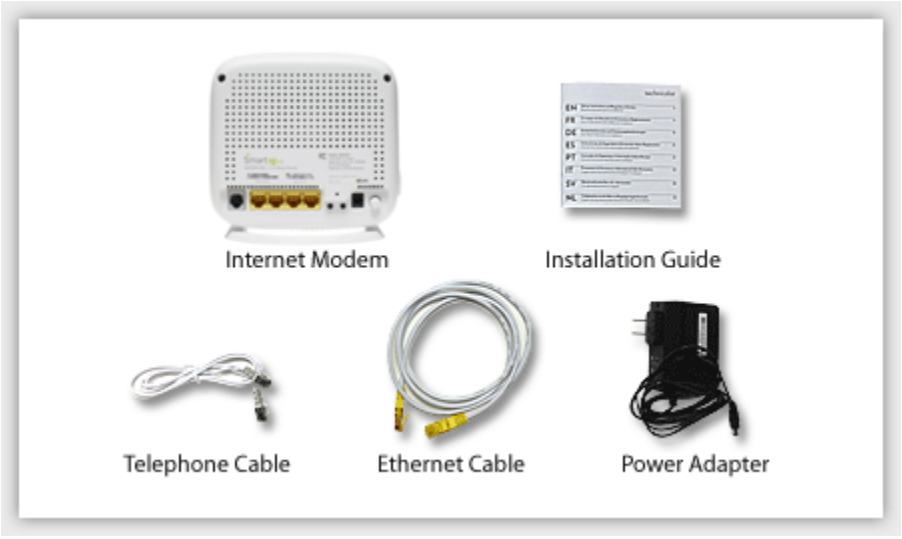
# Installation Guide - Wireless DSL Modem - SmartRG-SR505N



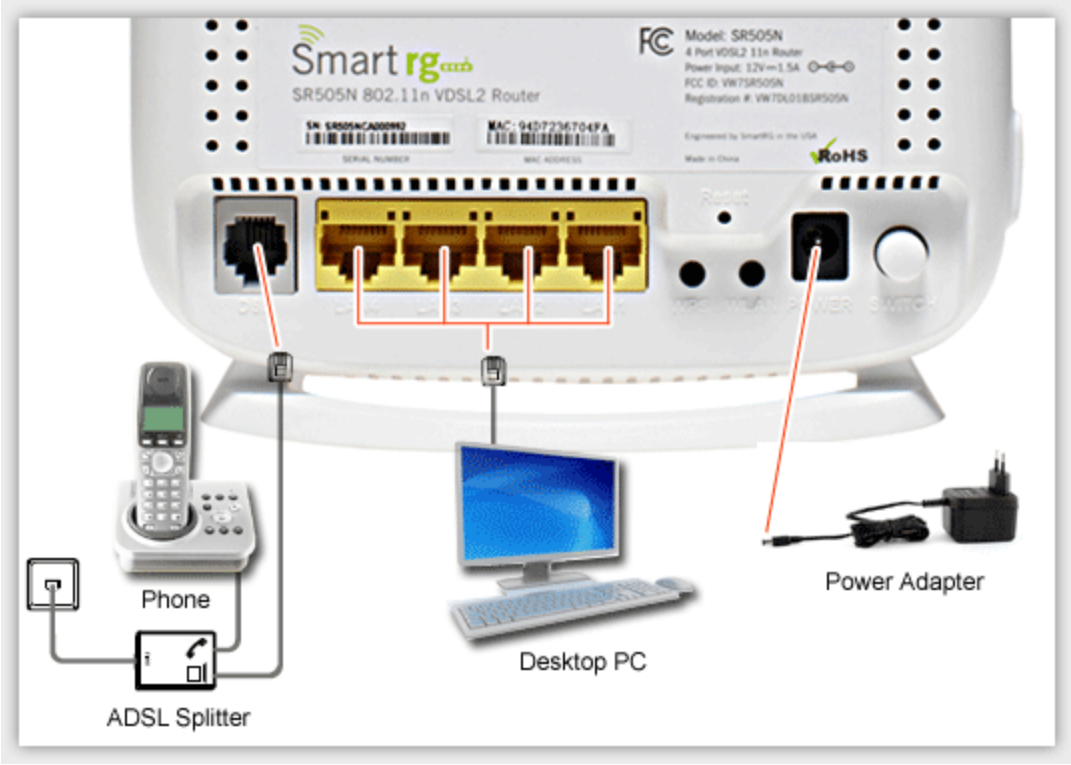
## Getting Your Internet Running

Check your modem package contents. It should contain the items shown here:




