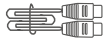
# netis Beacon N300 Gaming Router
# Quick Installation Guide

Model NO. WF2631

# 1.Package Contents

Beacon N300 Gaming Router

Power Adapter



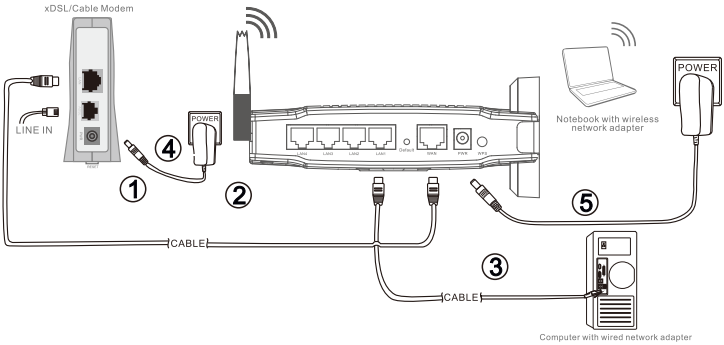
Ethernet Cable


QIG

C D

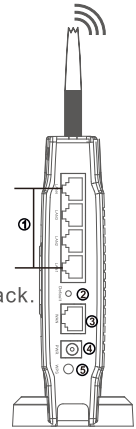
# 2.Product Connection

## 2.1 Hardware Connection




① Power off your Modem.
② Connect the **WAN** port on netis Router to the Modem's **LAN** port with an Ethernet cable.
③ Connect your computer to one of the **LAN** ports on netis Router with an Ethernet cable.
④ Power on your Modem.
⑤ Plug the provided Power Adapter into the **PWR** jack of netis Router and the other end to a standard electrical socket. Then wait for one minute.

## 2.2 Product Instruction




**①LAN1-LAN4 Ports:**
Connect up to 4 computers.

**②Default Button:**
If you forget your personal set up information, please use the pin to push into the hole and reset to manufacture default mode.

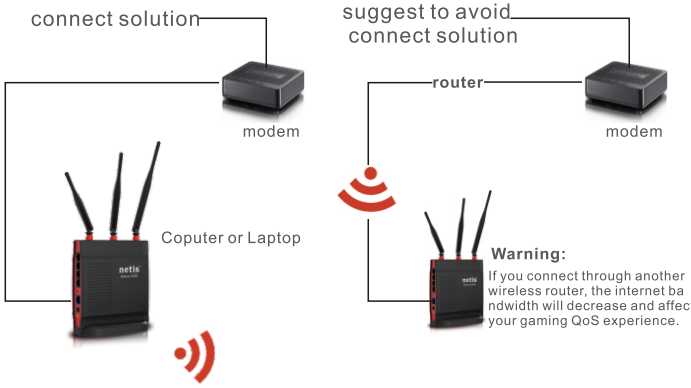
**③WAN Port:**
Connect to your XDSL/Ethernet/Cable modem for broadband access.

**④Power Jack:**
Connect the provided power adapter to the DC jack.

**⑤WPS Button:** (default set up is disable)
Press once to enable the WPS function
Press twice to connect to your Modem automatically.

# 3.For Gamer

## 3.1 Connection



## 3.2 Installation

**Step 1:** Open CD.


**Step 2:** Insert the CD into your computer's CD-ROM drive, and double-click on **"Beacon.exe"** to install the PC application software, then start controlling Gaming bandwidth.


**Step 3:** Click **"Bandwidth Test"** button ,and Speed Data will show **here**. If not, you can manually input the data based on the **speedtest.net** result.

**Step 4:** Click "**Save**" button, then go to **Gaming Library** page.

**Step 5:** Input your **game name** here.

**Step 6:** Select your game "**exe**" file in your computer.


**Step 7:** Add Game.

**Step 8:** Click "**Save**".

**Step 9:**
Repeat **Step 5** to **Step 8** till you finish all games you would like to save in the library.

*QoS is assigned to "application" , only when you enable the game, QoS will automatically "on".

*Qos is not assigned to "device", if you would like to assign bandwidth to "device", please refer "For Consumer User" link page [4.3] in below.


**Feature**

You can input the percentages for different applications to assign the bandwidth simply.

**NOTE:** The function about **Web** page will be available in next version software for you to update.

# 4.For Consumer User

**Log in our web control page (192.168.1.1) through the web browser**

# 4.1 How to Set up Internet type and basic Wi-Fi


**Step 1:** Click “Quick Setup”.


**Step 2:** Select WAN “Connection Type”.

**DHCP(Cable Modem):**
The router will automatically receive the IP parameters from your ISP (internet service provider).

