.168.2.			
				End IP Addre	ess 192.168.2.			
				URLstri	ing			
				Tii	me 0 •: 0	• 0	•: 0 •	
				D	Day 🔲 Everyday 🔲 S	Sun 🗌 Mo	n 🛛 Tue 🗌 Wed 💭 Thu 🔛 I	Fri 🔲 Sat
					Save	Cano	el	

Filering Settings	Enable/Disable the filtering rules
Policy Name	Enter a name for rule for reference/identification.
Access Policy	Up to 10 filter rules can be configured
IP Range	Enter the start and End IP address
URL String	Enter the URL or keyword to be blocked.
Time	Specify the blocking time, it is expressed in 24 hours.
Day(s)	Specify which day of the week or everyday.

III-6-3. Client Filter

QoS	Wizard Status	Network Wireless	Advanced Settings QoS Tools
400	Bandwidth Control	URL Filtering Client Filte	r
Client Filter			
		Filter Setting	is 🗹 Enable
		Clear this ite	m Clear
		Policy Number	ər 1() •
		Policy Nam	le
		Start IP Addres	192.168.2 .
		End IP Addres	is 192.168.2.
		Po	rt~
		Тур	Both •
		Tim	
		Da	y Everyday Sun Mon Tue Wed Thu Fri Sat

Filering Settings	Enable/Disable the filtering rules
Policy Name	Enter a name for rule for reference/identification.
Policy Number	Up to 10 filter rules can be configured
IP Range	Enter the start and End IP address
Port	Enter the port range to be blocked.
Time	Specify the blocking time, it is expressed in 24 hours.
Day(s)	Specify which day of the week or everyday.

Click "Tools" enter the configure page ,here you can set "Time Settings", "Diagnostic Tool", "Backup/Restore", "Factory Default", "Firmware Upgrade", "Restart", "Password", "System Log".

III-7-1. Time Settings

This function is to select the time zone for your location. Click "Tools". Select "Time Settings". The time will synchronize with the internet automatically in the default situation. Select "Time Zone" then click "Save" to save you settings.

					_		
Tools	Wizard Status	Network Wireless	Advanced Settings	QoS <u>Tools</u>	2		
	Time Settings Bac	kup/Restore Factory D	efault Firmware Upgra	ade Restart	Password	System Log	Anti DoS Attack
Time Settings							
		System	Time 2015-02-08 Sun 0	0-07-51			
		Time 2	(GMT+00:00) C	asablanca, Monrovi	a, Dublin, Edinb	urgt 🔻	
			Save	Cancel			

Configured time and date info will be lost if the device gets disconnected from power supply. However, it will be updated automatically when the device reconnects to Internet. To activate time-based features (e.g. firewall), the time and date info shall be set correctly first, either manually or automatically.

III-7-2. Backup/Restore

Click "Tools", select "Back/Restore". Choose "Backup" to keep parameters. Click "Browse" to add an file, then click "Save" to save the settings.

EDIMAX		
NETWORKING PEOPLE TOGETHER Tools	Wizard Status Network Wireless Advanced Settings QoS Tools	
	Time Settings <u>Backup/Restore</u> Factory Default Firmware Upgrade Restart Password System Log	9
Backup/Recover		
	The device provides backup/recover settings, so you need set a directory to keep these parame	ters.
	Backup	
	Please choose the recover file	
	瀏覽	
	Recover	

Backup	Click this button to back up the router's configurations.
Restore	Click this button to restore the router's configurations.

The default configuration file name is "RouterCfm.cfg". Do include the file name suffix of ".cfg" when renaming the file name to avoid problem.

III-7-3. Factory Default

Click "Tools", select "Factory Default".

assword System Log

Restore	Reset all configurations to the default values. It means the device will lose all the settings you
	have set. So please note down the related
	settings if necessary.
	 Default Password: 1234
	Subnet Mask:255.255.255.0
	Default IP:192.168.2.1

If you enable this option, all current settings will be deleted and be restored to factory default values. You will have to reconfigure Internet connection settings and wireless settings.

Do not restore factory default settings unless the following happens:
 You need to join a different network or unfortunately forget the login password.

• You cannot access Internet and your ISP or our technical support asks you to reset the router.

III-7-4. Firmware Upgrade

The upgrade page allows you to 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.

Click "Tools", Select "Firmware Upgrade", click "Browse" and select the upgrade file. Finally, click "Upgrade" and wait for the completion.

EDIMAX NETWORKING PEOPLE TOGETHER		
Tools	Wizard Status Network Wireless Advanced Settings QoS Tools	
10010	Time Settings Backup/Restore Factory Default Firmware Upgrade Restart Password System	em Log
Firmware Upgrade		
	Select the upgrade file:	
	瀏覽	
	Upgrade	
	The current firmware version BR-6476AC_V1.0	

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.

III-7-5. Restart

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

NETWORKING PEOPLE TOGETHER	•						
Tools	Wizard State	us Network	Wireless	Advanced Settings	QoS Tool	s	
	Time Settings	Backup/Restore	Factory Defa	ult Firmware Upgra	de <u>Restart</u>	Password	System Log
Reboot							
		Clic	k here to Reboot	the router.			
					Reboot		

III-7-6. Password

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 <u>II-5. Reset to factory default settings</u> for how to reset the device.

Click "Tools", select "Password". Enter "Old Password" "New Password" and "Confirm New Password", then click "Save" to save you settings.

		Wizard	Status	Network	Wireless	Advanc	ed Settings	QoS	Tools		
	Tools	Time Setting		ckup/Restore	Factory Def	_	irmware Upgrade			Password	System Log
	Change Password										
					Old Passwo	rd					
					New Passwo	rd					
				Confir	m New Passwo	rd					
							Save	Canc	el		
Cu	rrent Password		En	iter yo	ur curre	ent p	asswor	d.			
le	ew Password			Enter your new password.							
Confirmed Password Con			onfirm	your ne	ew pa	assword	ł.				

III-7-7. System Log

You can view the system log and security log. Use the page number key in the bottom left corner to select which page to view.

Click "Tools", Select "System Log". Click "Refresh" to update the information Or click "Clear" to clear the screen.

Tools	Wizard	Status Network	Wireless Advan	ced Settings Qo	S Tools		
TOOIS	Time Settings	Backup/Restore	Factory Default	Firmware Upgrade	Restart Password	System Log	
System Log							
							Refresh
	11	2015-02-0	8 00:09:03		goahead -> 192	.168.2.100 time expire	
	12	2015-02-0	8 00:10:50		goahead -> 192.	168.2.100 login success	
	13	2015-02-0	8 00:22:03		goahead -> 192	.168.2.100 time expire	
	14	2015-02-0	8 00:35:47		goahead -> 192.	168.2.100 login success	
	15	2015-02-0	8 00:42:03		goahead -> 192	.168.2.100 time expire	
	16	2015-02-0	8 00:51:07		goahead -> 192.	168.2.100 login success	
	17	2015-02-0	8 01:36:03		goahead -> 192	.168.2.100 time expire	
	18	2015-02-0	8 01:40:55		goahead -> 192.	168.2.100 login success	
	19	2015-02-0	8 01:47:03		goahead -> 192	.168.2.100 time expire	
	20	2015-02-0	8 01:53:53		goahead -> 192.	168.2.100 login success	

Clear	Click "Clear" to clear/erase the existing log.					
Refresh	Click "Refresh" to refresh the log and update any					
	activity.					
Page number	Click "[1]" or "[2]" to view different pages of system					
	logs					

III-7-8. Anti Dos Attack

Denial-of-Service (DoS) is a common form of malicious attack against a nextwork. The router's firewall can protect against such attacks If you are not familiar with these functions, it is recommended you keep the defualt settings.

