

Wireless-N BROADBAND ROUTER

Quick Installation Guide(Q.I.G.)



REV.1.0RTL

Introduction:

The Wireless-N Router is a combined wired/wireless network connection device designed specifically for small business, office, and home office networking requirements. It complies with the IEEE 802.11n (Draft 2.0) standard. It adopts MIMO as well as SST technologies. It also works well with other 11b/g and 11n protocol wireless products. Create instant WiFi hotspots at any location where you have Internet connection

Package Contents

Before you starting to use this router, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

- 1 x Wireless-N Router
- 1 x Quick installation Guide
- 1 x Power adapter
- 1 x RJ-45 Networking Cable

WEEE Directive & Product Disposal

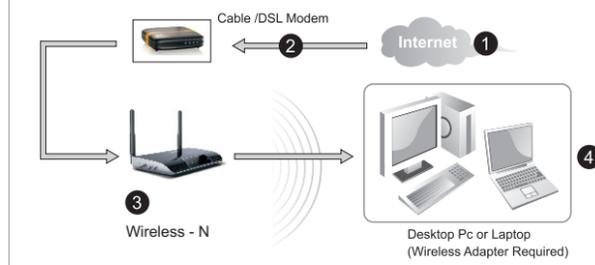


At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Getting Started

Setting up a Wireless Infrastructure Network

How it works



For a typical wireless setup at home (as shown above),

Please do the following:

1. You will need broadband Internet access (a ADSL, Cable Modem line into your home or office).
2. Consult with your ADSL or Cable Modem provider for proper installation of the modem.
3. Connect the ADSL or Cable modem to the Wireless N Router. Plug in the Power Adapter to the Wireless-N Router.
4. Adding computers to the Wireless-N Router.

IMPORTANT NOTE

You can reset your Wireless-N Router to default setting by press the 'RESET' button on the back side of the Router.

You can use this solution if you forget your password.

Adding computers to the Wireless-N Router

1. Log on to the computer.
2. Open Connect to a Network by right-clicking the network icon () or () in the notification area.
3. Choose the wireless network from the list that appears, and then click **Connect**.
4. Type the network security key or passphrase if you are asked to do so, and then click **OK**.
You'll see a confirmation message when you are connected to the network.
5. To confirm that you added the computer, do the following:

Open Network by clicking the **Start** button (), and then clicking **Control Panel**. In the search box, type **network**, and then, under Network and Sharing Center, click **View network computers and devices**.

You should see icons for the computer you added and for the other computers and devices that are part of the network.

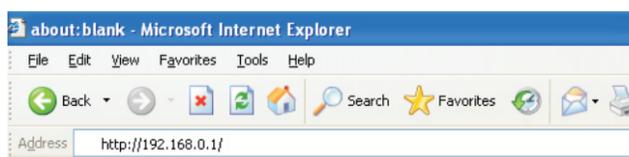
Note : If you don't see icons in the Network folder, then network discovery and file sharing might be turned off.

For more information:

- <http://windows.microsoft.com/en-US/windows7/Add-a-device-or-computer-to-a-network>
- <http://windows.microsoft.com/en-US/windows7/Setting-up-a-wireless-network>
- <http://windows.microsoft.com/en-US/windows-vista/Setting-up-a-wireless-network>

Configuring via Web Browser

Open web browser and type <http://192.168.0.1> in the browser's address box. This number is the default IP address for this device.



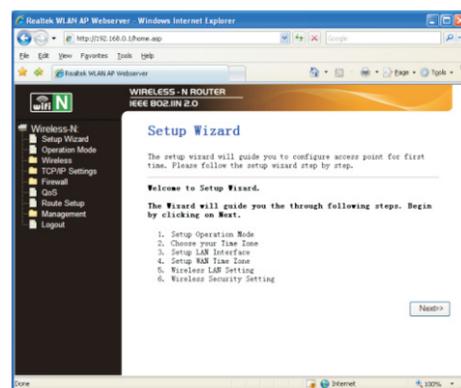
The login screen below will appear. Enter the "User Name" and "Password" and click "OK" to login.

