The New FW for RNX-N150RT supports 3 modes:

Wireless Router: Provides Wireless Router and WDS functions
Wireless Repeater: Provides Universal Repeater and WDS Repeater functions
Wireless Bridge: Provides Wireless Bridge functions

Operation Mode Compariaon	Wireless Router Mode	Wireless Repeater Mode	Wireless Bridge Mode
Methods:	Determines where data is supposed to go on the network and sends it on its way	Picks up a signal and rebroadcasts it	Connect two network segments. Could be used to set up a wired network where you can't lay a line to the main network for some reason
Can Creates New SSID	V	X	V
Provides Internet via Wireless connection	V	V	V
Provides Internet via Wired connection	V	V	V
Able to link to Cable/DSL modem	V	X	X
Wirelessly connects to Other SSID	V (WDS, may have Compatible issue with other chipset solution)	V	V (May have Compatible issue with other chipset solution)
Setup Methods	Please see User Manual	Wireless Repeater	Wireless Bridge

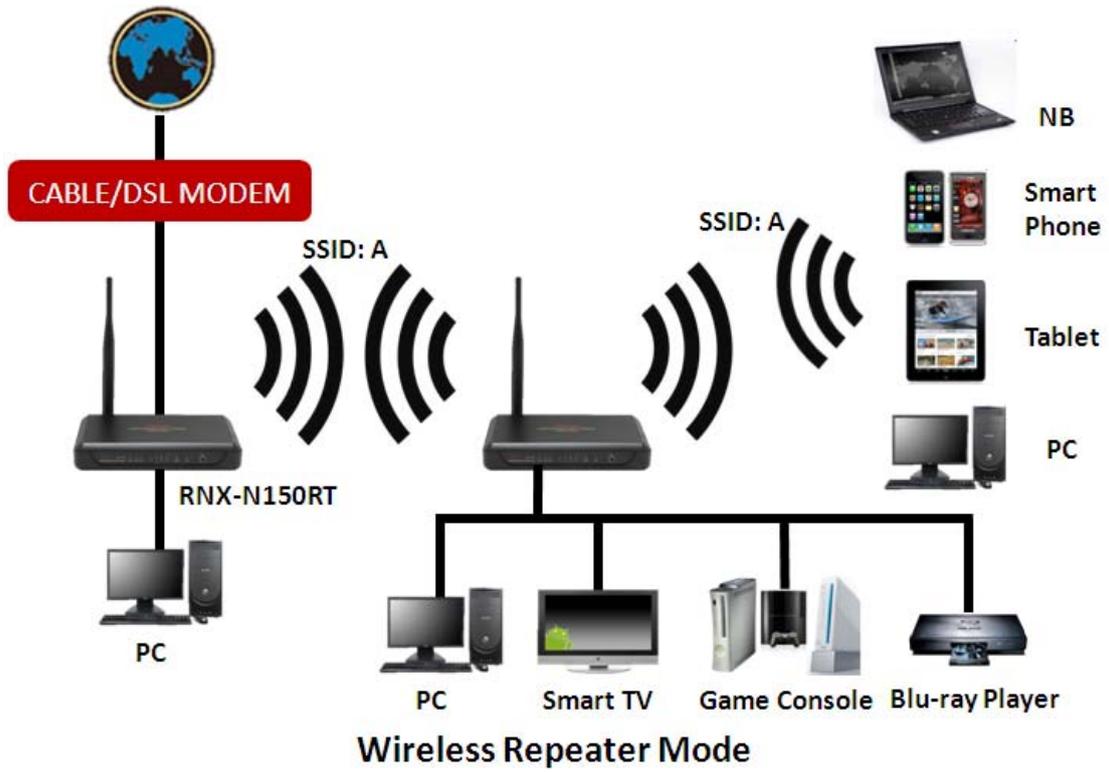

Figure 1 Wireless Router Mode
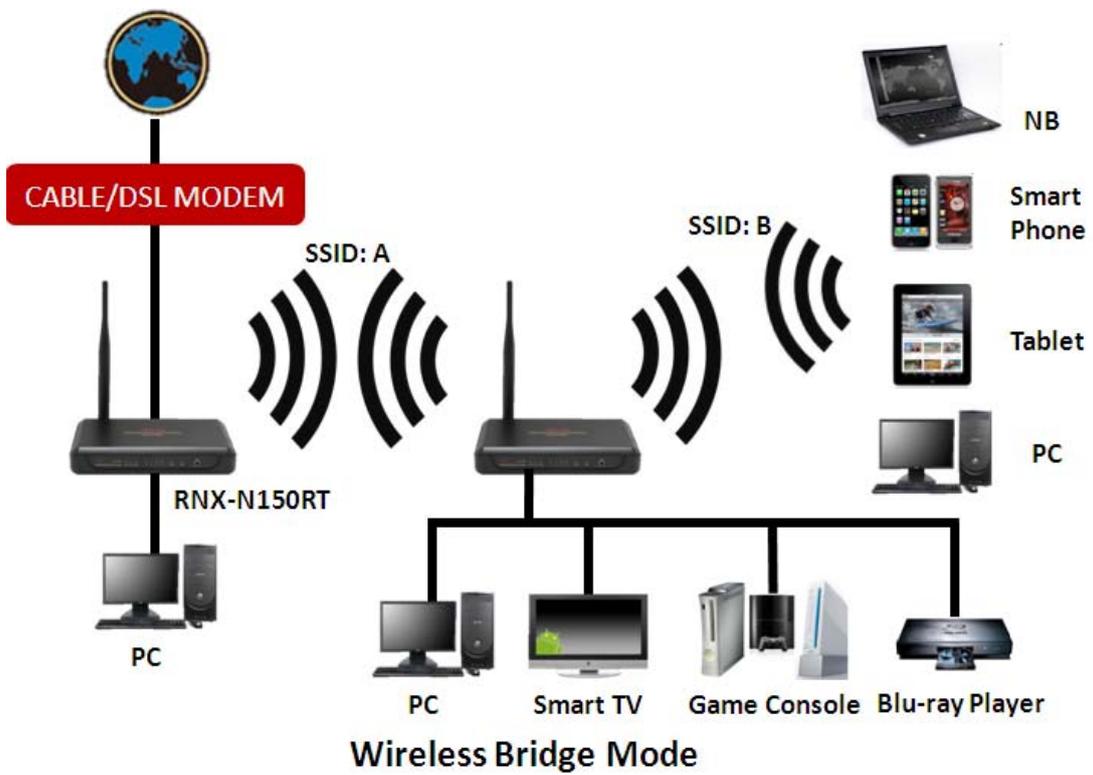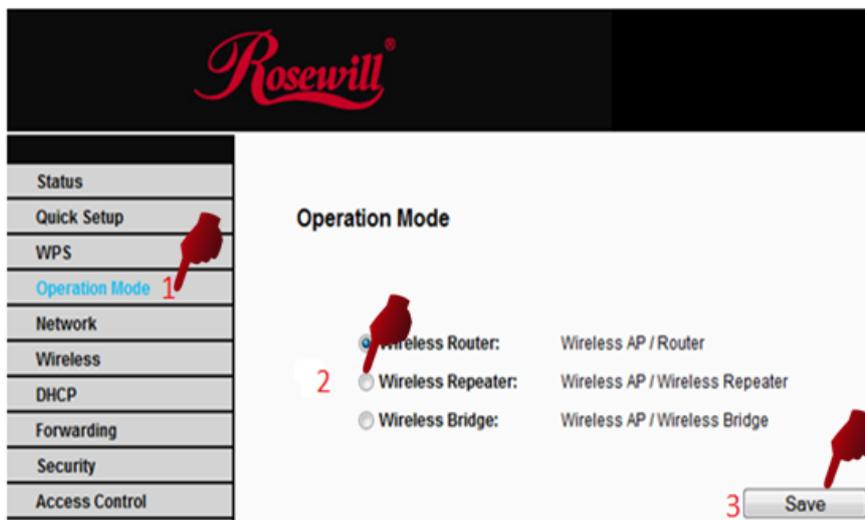
Figure 2 Wireless Repeater Mode