Wizard Status Network Wireless Advanced Settings Q	IOS Tools
Time Settings Backup/Restore Factory Default Firmware Upgrade	Restart Password System Log Anti DoS Attack
Anti DoS Attack	✓ Enable
Enable filtering ICMP-FLOOD attack	Enable
ICMP-FLOOD Packet Threshold (5-3600)	
Enable filtering UDP-FLOOD attack	Enable
UDP-FLOOD Packet Threshold (5-3600)	
Enable filtering TCP-SYN-FLOOD attack	Enable
TCP-SYN-FLOOD Packet Threshold (5-3600)	
Ignore the Ping from WAN	Enable
Save	Cancel

Appendix

Configuring your IP address IV-1.

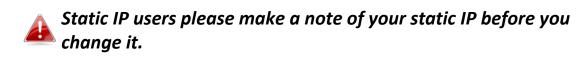
For first time access to the URL http://192.168.2.1, please ensure your computer is set to use a dynamic IP address. This means your computer can obtain an IP address automatically from a DHCP server. You can check if your computer is set to use a dynamic IP address by following IV-1-1. How to check that your computer uses a dynamic IP address.

Static IP users can also temporarily modify your computer's IP address to be in the same IP address subnet e.g. 192.168.2.x (x = 3 - 254) as the BR-6476AC in order to access *http://192.168.2.1*.



🗛 The BR-6476AC default IP address is 192.168.2.1.

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.



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-3-4. LAN). Then you can access the URL http://192.168.2.1 in future without modifying your IP address.



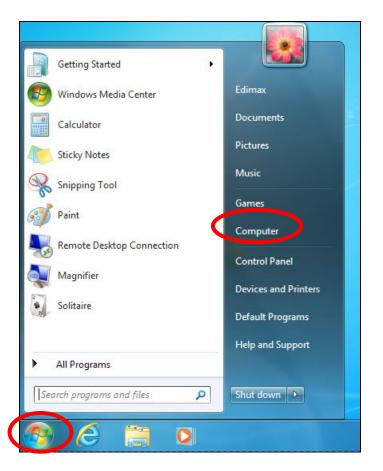
Please remember to change your IP address back to its original value after the device is properly configured.

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 7

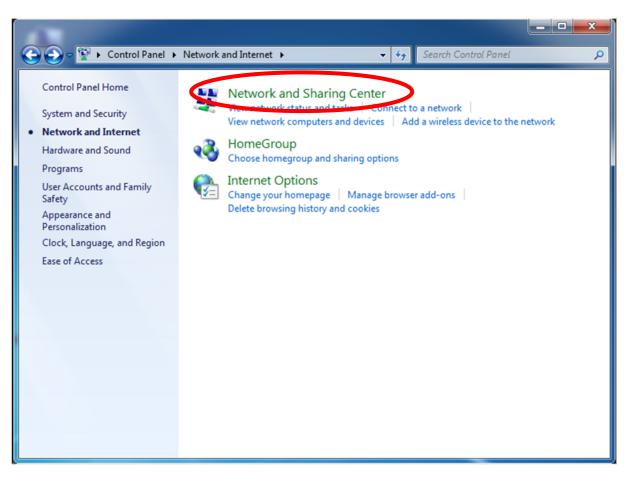
1. Click the "Start" button (it should be located in the lower-left corner of your computer), then click "Control Panel".



2. Click "Network and Internet".



3. Then click "Network and Sharing Center".

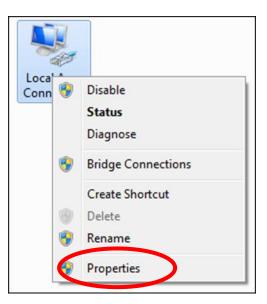


4. Click "Change adapter settings".

🚱 🕞 🗢 💺 « Network and Inte	ernet 🔸 Network and Sharing Center	✓ 4y Search Control Panel				
Control Panel Home	View your basic network informa					
Change adapter settings Change adapter setting settings	WIN7X64EN Unidentified n (This computer)					
	View your active networks	Connect or disconnect				
	Unidentified network Public network	Access type: No network access Connections: 📱 Local Area Connection				
	Change your networking settings					
	Set up a new connection or network Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.					
	Connect to a network Connect or reconnect to a wireles	is, wired, dial-up, or VPN network connection.				
See also	Choose homegroup and sharing of					
HomeGroup	Access files and printers located o settings.	on other network computers, or change sharing				
Internet Options Windows Firewall	Troubleshoot problems Diagnose and repair network prob	olems, or get troubleshooting information.				

66

5. Click "Local Area Connection" and select "Properties".



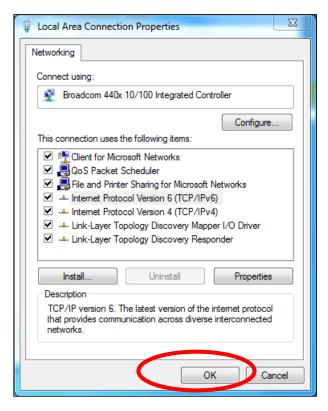
6. Select "Internet Protocol Version 4 (TCP/IPv4) and then click "Properties".

Local Area Connection Properties	x
Networking	
Connect using:	
Broadcom 440x 10/100 Integrated Controller	
Configure.	
Client for Microsoft Networks QoS Packet Scheduler File and Printer Sharing for Microsoft Networks Intermet Protocol Version 6 (TCP/IPv6) Intermet Protocol Version 4 (TCP/IPv4) Intermet Protocol Version 4 (TCP/IPv4) Ink-Layer Topology Discovery Mapper I/O Driver Ink-Layer Topology Discovery Responder	
Install Uninstall Properties	
Description TCP/IP version 6. The latest version of the internet protocol that provides communication across diverse interconnected networks.	
ОК Са	ncel

7. "Obtain an IP address automatically" and "Obtain DNS server address automatically" should be selected.

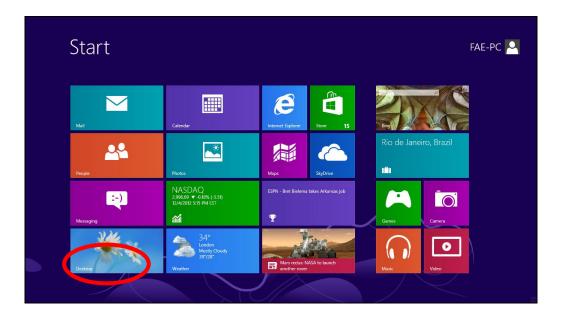
General	Alternate Con	figuration					
support	n get IP setting ts this capabilit strator for the a	y. Otherwise,	you ne	ed to a			ork
0	btain an IP add	ress automat	ically		>		
- 🔘 Us	se the following	IP address:					
IP ac	ldress:						
Subr	net mask:						
Defa	ult gateway:				÷		
0	btain DNS serve	er address au	tomatic	ally	>		
- O Us	se the following	DNS server	address	es			
Prefe	erred DNS serv	er:					
Alter	nate DNS servi	er:			÷		
V	alidate setting:	s upon exit				Adva	nced

8. Click "OK" on the "Local Area Connection Properties" window to save your settings.

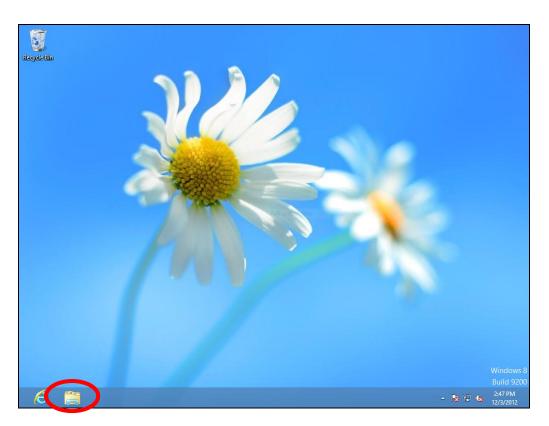


IV-1-1-2. Windows 8

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.