**Front Panel LED Explanation**


**Connect Your Modem**




Refer to your modem user guide or follow the below steps:

1. Connect the power supply to the modem and plug it in.
2. Connect the phone cord to the modem and plug into the phone wall jack. (There should be no surge suppressors or DSL filters on this line.)
3. Connect the network cable to the modem and then into the Ethernet port on your computer.
4. Turn the power on and wait for approximately one minute.
5. The DSL/ADSL/SYNC light should now be solid on.
6. Contact us if you have any question.

# Before Setup - Reset your modem & unplug modem

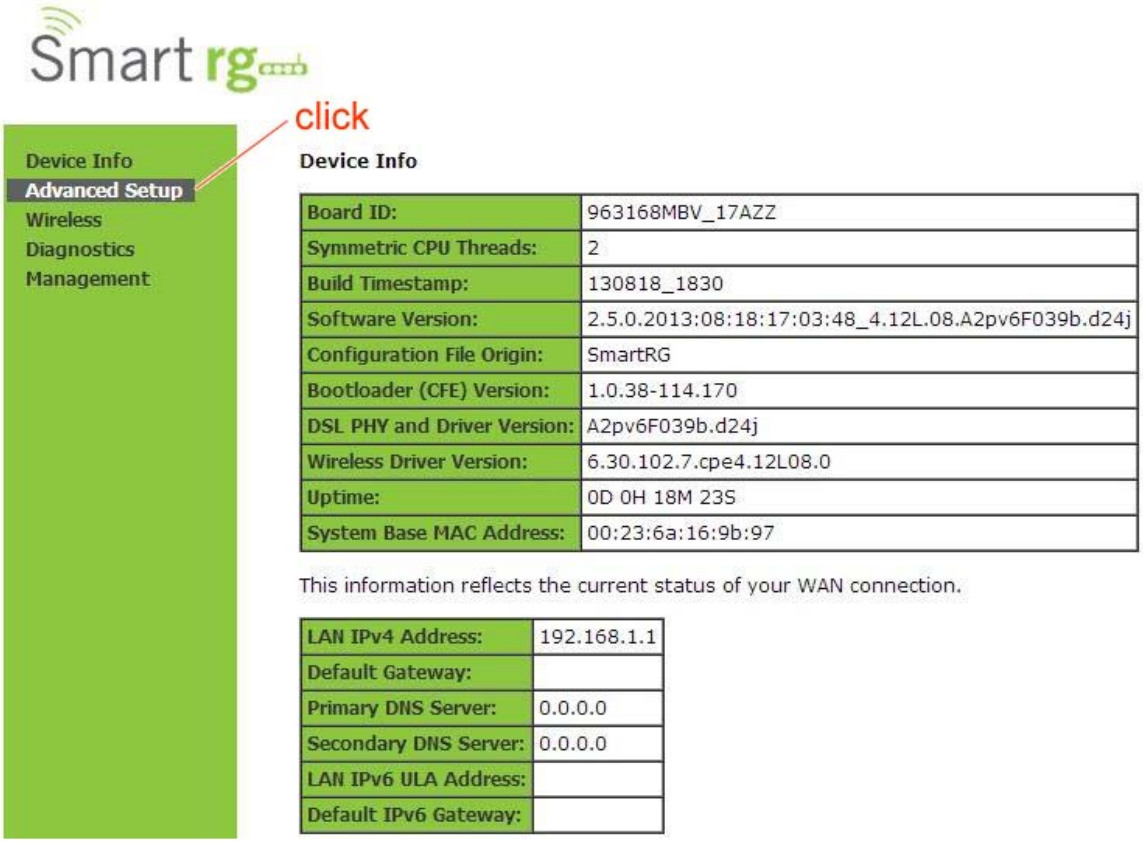
## Connect your computer to the modem with Network Cable