The default User name is "admin" and the Password is "admin",



Setup Wizard

After successfully login, the following Router Summary will be displayed on your web browser:



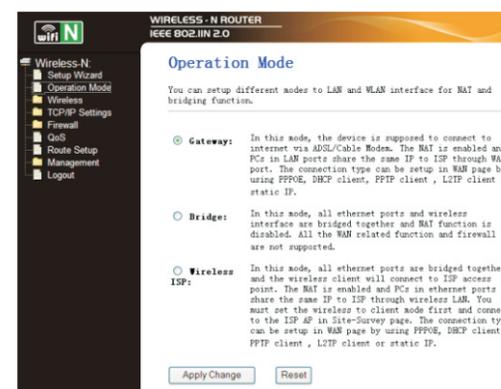
The setup wizard will guide you to configure access point for first time. Please follow the setup wizard step by step.

The Wizard will guide you the through following steps. Begin by clicking on **Next**.

1. Setup Operation Mode
2. Choose your Time Zone
3. Setup LAN Interface
4. Setup WAN Time Zone
5. Wireless LAN Setting
6. Wireless Security Setting

Setup the Router mode

To Setup the router mode, please follow the following instructions: Please click "Operation Mode" located at the web management interface, the following message will be displayed on your web browser:



► Gateway

In this mode, the device is supposed to connect to internet via ADSL/Cable Modem.

► Bridge

In this mode, all Ethernet ports and wireless interface are bridged together and NAT function is disabled. All the WAN related function and firewall are not supported.

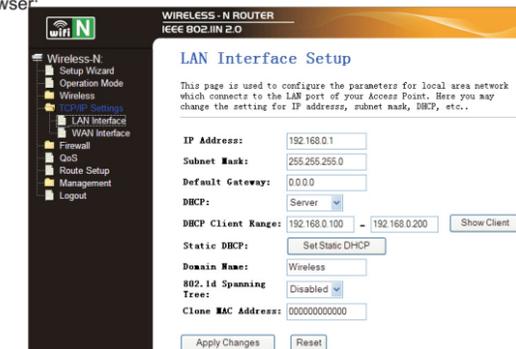
► Wireless ISP

In this mode, all Ethernet ports are bridged together and the wireless client will connect to ISP access point.

Click the **Apply Changes** button to Change your Router Mode.

LAN Settings

Please click "TCP/IP Settings--Lan Interfaces" located at the web management interface, the following message will be displayed on your web browser:



IP Address:	Enter the IP address of your Router or reset it in dotted-decimal notation Wireless-N Router (factory default: 192.168.0.1).
Subnet Mask:	An address code that determines the size of the network. Normally use 255.255.255.0 as the subnet mask.
DHCP Type:	Server, Client or Disable

Note:

- 1) If you change the IP Address of LAN, you must use the new IP Address to login the Router.
- 2) If the new LAN IP Address you set is not in the same subnet, the IP Address pool of the DHCP server will change accordingly at the same time, while the Virtual Server and DMZ Host will not take effect until they are re-configured.



Connect to Internet (Gateway)

Please click “TCP/IP Settings→WAN Interfaces” located at the web management interface, Following example is for “PPPoE” WAN setting.

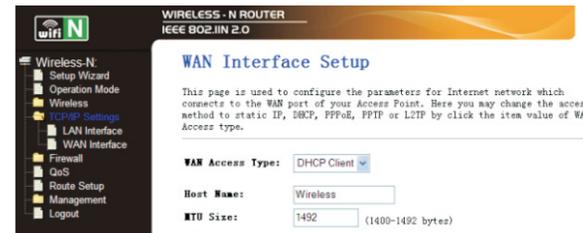


Enter the “PPPoE Username” and “PPPoE Password” that ISP provided and leave the others. (The “Service Name” can be blank)
Click “Apply Changes” button to save the settings then reboot the router.
After reboot, your router is now ready for Internet connection.

If your ISP provides a static or fixed IP Address, Subnet Mask, Gateway and DNS setting, select 'STATIC (fixed IP)'.
Enter the IP address / Subnet Mask / Default Gateway / MTU / Primary / Secondary DNS in dotted-decimal notation provided by your ISP.