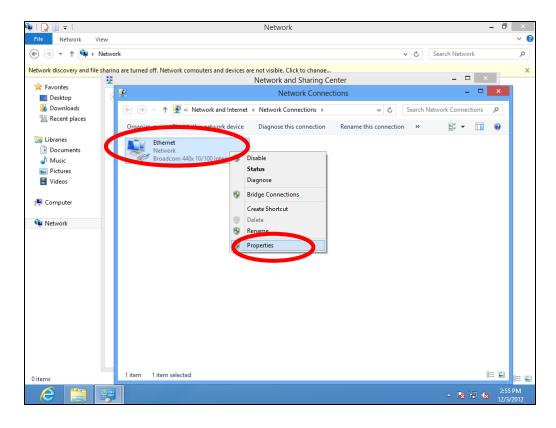
3. Right click "Network" and then select "Properties".

🙀 l 💽 📗 👳 l		Network	- 🗇 🗙
File Network V	/iew		v 😯
€ 🦻 ד ↑ 🗣 ►	Network	v 🖒 Search	Network ${\cal P}$
Network discovery and file	sharing are turned off. Network	computers and devices are not visible. Click to change	x
Pin to Map r	in new window Start network drive nnect network drive	This folder is empty.	
0 items			:== 📼
			2:53 PM 12/3/2012

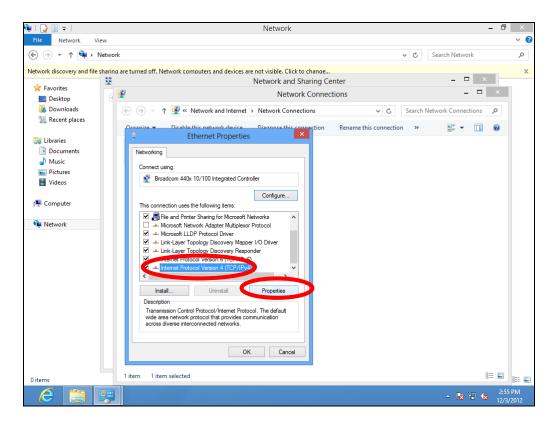
4. In the window that opens, select "Change adapter settings" from the left side.

🖴 ⊋ 🕕 🖛	Library Tools Picture Tools	s Pictures –	0 ×
File Home Share	View Manage Manage		v ?
(→ ↑) → Li	braries > Pictures >	✓ C Search Pictures	Q
 ☆ Favorites Desktop Downloads Recent places Libraries Documents 	Control Panel Home	Network and Sharing Center C Search Control Panel P View your basic network information and set up connections View your active networks	
Music	Change advanced sharing settings	Network Access type: Internet Public network Connections: U Ethernet	
Pictures Videos	secongs	Public network Connections: 🏺 Ethernet	
F튼 Computer 야 Network	See also	Change your networking settings Set up a new connection or network Set up a broadband, dial-up, or VPN connection; or set up a router or access point. Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.	
	HomeGroup		
	Internet Options Windows Firewall		
1 item 1 item selected	Library includes: 2 locations		800
8	;	- 🍡 🔁 🕼	2:54 PM 12/3/2012

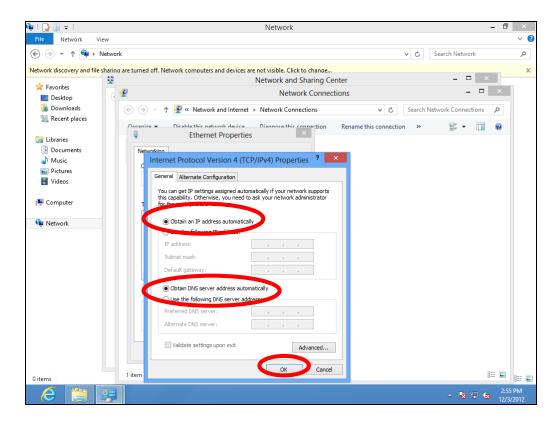
5. Choose your connection and right click, then select "Properties".



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

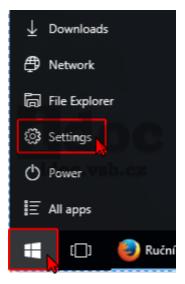


7. Select "Obtain an IP address automatically" and "Obtain DNS server address automatically" should be selected.

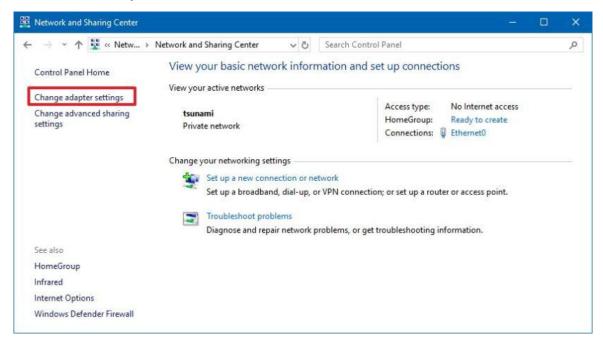


IV-1-1-3. Windows 10

1.From the Windows 10 Start screen, click on "Start" and select "Settings".



2. Choose "Network & Internet", then select "Network sharing center, Click "Change adapter settings". Choose "Ethernet", click right mouse button and choose "Properties".



9.Right click the desired network connection and select "Properties". Then Select the Internet Protocol Version 4 (TCP/IPv4) option. Click up "Properties".

Connect using:			
Intel(R) 82574L	Gigabit Network Conr	nection	
This connection uses	the following items:	<u>C</u> onfigu	re
CoS Packet Internet Proto	er Sharing for Microso Scheduler ocol Version 4 (TCP/IF	^p v4)	
Microsoft LLE	twork Adapter Multiple DP Protocol Driver ocol Version 6 (TCP/IF		~
l <u>n</u> stall	<u>U</u> ninstall	Properti	es
wide area network ;	ol Protocol/Internet Pro protocol that provides connected networks.	communication	ult

10. Select "Obtain an IP address automatically" and "Obtain DNS server address automatically" should be selected.

this cap		d automatically if your network supports need to ask your network administrator for
_	btain an IP address auto	omatically
OU:	se the following IP addr	388:
]P ac	ddress:	H H H
Sybr	net mask;	- + + + - +
Defa	ult gateway:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
[⊙ 0]	btain DNS server addre	ss automatically
OU:	s <u>e</u> the following DNS se	rver addresses:
Prefe	erred DNS server.	
Alter	nate DNS server.	
		Ad <u>v</u> anced

IV-1-1-4. Mac OS

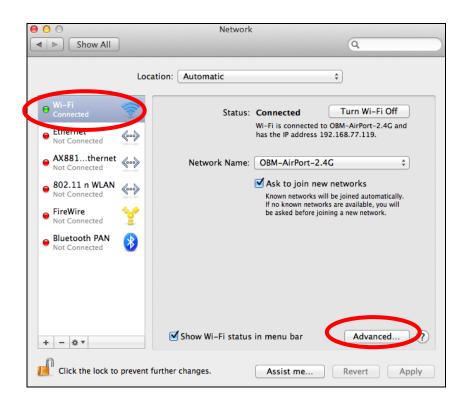
1. Have your Macintosh computer operate as usual, and click on "System Preferences".



