EDIMAX COMPUTER INC.

Edimax BR-6258n Nano router

150Mbps Wireless Broadband Router

Station Infrastructure (AP Client)

Let your ethernet devices like xBox, Blu-ray player join an existing wireless network

© 2011 Edimax Computer 3350 Scott Blvd., Building #15 Santa Clara, California 95054, USA Phone 408-496-1105 • Fax 408-980-1630

www.edimax.us

Edimax BR-6258n

Congratulations on your purchase of the Edimax BR-6258n. It is currently the smallest wireless router, and we back them up with great technical support. We are committed to making you a success because our success depends on yours.

This is a detailed step-by-step installation instruction for the Station Infrastructure mode setup.

Assumptions:

- 1. You have the Edimax BR-6258n Wireless router.
- 2. You use Ethernet cable to connect your computer to LAN port (the Yellow port) of BR-6258n.
- 3. Keep the WAN port (the Blue port) of BR-6258n unplugged.
- 4. Power on BR-6258n router either by using its power adapter or by using its USB cable with a USB port of the computer.
- 5. Your main wireless router is powered on. Its DHCP server function is enabled. The main wireless router will give dynamic IP addresses to computers in the network.
- 6. If your main wireless router has wireless encryption setting, you know the wireless encryption passphrase (also known as network key or password) of your wireless network.

Image: Second	Fig. 1 Open web browser like Internet Explorer.
Home Quick Setup General Setup Status Tools	In the address box, enter http://192.168.2.1 hit Enter.
E System Model: BR6258n Up time: Running Time 0day:00:02:10 Hardware Version: Rev. A Boot Code Version: 1.0 Runtime Code Version: 1.04	Enter the default username and password. Username: admin Password 1234 Get into the router's configuration
Internet Connection IP Address Mode : Dynamic IP disconnect	page.
Home Quick Setup General Setup Status Tools System WAN LAN Wireless Advanced Settings NAT Firewall	Fig. 2 Click on General Setup in the menu. Click on Wireless.
 O Wireless Settings Mode : AP ▼ AP Band : Station-Infrastructure ESSID : AP Bridge-Point to Point AP Bridge-Point to Multi-Point Channel Number : AP Bridge-WDS Universal Repeater Associated Clients : Show Active Clients 	In the field of "Mode", select "Station Infrastructure" as the Mode.
Apply Cancel Home Quick Setup General Setup Status Tools	Fig. 3
System WAN LAN Wireless Advanced Settings NAT Firewall	The better "Calent Cite Comment"
O Wireless Settings	appeared.
Mode Station-Infrastructure Advanced Settings Band : 2.4 GHz (B+G+N) ESSID : ESSID : Edimax Site Survey : Select Site Survey	Click on the "Select Site Survey" button
Apply Cancel Image: 192.168.2.1/wlsurvey2.asp - Google Chrome Image: Chrome	Fig. 4
© 192.168.2.1/wlsurvey2.asp Wireless Site Survey	A new window pops up and shows available wireless networks.
it manually when client mode is enabled.	Select your wireless network.
Select Ssio Bail Chame Type Encryptic O Edimax AP 00:1f:1f:83:76:b8 (B+G+N) 11 AP WPA2-PS	Click on Done. The Wireless Site
kpk1503 00:21:91:0d:99:5b (B+G+N) 8 AP WEP	Survey window close
BR6225n 00:1f:1f:ce:29:4c (B+G+N) 11 AP WPA2-PS Image: Second	automatically
EdimaxCorp 00:1f:1f:db:38:32 (B+G+N) 1 AP WPA2-PS Refresh Done Close	
< H	