**Static:**
Enter IP address / Subnet Mask/ Default Gateway/DNS Servers given by your ISP.

**PPPoE (ADSL):**
Enter the User Name & Password given by your ISP.

**Step 3:**

**Wi-Fi Name Set Up :**
you can pick up your own Wi-Fi name.

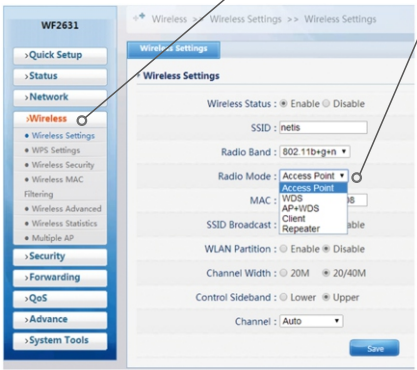
**Step 4:**

**Change Password :**
You can reset your new password here.

**Step 5:** Click “Save”

# 4.2 How to Set up router in different Wi-Fi mode

**Step 1:** Click “Wireless” and select “Wireless Settings”




**Step 2:**
Display the selections and set the mode as you need.

**Access Point:**
The router will provide the direct wireless access for your laptops,smartphones and tablets.

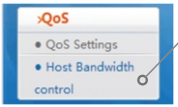
**WDS:**
The router will communicate with another wireless network, and your laptop can only connect to the router with Ethernet cable.

**AP+WDS:**
The router will communicate with another wireless network, and your computer can connect to the router with Ethernet cable or through Wi-Fi.

**Client:**
The computer connected by Ethernet could get access to a wireless network by Client mode.

**Repeater:**
The Repeater will extend the range of wireless network.

# 4.3 How to Set up QoS

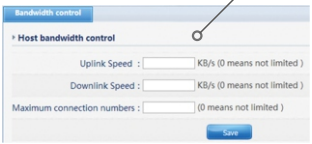



**Step 1:**

Click "**QoS**" and select "**Host Bandwidth Control**".

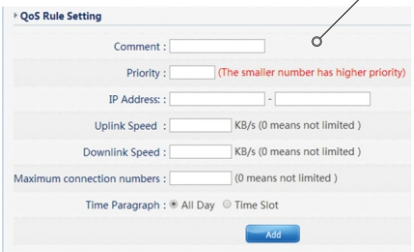
**Step 2:**

Set the total Uplink & Downlink bandwidth you want to control through the WAN Port. Click "**Save**".




**Step 3:**

Set the QoS rule for specified devices based on the IP address.




**Comment:**
A description for the rule.

**Priority:**
The smaller number has higher priority.

**IP Address:**
IP address/IP range of your devices.

**Uplink Speed:**
Maximum uplink speed the specified device can share.

**Downlink Speed:**
Maximum downlink speed the specified device can share.

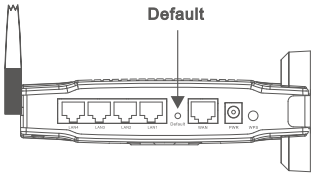
**Maximum connection number:**
Maximum allowed Session for the router. You'd better leave it as 0.

**Time Paragraph:**
Set the time schedule for the rule.

# 5.Troubleshooting

**Q** How do I restore my netis Router's configuration to its default settings?

**A** With the router powered on, use a pin to press and hold the **Default** button on the rear panel for 8 to 10 seconds before releasing it. The router will reboot and all configurations are back to factory default.




**Q** What can I do if my Internet cannot be accessed?

**A** 1) Check to verify the hardware connections are correct.
Please refer to the **"Hardware Connection"** step.

2) Login to netis Router's web management page and ensure that you set the correct Internet Connection Type.
For cable modem users, please configure **"MAC Clone"** additionally.
On the left-side menu, left-click on **"Network"** > **"MAC Clone"**.
And left-click on **"Clone MAC address"** and then **"Save"** it.


3) Reboot the modem first and then netis Router. Wait for one minute before you check the Internet again.

4) If Internet access is not available, please connect your computer directly to your modem and try the Internet again.
If the Internet is still not working, please contact your ISP for further help.

**Technical Support:**
**USA/ Canada:**
Toll Free: +1 866 71 network (+1 866 716 3896)
E-mail: usa_support@netis-systems.com
**Other Regions:**
E-mail: support@netis-systems.com

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www.netis-systems.com
MADE IN CHINA

## Appendix A: FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the 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:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

### FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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.

**Caution!**
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Appendix B: Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.
*Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.*

This device complies with Industry Canada RSS-210. Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
*Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio RSS-210.*
*L'exploitation est autorisée aux deux conditions suivantes :*
*(1) l'appareil ne doit pas produire de brouillage, et*
*(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
*Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.*

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
*Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.*

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication. This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

PKUM05529

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