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	and a strength of the strength of the	(9
Wi-Fi		
	TCP/IP NS WINS 802.1X	Proxies Hardware
Configure	Using DHCP	
IPv4 Address	Using BootP	Renew DHCP Lease
Subnet Mask	Manually	D:
Router	Off	(If required)
Configure IPv6:	Automatically	\$
Router:		
IPv6 Address:		
Prefix Length:		
		Advanced.
		Cancel

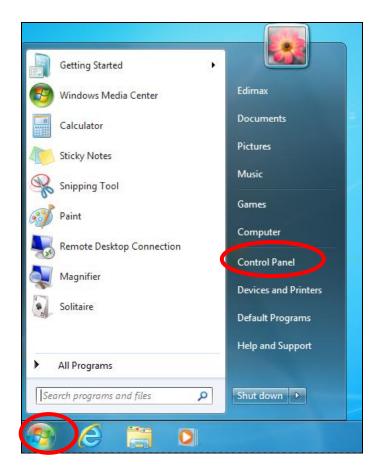
IV-1-2. How to modify the IP address of your computer

Please follow the instructions appropriate for your operating system. In the following examples we use the IP address **192.168.2.10** though you can use any IP address in the range **192.168.2.x** (x = 3 - 254) in order to access iQ Setup/browser based configuration interface.



IV-1-2-1. Windows 7

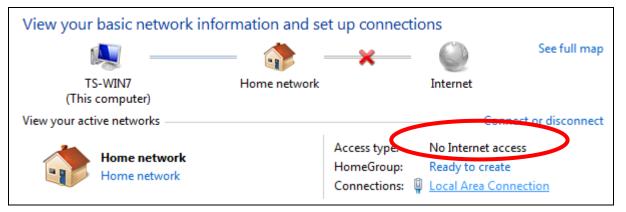
1. Click the "Start" button (it should be located in the lower-left corner of your computer), then click "Control Panel".



2. Under "Network and Internet" click "View network status and tasks".



3.Click "Local Area Connection".



4. Click "Properties".

🔋 Local Area Connection Status	X
General	
Connection	
IPv4 Connectivity:	No Internet access
IPv6 Connectivity:	No network access
Media State:	Enabled
Duration:	02:08:52
Speed:	100.0 Mbps
Details	
Activity	
Sent —	· Received
Bytes: 951,33	2 4,398,184
Properties Pisable	Diagnose
	Close

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

Local Area Connection Properties	<u> </u>
Networking	
Connect using:	
Broadcom 440x 10/100 Integrated Controller	
Configure	
This connection uses the following items:	
Client for Microsoft Networks	
 ✓ ■ Gots Facker Scheduler ✓ ■ File and Printer Sharing for Microsoft Networks 	
Internet Protocol Version 6 (TCP/IPv6)	
I 🗹 📥 Internet Protocol Version 4 (TCP/IPv4)	
Link-Layer Topology Discovery Mapper I/O Driver	
Link-Layer Topology Discovery Responder	
Install Uninstall Properties	
Description	
TCP/IP version 6. The latest version of the internet protocol that provides communication across diverse interconnected networks.	
ОК Са	ncel

6. Select "Use the following IP address" and "Use the following DNS server addresses", then input the following values:

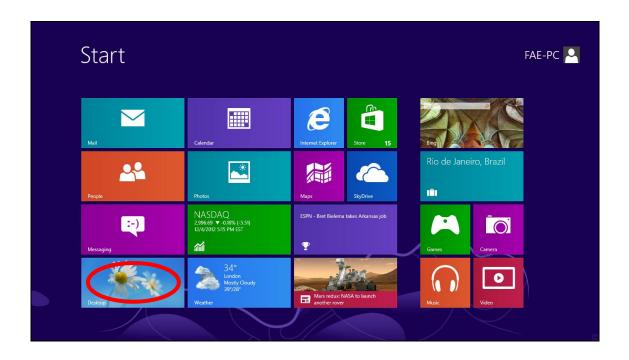
Your existing static IP address will be displayed in the "IP address" field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

IP address: 192.168.2.10 Subnet Mask: 255.255.255.0 Preferred DNS Server: 192.168.2.1

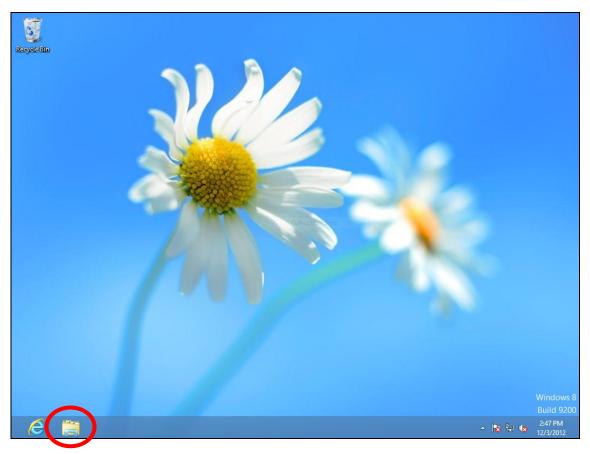
Click 'OK' when finished.

IV-1-2-2. 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.



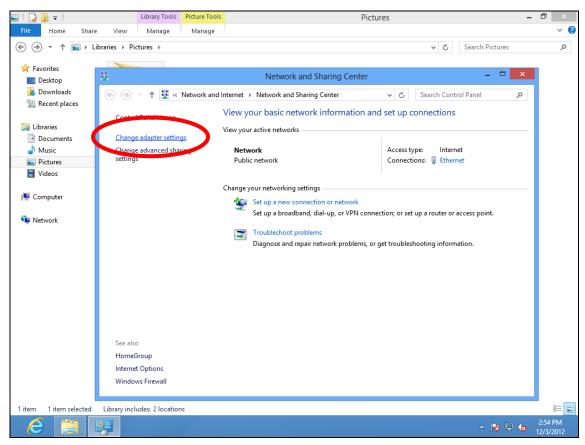
2. In desktop mode, click the File Explorer icon in the bottom left of the screen, as shown below.



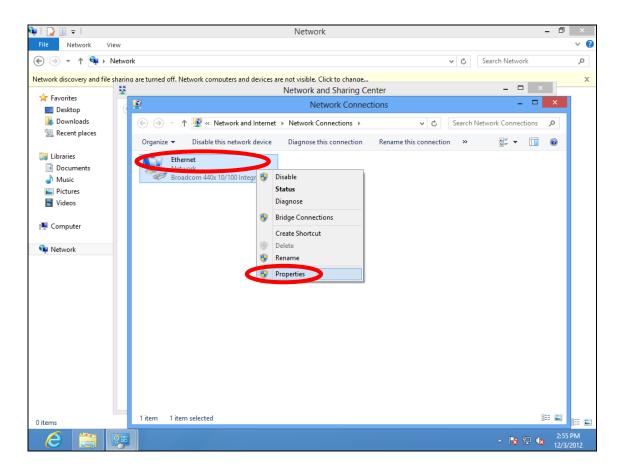
3. Right click "Network" and then select "Properties".