Press and hold Reset Button for 5-10 seconds on the modem back side.After that, uplug modem for 10sec Then, open a web browser, type: **192.168.1.1** into Address bar and **ENTER**

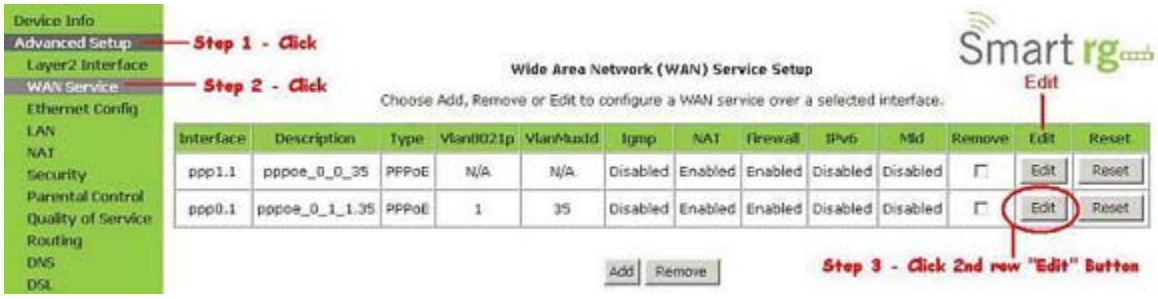

**Click "Manage Gateway (advanced)" for setup Modem**


**Login Page (for modem only)- By default, User Name:admin & Password: admin**


**Modem Home Page, Click "Advanced Setup" for setting your modem**




**Step 1: After Click Advanced Setup->Click "WAN Service". Then, Click "Edit" Button at 2nd row**




**Step 2: Input your Internet World-link Username and Password,Then change MTU size to 1442 & click next**


**PPP Username and Password**

PPP usually requires that you have a user name and password to establish ISP has provided to you.

PPP Username: — Enter UserID from World-Link

PPP Password: — Enter Password from World-Link

PPPoE Service Name:

Authentication Method: AUTO

**Link Control Protocol**

LCP Keepalive Period (s): 3

LCP Retry Threshold: 20

☐ Dial on demand (with idle timeout timer)

☐ Advanced DMZ

Non DMZ IP Address: 192.168.2.1

Non DMZ Net Mask: 255.255.255.0

☐ Use Static IPv4 Address

☑ Retry PPP password on authentication error

Max PPP authentication retries (1-65536): 65536 (use 65536 to retry forever)

☐ Enable PPP Debug Mode

☐ Bridge PPPoE Frames Between WAN and Local Ports

☑ Enable Firewall

**Network Address Translation Settings**

Network Address Translation (NAT) allows you to share one Wide Area Network (WAN) IP address for multiple computers on your Local Area Network (LAN).