Figure 3 Wireless Bridge Mode

Changing the Operation Mode for RNX-N150RT (Using Wireless Repeater Mode as example)

Thank you for updating the New FW which provides you with 3 types of Operation Modes you can utilize: Please follow the steps here to set up the Repeater Mode:

Enter into the Web Utility page for RNX-N150RT (for detail, please see QIG. 2.4 Quick Installation Guide)

1. Under the web management page, click on "**Operation Mode**"
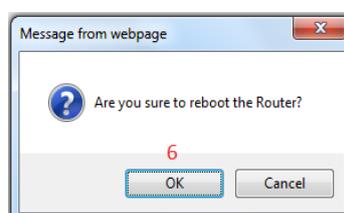2. Select "**Wireless Repeater**"
3. Click "**Save**"

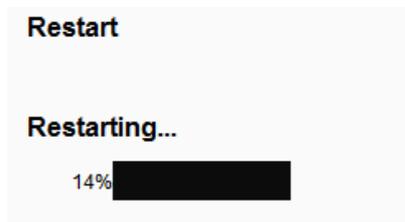4. When see below appears in red, select "**click here**" to continue:
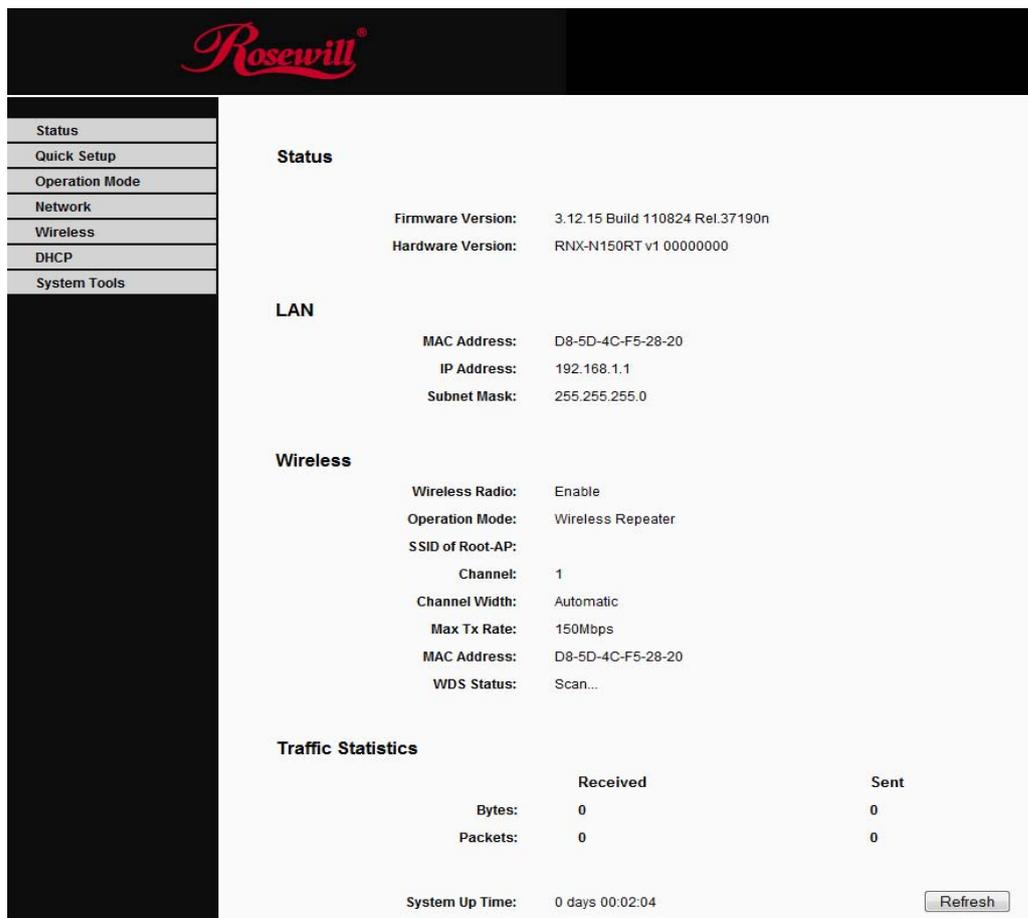

5. Click "**Reboot**"

6. Select "**OK**"

7. A bar will appear, please wait until "**Restarting**" hits 100%, then the Web Browser will reload automatically under the "**Wireless Repeater**" mode in 8.