🥸 l 🕞 📗 = l		Network		-	- 8	×
File Network \	/iew					v 🕐
€ ∋ - ↑ 🗣 +	Network		~ C	Search Network		Q
Network discovery and file	sharing are turned off. Network	computers and devices are not visible. Click to change				х
4 🔆 Favorites		This folder is empty.				
Desktop						
Downloads						
mail Recent places						
4 🛜 Libraries						
Documents						
🖻 🁌 Music						
Pictures						
Videos						
▷ 🖳 Computer						
📭 Network						
	nd					
Open	in new window					
Pinto	Start					
Мар	network drive					
Disco	nnect network drive					
Delet	e					
Prope	erties					
0 items					8	=
					2:53 P	
2				- 😼 🕀 🌜	12/3/20	

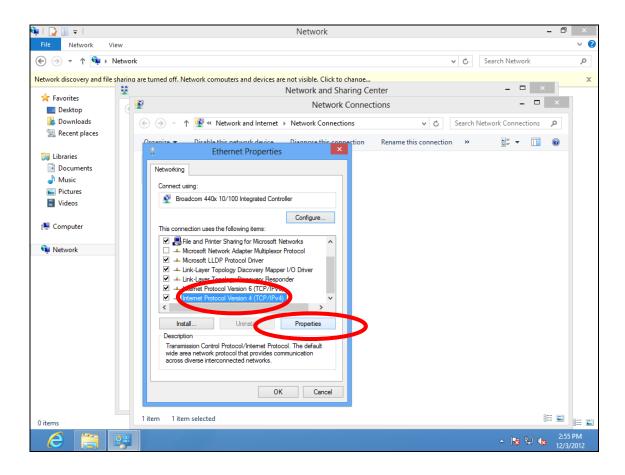
4. In the window that opens, select "Change adapter settings" from the left side.



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" and "Use the following DNS server addresses", then input the following values:

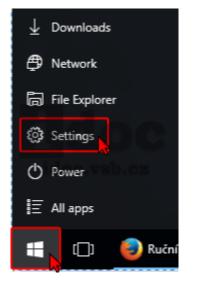
Your existing static IP address will be displayed in the "IP address" field before you replace it. Please make a note of this IP address, subnet mask, default gateway and DNS server addresses.

IP address: 192.168.2.10 Subnet Mask: 255.255.255.0 Preferred DNS Server: 192.168.2.1

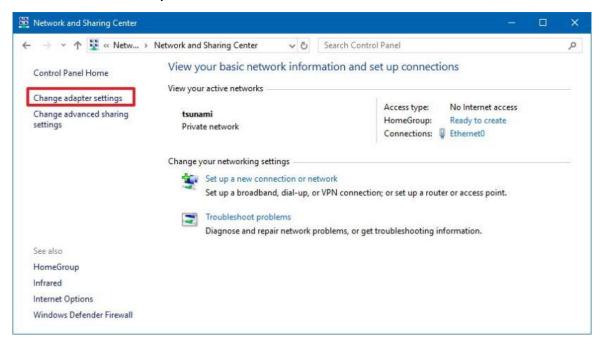
Click 'OK' when finished.

IV-1-2-3. Windows 10

1.From the Windows 10 Start screen, click on "Start" and select "Settings".



2. Choose "Network & Internet", then select "Network sharing center, Click "Change adapter settings". Choose "Ethernet", click right mouse button and choose "Properties".



3.Right click the desired network connection and select "Properties". Then Select the Internet Protocol Version 4 (TCP/IPv4) option. Click up "Properties".

Connect using: Intel(R) 82574L Gigabit Network Connect This connection uses the following items: Client for Microsoft Networks Gos Packet Scheduler Cos Packet Scheduler Cos Packet Scheduler Microsoft Network Adapter Multiplexon Microsoft Network Adapter Multiplexon Microsoft LLDP Protocol Driver Internet Protocol Version 6 (TCP/IPv6	<u>C</u> onfigure
This connection uses the following items:	<u>C</u> onfigure
Client for Microsoft Networks File and Printer Sharing for Microsoft Networks File and Printer Sharing for Microsoft Network Scheduler Internet Protocol Version 4 (TCP/IPv4) Microsoft Network Adapter Multiplexon Microsoft LLDP Protocol Driver Internet Protocol Version 6 (TCP/IPv6)	letworks Protocol
File and Printer Sharing for Microsoft N GoS Packet Scheduler Internet Protocol Version 4 (TCP/IPv4 Microsoft Network Adapter Multiplexor Microsoft LLDP Protocol Driver Internet Protocol Version 6 (TCP/IPv6	letworks
Microsoft LLDP Protocol Driver Internet Protocol Version 6 (TCP/IPv6	
	>
Install Uninstall	Properties
Description Transmission Control Protocol/Internet Proto wide area network protocol that provides co across diverse interconnected networks.	

4.Select "Use the following IP address" and "Use the following DNS server addresses", 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: 192.168.2.10 Subnet Mask: 255.255.255.0 Preferred DNS Server: 192.168.2.1

Click 'OK' when finished.

IV-1-2-4. 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.

⊖ ⊖ ⊖	Network	:
Show All		Q
I	ocation: Automatic	\$
• Wi-Fi Connected	Status:	Connected Turn Wi-Fi Off
• Ethernet Not Connected		Wi-Fi is connected to OBM-AirPort-2.4G and has the IP address 192.168.77.119.
• AX881thernet Not Connected	Network Name:	OBM-AirPort-2.4G
• 802.11 n WLAN Not Connected		Ask to join new networks Known networks will be joined automatically. If no known networks are available, you will
FireWire Not Connected		be asked before joining a new network.
Bluetooth PAN Not Connected		
+ - **	Show Wi-Fi status	in menu bar Advanced
Click the lock to preve	nt further changes.	Assist me Revert Apply

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

00	Network	
t ⊨ Show All		Q
🤝 Wi-Fi		
Wi-Fi	Using DHCP Using DHCP with manual address Using BootP	oxies Hardware
Configure / v4 v		and to the Andrew 2 at and
IPv4 Address	Off	
Subnet Mask:	255.255.255.0	Ros-2.40 1
Router:	192.168.77.1	
		And the set of the proved the set of the set
Configure IPv6:	Automatically	* *
Router:		
IPv6 Address:		
Prefix Length:		
		Advenced 7
?		Cancel OK
Citch Die lock to preve	in Settler charges. Acats	

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 192.168.2.10 and subnet mask 255.255.255.0. Click on "OK".

Wi-Fi				
Wi-Fi TCP/I	P DNS WINS	802.1X Pr	oxies Hardwar	'e
	St	itus: Connecte	d Turn V	M-FI Off
Configure IPv4: Mar	nually	;		
IPv4 Addres 192	.168.2.10			
Subnet Mask: 255	.255.255.0	ne: EdimaxA		
Router: 192	.168.10.254	() Ask to)		
		Known ne	territy will be joined a	
Configure IPv6: Aut	omatically			
Router:				
IPv6 Address:				
Prefix Length:				

6. Click "Apply" to save the changes.

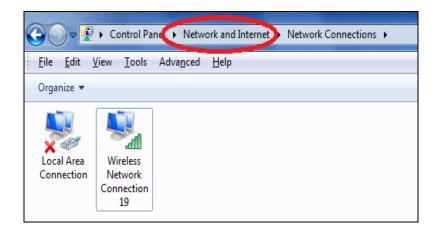


IV-1-3. How to Find Your Network Security Key

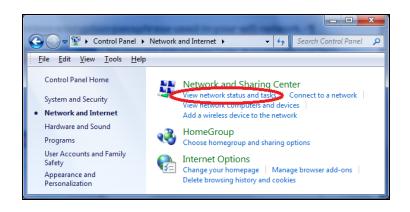
To find your network security key, please follow the instructions appropriate for your operating system.

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 & 8
- **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".