☑ Enable NAT

☐ Enable Fullcone NAT

☐ Enable SIP

**Multicast Proxy**

☐ Enable IGMP Multicast Proxy

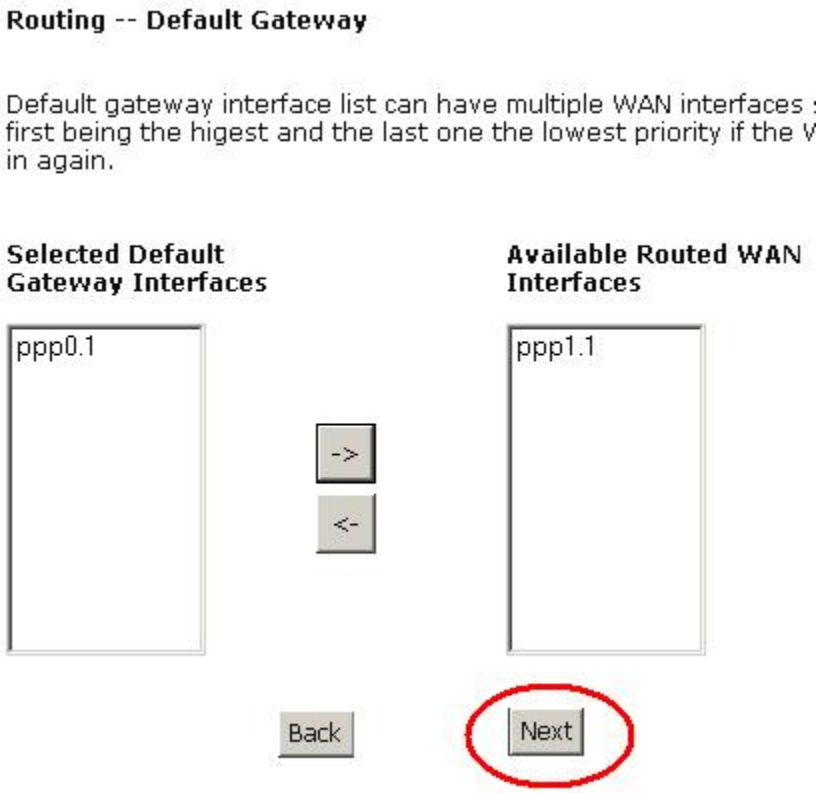
☐ No Multicast VLAN Filter

MTU size [1370-1492]: 1442 — Enter 1442

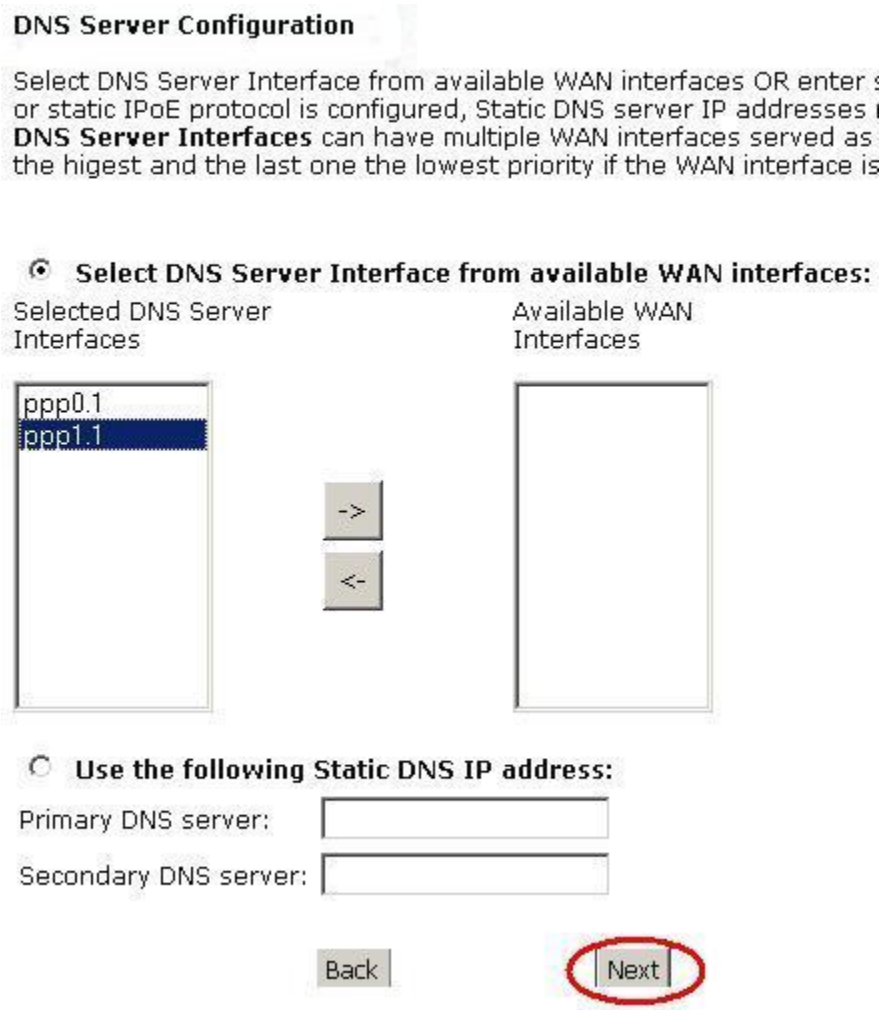
☑ Use Base MAC Address on this WAN interface:

Back Next — Click Next Button

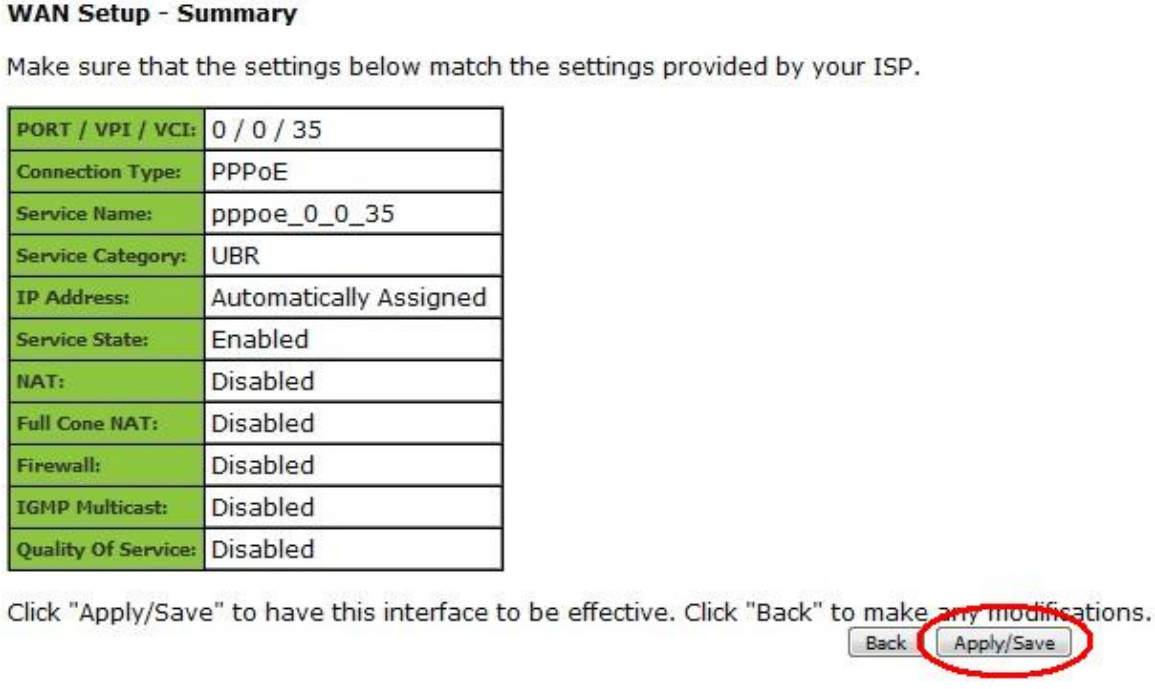
**Step 3: on Routing -- Default Gateway, do not change anything and Click next**