If your ISP provides the DHCP service, please choose 'DHCP Client', and the Router will automatically get IP parameters from your ISP.
This page displays the WAN IP parameters assigned dynamically by your ISP, including IP address, Subnet Mask, Default Gateway, etc.



Wireless Base Configuration

Please click “Wireless -> Basic Settings” located at the web management interface, the following message will be displayed on your web browser:
You could configure the minimum number of Wireless settings for communication, such as Network Name (SSID) and Channel. The Access Point can be set simply with only the minimum setting items..



Disable Wireless	Wireless On/Off
Band:	Supports 11G/11G/11N mixed modes.
SSID:	Main Service Set Identifier. It's the "name" of your wireless network.
Broadcast SSID:	Select “enable” to enable the device's SSID to be visible by wireless clients
Channel Number	This field determines which operating frequency will be used. The default channel is set to Auto, so the AP will choose the best channel automatically. It is not necessary to change the wireless channel unless you notice interference problems with another nearby access point.

Wireless Security Configuration

Please click “Wireless-> Security” located at the web management interface, the following message will be displayed on your web browser:

Setup the wireless security and encryption to prevent from unauthorized access and monitoring. Supports 64/128-bit WEP, WPA, WPA2 encryption methods.



When you finish, click 'Apply Changes'.



Please click “Wireless-> WPS” located at the web management interface, the following message will be displayed on your web browser:

you can establish a wireless connection between wireless adapter and Router using either Push Button Configuration (PBC) method or PIN method.



Disable WPS: Enable / Disable

PIN method: If the new device supports Wi-Fi Protected Setup and the PIN method, you can add it to the network by PIN.
PBC method: If the wireless adapter supports Wi-Fi Protected Setup and the Push Button Configuration (PBC)
Step 1: Press the WPS button of the Router directly for 2 - 3seconds or Click Web management interface 'Start PBC'.
Step 2: Press the WPS button of the Adapter directly for 3 seconds.
Step 3: Wait for a while until the next screen appears.
Click Finish to complete the WPS configuration.

Router Administrator Setup

Factory Default and Settings Backup , Restore

You can backup all Setting of this router to a file, so you can make several copied of router configuration for security reason.

To backup or restore router setting, please follow the following instructions:
Please click click 'Management-> Save/Reload setting' located at the web management interface, then the following message will be displayed on your web browser:



Save Settings	Press 'Save...' button, and you'll be prompted to download the configuration as a file, you can please save it as another filename for different versions, and keep it in a safe place.
Load Settings	Press 'Browse...' to pick a previously-saved configuration file from your computer, and then click 'Upload...' to transfer the configuration file to router. After the configuration is uploaded, the router's configuration will be replaced by the file you just uploaded.
Reset Settings	Click this 'Reset' button to remove all settings you made, and restore the configuration of this router back to factory default settings

Firmware Upgrade

The system software used by this router is called as 'firmware', just like any applications on your computer, when you replace the old application with a new one, your computer will be equipped with new function. You can also use this firmware upgrade function to add new functions to your router, even fix the bugs of this router.

Please click 'Management-> Upgrade Firmware' located at the web management interface, then the following message will be displayed on your web browser:
Click 'Browse...' button first, you'll be prompted to provide the filename of firmware upgrade file. Please download the latest firmware file from our website, and use it to upgrade your router.



After a firmware upgrade file is selected, click 'Upload' button, and the router will start firmware upgrade procedure automatically. The procedure may take several minutes, please be patient.

NOTE: Never interrupt the upgrade procedure by closing the web browser or physically disconnect your computer from router. If the firmware you uploaded is corrupt, the firmware upgrade will fail, and you may have to return this router to the dealer of purchase to ask for help. (Warranty voids if you interrupted the upgrade procedure).

Change management password

Default password of Wireless Router is “admin”, and it's displayed on the login prompt when accessed from web browser. There's a security risk if you don't change the default password, since everyone can see it. This is very important when you have wireless function enabled.

To change password, please follow the following instructions:
Please click 'Management -> Password' menu on the web management interface, the following message will be displayed on your web browser:



When you finish, click 'Apply Changes'; If you want to keep original password unchanged, click 'Reset'.