Add Re	emove	Move down	Adapter properties	Profile types
Networks y	ou can vi	iew, modify, an	d reorder (2)	
H	omeNetv	vork	Security: WPA2-P	ersonal
		Propert	ties	
•		Remove	network	
		Rename	: F	
		Move d	own	

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.

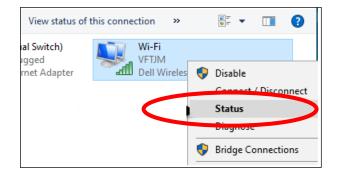
HomeNetwork Wireless	Network Properties
Connection Security	
Security type:	WPA2-Personal 🔹
Encryption type:	AES 🔹
Network security key	1234567890
(Show characters

IV-1-3-2. Windows 10

1.Click on "Start" button, select "Settings" and click on "Network and Internet", "Status" then "Network and Sharing Center". Now click on "Change adapter settings" on the left hand menu.

Network and Sharing Center				3
> -> -> 🛧 🔽 « Netw >	Network and	Sharing Center 🛛 🗸 진	Search Control Panel	
Control Panel Home	View yo	our basic network inforr	nation and set up connections	
Change adapter settings	View you	r active networks		
Change advanced sharing settings	tsuna Privat	mi e network	Access type: No Internet access HomeGroup: Ready to create Connections: Ethernet0	
	_	our networking settings Set up a new connection or ne	twork	
		Set up a broadband, dial-up, o	r VPN connection; or set up a router or access point.	
		Troubleshoot problems		
		Diagnose and repair network p	oroblems, or get troubleshooting information.	
See also				
HomeGroup				
Infrared				
Internet Options				
Windows Defender Firewall				

2.You should see the profile of your Wi-Fi network in the list. Right click on your Wi-Fi network and then click on "Status".



3.The Wi-Fi Status window pop up and click on "Wireless Properties".

ഫ്ലി Wi-Fi Status		×
General		
Connection		
IPv4 Connectivity	: Internet	
IPv6 Connectivity	: No network access	
Media State:	Enabled	
SSID:	VFTJM	
Duration:	00:21:31	
Speed:	52.0 Mbps	
Signal Quality:	lltee	
Details.	Wireless Properties	
Activity		
	Sent — 💭 — Received	
Bytes:	1,895,048 4,714,756	
Properties	Diagnose	

4.Click on the "Security" Tab in the pop-up window that appears and check the "Show characters" checkbox. This will show your network security key. Click the "Cancel" button to close the window.

Wireless Networ	Wireless Network Properties			
Connection Security				
Security type:	WPA2-Personal	\sim		
Encryption type:	AES	\sim		
Network security key	NR			
	Show characters			

IV-1-3-3. Mac

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

00	Applications	6	
		Q	
FAVORITES	Name	Date Modified	Size
Desktop	🜍 TextEdit	2012/2/2 下午7:08	11.1 MB
	Time Machine	2012/2/2 下午7:08	379 KB
Documents	🝸 🗽 Utilities	2012/2/2 下午3:32	
Applications	Activity Monitor	2012/2/2 下午7:08	10.6 MB
- ODm	AirPort Utility	2012/2/2 下午7:08	33.5 MB
Stropbox	🚱 AppleScript Editor	2012/2/2 下午7:08	12.8 MB
Ф Бгорвох	Audio MIDI Setup	2012/2/2 下午7:08	11.8 MB
DEVICES	🐟 Bluetooth File Exchange	2012/2/2 下午7:08	1.8 MB
10.6	Boot Camp Assistant	2012/2/2 下午7:08	13.7 MB
	💥 ColorSync Utility	2012/2/2 下午7:08	17 MB
	Console	2012/2/2 下午7:08	7.5 MB
	🧭 DigitalColor Meter	2012/2/2 下午7:08	2.2 MB
	🔊 Disk Utility	2012/2/2 下午7:08	27 MB
	🕅 Grab	2012/2/2 下午7:08	3.5 MB
	🖲 Grapher	2012/2/2 下午7:08	37.3 MB
	- Java Preferences	2012/7/17 上午10:54	719 KB
	🔗 Keychain Access	2012/2/2 下午7:08	14.6 MB
	Migration Assistant	2012/2/2 下午7:08	6.7 MB
	🕰 Matuoriz Utilitu	2012/2 7/7 7:09	2 6 MD

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.

● ○ ○		Keychain Access		
Click to lock the lo	gin keychain.		Q	
Keychains login System System Roots	EdimaxWireless Kind: AirPort network p Account: AirPort Where: com.apple.netw Modified: Today, 下午5	ork.wlan.ssid.EdimaxWireless		
	Name 🔺	Kind	Date Modified	Keychain
	A Apple ID Authentication	application password	2012/7/17 上午10:16:29	login
	Apple Persistent State Encryption	application password	2012/7/16 下午5:15:20	login
	A EDIMAX 6475	AirPort network password	2012/7/17 上午11:08:03	login
Category	LonniaX5107ea	AirPort network password	2012/8/27 上午10:24:59	login
All home	🐴 EdimaxWireless	AirPort network password	Today, 下午5:45	login
/ Passwords	fotogame@me.co	application password	2012/7/17 上午10:16:23	login
Secure Notes	A Matt	AirPort network password	Today, 下午5:28	login
	A PP-6574-Demo	AirPort network password	2012/7/17 下午2:21:30	login
in my ceremeates				
🖗 Keys				
Certificates				

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

● ○ ○	EdimaxWireless
	Attributes Access Control
Name:	EdimaxWireless
Kind:	AirPort network password
Account:	AirPort
Where:	com.apple.network.wlan.ssid.EdimaxWireless
Comments:	
Show password:	ę
	Save Changes

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".

confidenti "EdimaxW	Access wants to use your al information stored in ireless" in your keychain. ., enter the "login" keychain password.
? Always Accou	nt: AirPort
Commen	
Show passwo	jd: Save Changes

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.

⊖ ⊖ ⊖	EdimaxWireless
	Attributes Access Control
Name	EdimaxWireless
Kinc	I: AirPort network password
Account	t: AirPort
Where	com.apple.network.wlan.ssid.EdimaxWireless
Comments	
Show password	edimax1234
	Save Changes

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

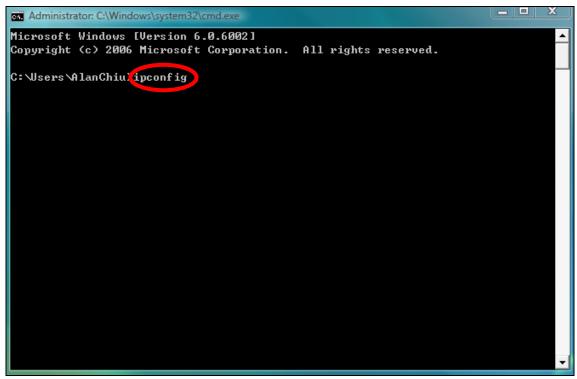
To find your router's IP address, please follow the instructions appropriate for your operating system.

IV-1-4-1. Windows 7

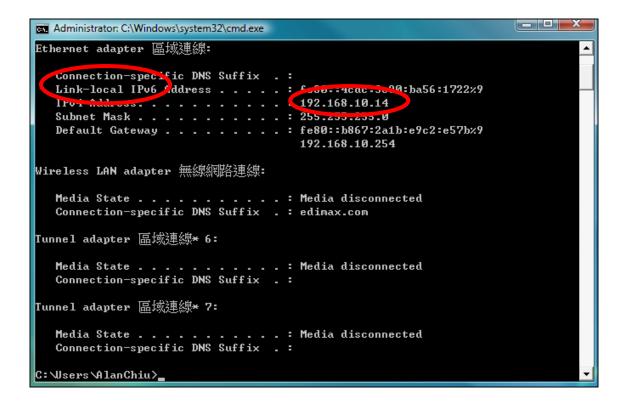
1. Go to "Start", select "Run" and type "cmd", then press Enter or click "OK".