**Step 4: DNS Server Configuration, do not change anything and Click next**



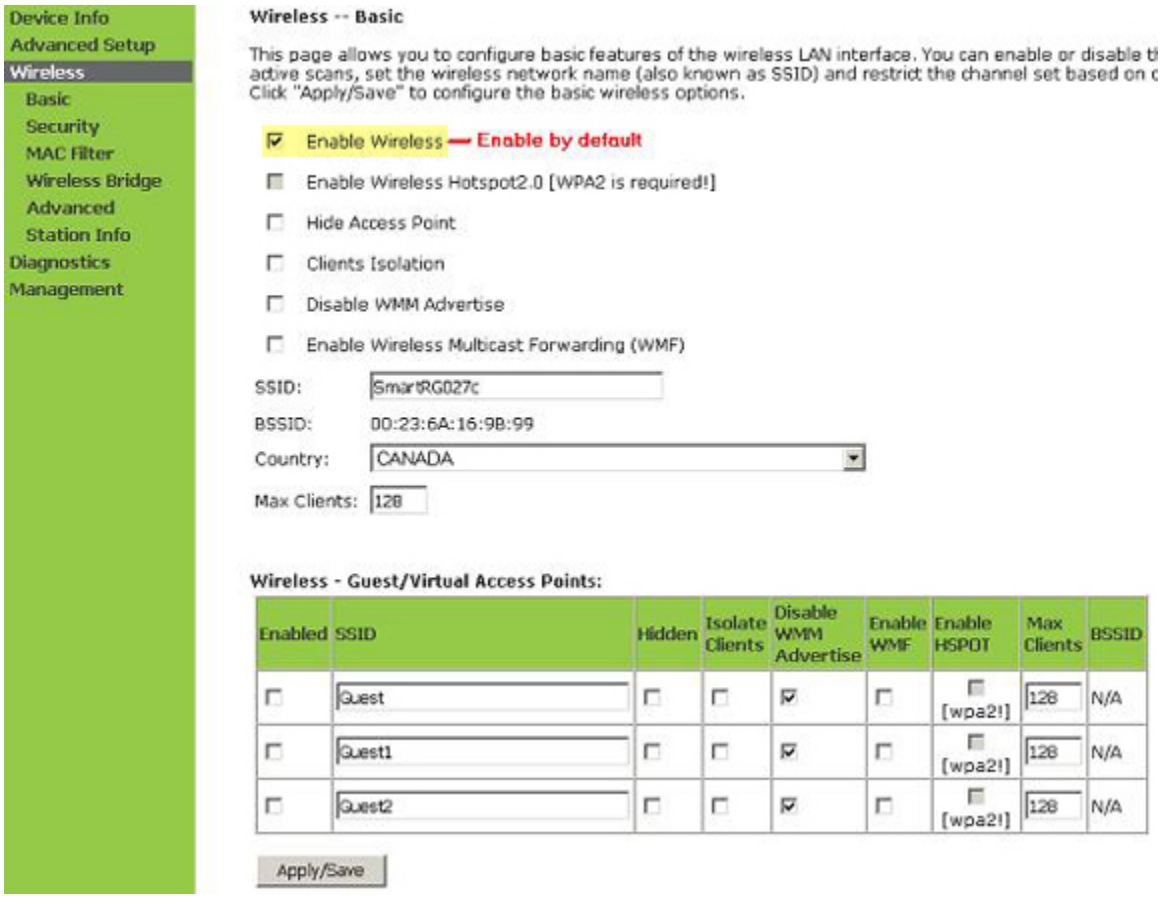

**Step 5: Wan Setup - Summary and Click Apply/Save**



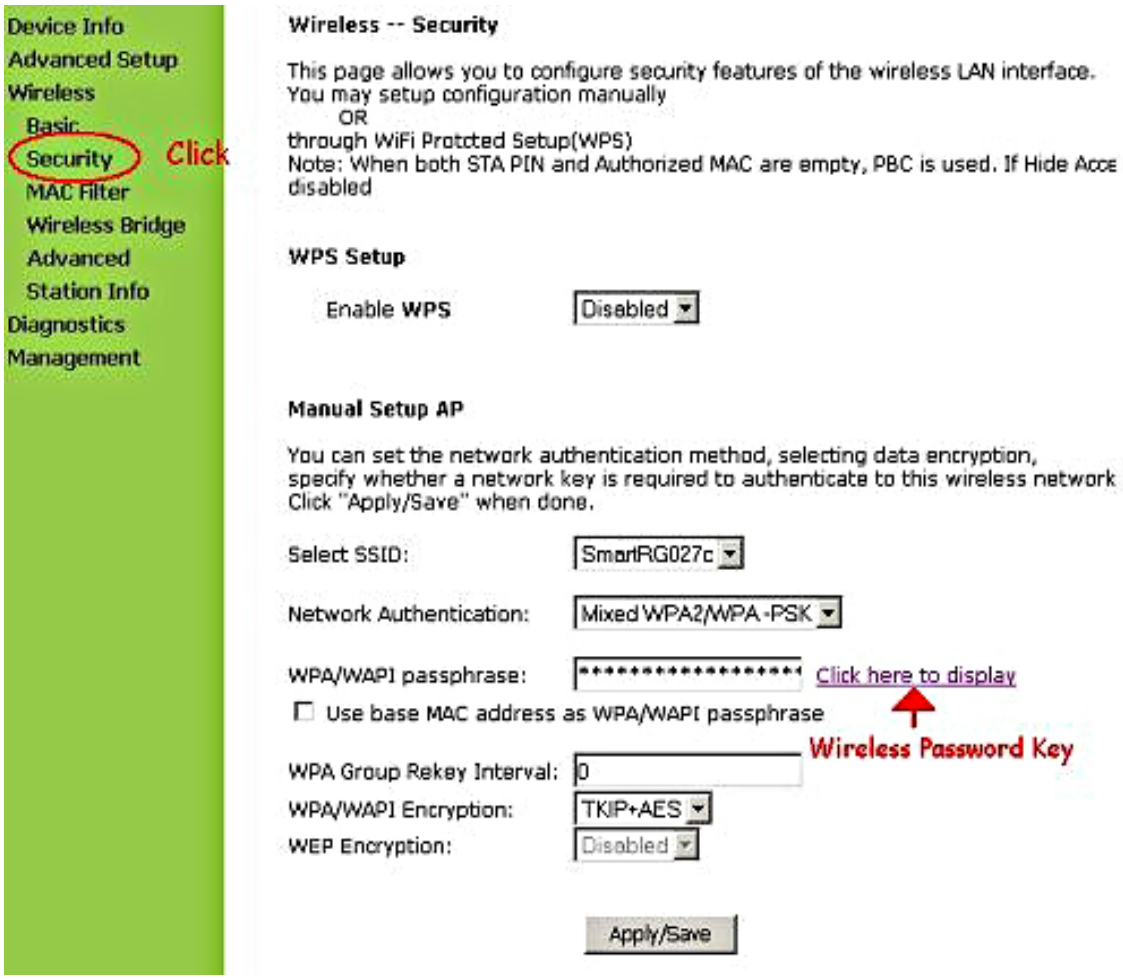

**Congratulations! Your Connection is up and running and you should be able to browse the internet.**

# Wireless Setup

**Click Security at left side menu, and Click Save**




**Click Wireless at left side menu, choose WPA2-PSK on Network Authentication, Click here to display wireless password key; you can also customize your own password key and Click Save**


Device Info
Advanced Setup
Wireless
Basic
Security
Click
MAC Filter
Wireless Bridge
Advanced
Station Info
Diagnostics
Management
Wireless -- Security
This page allows you to configure security features of the wireless LAN interface.
You may setup configuration manually
OR
through WiFi Protcted Setup(WPS)
Note: When both STA PIN and Authorized MAC are empty, PBC is used. If Hide Acce
disabled
WPS Setup
Enable WPS
Disabled
Manual Setup AP
You can set the network authentication method, selecting data encryption,
specify whether a network key is required to authenticate to this wireless network
Click "Apply/Save" when done.
Select SSID:
SmartRG027c
Network Authentication:
Mixed WPA2/WPA -PSK
WPA/WAPI passphrase:
Click here to display
Use base MAC address as WPA/WAPI passphrase
Wireless Password Key
WPA Group Rekey Interval:
0
WPA/WAPI Encryption:
TKIP+AES
WEP Encryption:
Disabled
Apply/Save