Restart

Restarting...

14%

8. Here is what Wireless Repeater management page will look like after the reboot:

Status

Quick Setup

Operation Mode

Network

Wireless

DHCP

System Tools

Status

Firmware Version:	3.12.15 Build 110824 Rel.37190n
Hardware Version:	RNX-N150RT v1 00000000

LAN

MAC Address:	D8-5D-4C-F5-28-20
IP Address:	192.168.1.1
Subnet Mask:	255.255.255.0

Wireless

Wireless Radio:	Enable
Operation Mode:	Wireless Repeater
SSID of Root-AP:	
Channel:	1
Channel Width:	Automatic
Max Tx Rate:	150Mbps
MAC Address:	D8-5D-4C-F5-28-20
WDS Status:	Scan...

Traffic Statistics

	Received	Sent
Bytes:	0	0
Packets:	0	0

System Up Time:	0 days 00:02:04	Refresh

RNX-N150RT as Wireless Repeater Setup:

When Repeater Web Management show up, please follow below steps:

1. Click on "**Wireless**"
2. Select "**Wireless Settings**"
3. Choose between "**Universal Repeater**" or "**WDS Repeater**"
4. Select "**Search**"

Note:

Universal Repeater and WDS Repeater support different chipset solution. Universal Repeater can support most of the solution. Recommend first select using "**Universal Repeater**".

5. You will see a list of the Wireless Routers' Signals show up. Select your desired SSID.
6. Click "**Connect**"

7. After Step 6, you will return to the setup page. Please choose your Key Type which is your desired SSID's encryption method

8. Entered your SSID's Password (We use **123456789** here as example for the password of **Rosewill_Gateway1**)

9. Click "**Save**" to continue.

10. You will be asking to reboot, please follow the instruction of rebooting. Once Reboot complete, your RNX-N150RT's Wireless Repeater setup is complete!

RNX-N150RT as Wireless Bridge Setup:

When Wireless Bridge Web Management show up, please follow below steps:

1. Click on "**Wireless**"
2. Select "**Wireless Settings**"
3. Select "**Search**"

4. You will see a list of the Wireless Routers' Signals show up. Select your desired SSID.
5. Please remember your desired SSID's Channel
6. Click "**Connect**"

AP List

AP Count: 19

ID	BSSID	SSID	Signal	Channel	Security	Choose
1			11dB	1	ON	Connect
2			4dB	1	ON	Connect
3			36dB	1	ON	Connect
4			38dB	1	OFF	Connect
5			37dB	1	OFF	Connect
6			4dB	2	ON	Connect
7			10dB	2	ON	Connect
8				4	ON	Con
9			23dB	6	ON	Connect
10		Rosewill_Gateway1	50dB	6	ON	Connect
11			12dB	6	ON	Connect
12			14dB	9	ON	Connect
13			4dB	9	ON	Connect
14			19dB	11	ON	Connect
15			25dB	11	ON	Connect
16			28dB	11	ON	Connect
17			46dB	11	ON	Connect
18			49dB	11	OFF	Connect

Sidebar menu:
- Status
- Quick Setup
- Operation Mode
- Network
- **Wireless**
  - Wireless Settings
  - Wireless MAC Filtering
  - Wireless Advanced
  - Wireless Statistics
- DHCP
- System Tools

7. After Step 6, you will return to the setup page. You can enter a different set of SSID for this Wireless Bridge.

    7-1.   If you set a different SSID, please remember to set this SSID's security.

8. Select your SSID's Channel (Here we use "**6**" as shown previously in **Step 5**)

9. Please choose your Key Type which is your desired SSID's encryption method

10. Entered your SSID's Password (We use **123456789** here as example for the password of **Rosewill_Gateway1**)

11. Click "**Save**" to continue.

12. You will be asking to reboot, please follow the instruction of rebooting. Once Reboot complete, your RNX-N150RT's Wireless Bridge setup is complete!