All Programs		
Audacity	Run	
開啟 Microsoft Office 文件	Default Programs	
Command Prompt	Control Panel	
Adobe Reader 9	Connect To	
Microsoft Office PowerPoint 2007	Network	Cancel Browse
Google Chrome	Computer	
Microsoft Office Word 2007		created with administrative privileges.
XnView	Music pen: cmd	vs will open it for you.
Internet Explorer		rogram, folder, document, or Internet
Microsoft Office Outlook	Documents	
Internet Mozilla Firefox E-mail	AlanChiu	

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



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



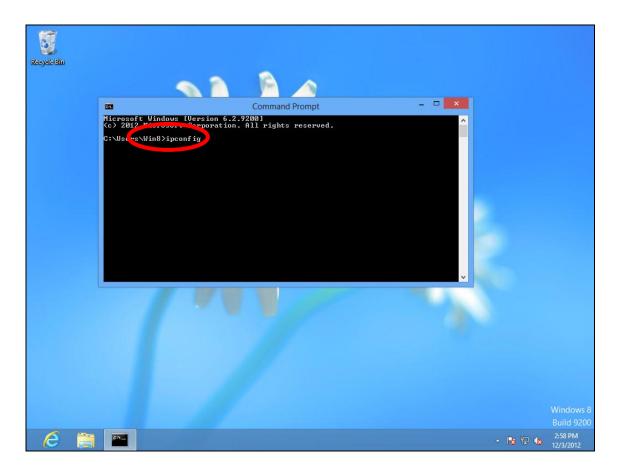
1. From the Windows 8 Start screen, move your curser to the top right corner of the screen to display the Charms bar.



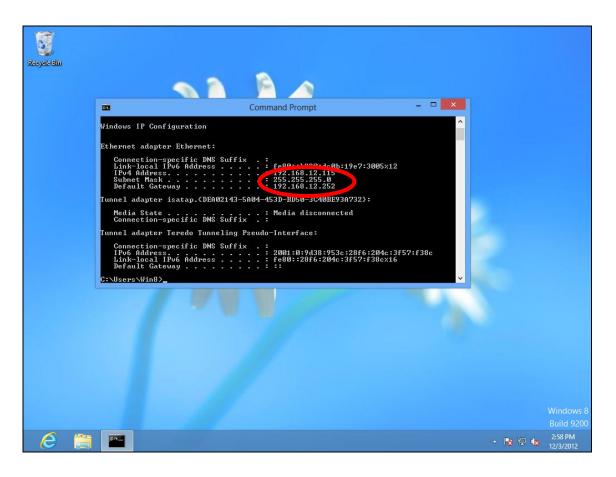
2. Click "Search" and enter "cmd" into the search bar. Click the "Command Prompt" app which be displayed on the left side.

Apps Results for "cmd"	Search Apps cmd × P
	Apps 1
	Settings 0
	Files 0
	Bing
	Finance
	Games
	Mail
	Maps
	Music

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

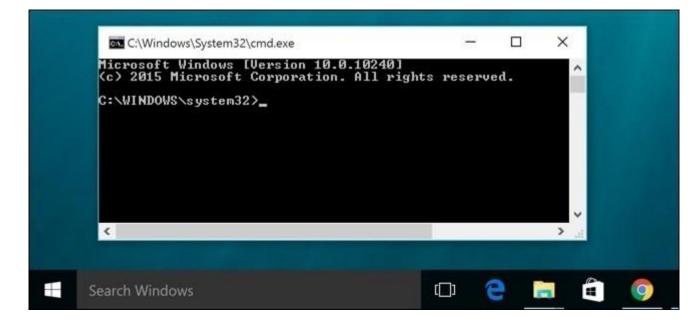


4.Your router's IP address will be displayed next to "Default Gateway".

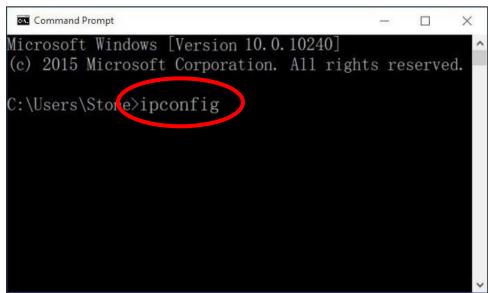


IV-1-4-3. Window 10

1.Right click on "Start" button and select "Command Prompt".



2.On the Command Prompt window, enter "ipconfig" and press the Enter key.



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

Command Prompt										
Microsoft Windows (c) 2015 Microsof										ghts reserved.
C:\Users\Win10>ij	pconf	ig								
Windows IP Config	gurat	ion								
Ethernet adapter	Ethe	rnet	tØ							
		e Di	NS	Su	ff	ix	c	÷		localdomain
Connection-sp										
Connection-spo Link-local IP									-	fe80::9538:aa73
	v6 Ada							1		fe80::9538:aa73 192.168.40.128
Link-local IP	v6 Ada							1.1.1	=	

IV-1-4-4. 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".

0	0		Network		
	▶ Show All				Q
		Location:	Automatic	Å.]
	Ethernet Connected FireWire Not Connected	<u>کې</u>	Status:	Connected Ethernet is currently activ address 192.168.10.179	
6	Wi-Fi Off	?	Configure IPv4:	Manually	*
	USB Neterface	~~~	IP Address:	192.168.9.20	
	Bluetooth PAN		Subnet Mask:	255.255.255.0	
•	Not Connected	8	Router:	192.168.10.254	
			DNS Server.	102 168 1.12, 192.1	68.1.2
			Search Domains:		
+	- * -				Advanced ?
	Click the lock to	prevent further	changes.	Assist me	Revert Apply

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

	IP addres Network Name: Edimax	connected to EdimaxHQ and has the ss 10.0.20.97.
	Status: Connec Wi-Fi is c IP addres Network Name: Edimax	ted Turn Wi-Fi Off connected to EdimaxHQ and has the ss 10.0.20.97.
Connected	Wi-Fi is c IP addres Network Name: Edimax	connected to EdimaxHQ and has the ss 10.0.20.97.
Not Connected	Known If no kr	to join new networks networks will be joined automatically. nown networks are available, you will ed before joining a new network.
+ - * *	☑ Show Wi-Fi status in menu	u bar Advanced) ?

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

Wi-Fi	TCP/IP DNS WIN	S 802.1X Proxie	s Hardware
Configure Pv4:	Using DLCP	tatus Connected	
IPv4 Address:	10.0.20.97	(Renew DHCP Lease
	255.255.255.0 10.0.20.254	DHCP Client ID:	(If required)
Configure IPv6:	Automatically	\$	
Router:			
Prefix Length:			

IV-2. Connecting to a Wi-Fi network

For help connecting to your device's *Edimax.Setup* 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 (, and , and a window with available network connections will open.



2. Search for the SSID of your BR-6476AC and then click "Connect". If you set a password for your network, you will then be prompted to enter it.

Not connected	* , ^	Connect to a Network
Connections are available	E	Type the network security key
Wireless Network Connection	<u>^</u>	Security key:
	301	
	-atl	OK Cancel
Vendor_Guest	3 d	
HOME-38CE-2.4	llte	
HOME-90E2-5	lle.	
HOME-90E2-2.4	lle.	
HOME-37CA-5	lle.	
webRTC-5	.atl -	
Open Network and Sharing Ce	enter	

3. After correctly entering your password, you will be successfully connected to the BR-6476AC's wireless network.

IV-3. Troubleshooting

If you are experiencing problems with your BR-6476AC, please check below before contacting your dealer of purchase for help.