Home Quick Setup General Setup Status Tools	Fig. 5
	Please note the ESSID has been
O Wireless Settings	changed. It should be the SSID of
 Thrology Soldingo 	the existing wireless network.
Mode : Station-Infrastructure Advanced Settings	
Band : 2.4 GHz (B+G+N)	In this example, "EdimaxCorp" is
ESSID : EdimaxCorp	our main router.
Site Survey: Select Site Survey	
Apply Cancel	Click on Apply button.
Save settings successfully!	Fig. 6
You may press CONTINUE button to continue configuring other settings or press APPLY button	Click on Continue button We have
	more configurations to set.
CONTINUE	
Wireless Settings	Fig. 7
O Security Settings	Go to Security Settings. The
	encryption is disabled by default.
Encryption : Disable	
Enable 802.1x Authentication WEP	If your wireless router has wireless
WPA RADIUS Apply Cancel	encryption enabled, you need to use
	the same security password in the
	BR-6258n. If you are not sure about
	the encryption passphrase, you may
	need to check the setting in your
	wireless router
Wireless Settings	Fig. 8
O Security Settings	We recommend use WPA2 AES
Encountion · WPA pre-shared key	
WPA Unicast Cloher Suite : WPA/TKIP) @ WPA/(AES)	If your wireless router has options
Pre-shared Key Format : Passphrase	like WPA2-personal, WPA-personal,
Pre-shared Key :	WPA/WPA2 mixed. Please make
Apply Cancel	sure you select WPA2-personal.
	Here we enter the pre-shared key
	(also known as pasenbrase) Click on
	Annly
Save settings successfully!	Fig. 9
You may press CONTINUE button to continue configuring other settings or press APPLY button	Click on Continue button. Next we
	are going to disable router function.
CONTINUE APPLT	

Home Quick Setup General Setup	Fig. 10
System WAN LAN Wireless Advanced Settings NAT Firewall	Click on LAN setting.
LAN IP	Have the option of "DHCP Server" turn off.
IP address : 192.168.2.1 Subnet Mask : 255.255.255.0 802.1d Spanning Tree : Disabled ▼ DHCP Server : Enabled ▼ Lease Time : Disabled Enabled ▼ DHCP Server Start IP : 192.168.2.100 End IP : 192.168.2.200	The default IP address is 192.168.2.1. It is optional that you assign a new IP address to the BR- 6258n. The BR-6258n Station Infrastructure can work fine even its IP address is not in the wireless network. However, you may want to assign a new IP to the BR-6258n which may help you trouble shoot and easily access the BR-6258n later.
	Click on Apply.
Save settings successfully!	Fig. 11
You may press CONTINUE button to continue configuring other settings or press APPLY button	Click on Continue button. We have one more setting to be done.
Home Quick Setup General Setup Status Tools	Fig. 12
System WAN LAN Wileless Advanced Settings NAT Firewall	Go to NAT settings.
Virtual Server Special applications	Go to the option of "Static Routing".
UPnP Setting ALG Settings Static Routing	Put a check on the check box of "Enable Static Routing". Click on Apply.
Current Static Routing Table:	
NO. Destination LAN IP Subnet Mask Default Gateway Hop Count Interface Select Delete Selected Delete All	
- Apply	
Save settings successfully! You may press CONTINUE button to continue configuring other settings or press APPLY.	Fig. 13 Click on Apply for the router save settings and reboot.

	Fig. 14
	In 60 seconds, the neutron will work as
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	Access Point Station Infrastructure
	Recess I ont Station infastiticture.
System Restarting! Please wait for a while !	
OK(58)	
← → S http://www.google.com/ P + C × S Google × n + K	Fig. 15
Eile Edit View Favorites Iools Help	
Web Images Videos Maps News Shopping Gmail more - Sign in 🔅	Verify if your Ethernet computer has
	Internet.
	If your Ethernet computer has
	internet, you can connect other
	I AN (Vellow port) of BR-6258n
Coordo	The Station Infrastructure mode
GOOVIE	setup is completed.
0	I I I I I I I I I I I I I I I I I I I
Google Search I'm Feeling Lucky	
Command Prompt	
C:\Users\ts>ipconfig/release	sometimes in order for your
Windows IP Configuration	your wireless router, you need to go
	into cmd prompt and type "ipconfig
	/release" hit Enter, type "ipconfig
	/renew" hit Enter key.
Command Prompt	
C:\Users\ts>ipconfig/renew	To go into cmd prompt:
Windows IP Configuration	For Windows XP, click on Start ->
	Kun, enter "cmd" hit OK.
	FOR WINDOWS VISIA/WINDOWS /,
	"Search programs and files" enter
	"cmd" hit Enter key.
	For other devices like xBox, you can
	reboot the device.