If you are experiencing problems immediately after a firmware upgrade, please contact your dealer of purchase for help.

1. The System LED does not light up.

- a. Make sure that the Router Adapter is properly plugged into a power outlet.
- b. Make sure the power outlet is active (working) by plugging another electric device into it.
- c. Re-plug the Router Adapter to the power outlet. If the system LED is still failed to light up, contact your local dealer for technical support.

2. The WAN LED does not light up.

- a. Make sure that the Ethernet cable (RJ-45) is properly connected to the Router Adapter's Ethernet port.
- b. Make sure that the other end of the Ethernet cable (RJ-45) is properly connected to the computer LAN card or to you Cable/xDSL Ethernet port.
- c. Make sure your computer LAN card is properly installed and configured.
- d. Make sure your Cable/xDSL broadband access is working and configured correctly.
- e. Contact your local dealer for technical support if the Ethernet LED is still failed to light up after the above procedures.

3. I can't access the Internet.

- f. Ensure that all cables are connected properly. Try a different Ethernet cable.
- g. Check if you can access the web based configuration interface. If not, please ensure your computer is set to use a dynamic IP address. Refer to the user manual for guidance if you are unsure how to do this.
- h. Login to the web based configuration interface and go to Internet > WAN Setup and check that the connection type is correct. If you are unsure which internet connection type you have, please contact your Internet Service Provider (ISP).
- i. Connect your 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.

4. I can't open the web based configuration interface.

a. Please ensure your computer is set to use a dynamic IP address. Refer to the user manual for guidance if you are unsure how to do this.

5. 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 all LEDs are off. 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 back of the device.

6. My network is configured to use static IP addresses. How can I assign a static IP address to my BR-6476AC?

If your ISP gives you a fixed or static IP address for Internet connection, you will need to gather the following information:

- a. IP Address
- b. Subnet Mask
- c. Gateway
- d. DNS Server
- e. Alternate DNS Server (Optional)

7. I forgot my password.

a. Reset the router to its factory default settings and use the default username admin and default password admin. Default settings are displayed on the product label on the back of the device, as shown above.

8. Remove Wireless Network from Your PC.

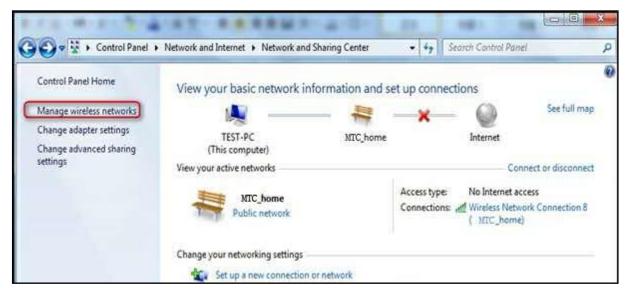
a. If you change wireless settings on your wireless device, you must remove them accordingly from your PC; otherwise, you may not be able to wirelessly connect to this device. Below describes how to remove a wireless network from your PC.

Windows 7

Step 1: Right-click the Network icon and select Properties.



Step 2: Select Manage Wireless Networks.



Step 3: Select the wireless network and click Remove network.

🕒 🖉 🔹 Kontrol Pane	el 🔸 Network and Internet 🔸 Manage W	fireless Networks 🔹 😽	Search Manage Wireless Networks
NAMES OF TAXABLE PARTY OF TAXABLE PARTY	works that use (Wireless Networ these networks in the order listed below.		
Add Adapter properties P	rofile types Network and Sharing Cent	e	0
MTC_home	Security: WPA-Personal	Type: Any supported	Automatically connect
МТС_ААААВА	Security: WPA-Personal	Type: Any supported	Automatically connect



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The product you have purchased and the setup screen may appear slightly different from those shown in this QIG. The software and specifications are subject to change without notice. Please visit our website <u>www.edimax.com</u> for updates. All brand and product names mentioned in this manual are trademarks and/or registered trademarks of their respective holders.

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 set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 2.5cm (1 inch) during normal operation.

Federal Communications Commission (FCC) RF Exposure Requirements

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such as PDAs or lap pads is not authorized. This transmitter is restricted for use with the specific antenna tested in the application for certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

RED Compliance Statement

Compliance with 2014/53/EU Radio Equipment Directive (RED)

In accordance with Article 10.8(a) and 10.8(b) of the RED, the following table provides information on the frequency bands used and the maximum RF transmit power of the product for sale in the EU:

Frequency range (MHz)	Max. Transmit Power (dBm)
2412-2472	19.74 dBm
5150-5240	19.09 dBm

A simplified DoC shall be provided as follows: Article 10(9)

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type **1200M wireless Router** is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available at the following internet

address: http://www.edimax.com/edimax/global/

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 2014/53/EU, 2014/35/EU. Français: Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2014/53/EU, 2014/35/EU. Čeština: Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2014/53/EU, 2014/35/EU. Polski: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2014/53/EU, 2014/35/EU. Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Română: Directivei 2014/53/UE, 2014/35/UE. Русский: Это оборудование соответствует основным требованиям и положениям Директивы 2014/53/EU, 2014/35/EU. Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek Magyar: (2014/53/EU, 2014/35/EU). Türkçe: Bu cihaz 2014/53/EU, 2014/35/EU direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur. Українська: Обладнання відповідає вимогам і умовам директиви 2014/53/EU, 2014/35/EU. Slovenčina: Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2014/53/EU, 2014/35/EU. Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2014/53/EU, 2014/35/EU. Deutsch: El presente equipo cumple los requisitos esenciales de la Directiva 2014/53/EU, Español: 2014/35/EU. Italiano: Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2014/53/EU, 2014/35/UE. **Nederlands:** Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2014/53/EU, 2014/35/EU. **Português:** Este equipamento cumpre os requesitos essênciais da Directiva 2014/53/EU, 2014/35/EU. Norsk: Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2014/53/EU, 2014/35/EU. Svenska: Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2014/53/EU, 2014/35/EU. Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante Dansk: forordninger i direktiv 2014/53/EU, 2014/35/EU. suomen kieli: Tämä laite täyttää direktiivien 2014/53/EU, 2014/35/EU. oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN AT BE CY CZ OK EE FI FR DE GR HU (E) (T) (V) (T) (U) MT NL PL PT SK SI ES SE GB (S) (U) NO CH BG RO RU TR (VA

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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 Radio Equipment directives.

Equipment: 1200M wireless router Model No.: BR-6476AC

The following European standards for essential requirements have been followed:

Directives 2014/53/EU

Spectrum	:	EN 300 328 V2.1.1:2016
		EN 301 893 V2.1.1:2017
EMC	:	EN 301 489-1 V2.2.0:2017
		EN 301 489-17 V3.2.0:2017
EMF	:	EN 62311:2008
Safety (LVD)	:	IEC 62368-1:2014 (2nd Edition)
		EN 62368-1:2014+A11:2017

Edimax Technol	ogy Europe B.V.	a company of:	
Fijenhof 2,		Edimax Technology Co., Ltd.	
5652 AE Eindho	ven,	No. 278, Xinhu 1st Rd.,	
The Netherlands		Neihu Dist., Taipei City,	
		Taiwan	
Printed Name:	David Huang		
Title:	Director		
	Edimax Technology Europe B.V.		

CE	Date of Signature: _ Signature:	Oct., 2020
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