aidata

User

Manual

GP854GVR-V2

Content

1 Introduction

Welcome to the user manual for the AX3000 Wireless Gigabit VoIP GPON Router (GP854GVR-V2). We are delighted to present this manual to help you maximize the potential of your GP854GVR-V2. GP854GVR-V2 is a AX3000 Gigabit Passive Optical Network xPON (EPON&GPON) terminal ideal for Fiber To The Home solution. GP854GVR-V2 supports bridge or route multi-WAN connectivity, IPv4 and IPv6 protocol stack, multicast protocol, QoS and firewall capabilities, easy Mesh functionality and TR069 management protocol. The device uses the latest 802.11ax WiFi 6 technology standard and is compatible with 802.11ac/b/g/n, supporting a 3000Mbps connection rate. The GP854GVR-V2 provides a perfect terminal solution and future-oriented service support capabilities for FTTH deployments.

This manual provides details of each function and shows you the way to configure these functions appropriate to your needs.When using this manual, please notice that features of the ONT may vary slightly depending on the model and software version you have, and on your location, language, and Internet service provider. All screenshots, images, parameters and descriptions documented in this guide are used for demonstration only.

2 Technical specifications of GP854GVR-V2

Specification	Value
Dimensions (mm)	231x135x54
weight	391g
Operating environment	Humidity: 10%~90%, non-condensing Temperature: 0°C~45°C (32°F~113°F)
Storage environment	Humidity: 5%~90%, non-condensing Temperature: -40°C~70°C (-40°F~158°F)
External power supply	12 V (DC), 1 .5A
Interface	1*PON Port + 4*GE（RJ45） + 1*FXS（RJ11） +1*USB
Button	1*Reset Button，1*WPS/Wifi Button
LEDs	PWR、PON、LOS、LAN、2.4G、5G、FXS
Antenna	4*5dBi external antenna
GPON standard	ITU G.984
EPON standard	IEEE802.3ah
Connector style	SC/PC （APC or UPC）
PON quantity	1
PON interface receiving rate	2.488Gpbs
Wifi Standard	IEEE 802.11 a/b/g/n/ac/ax
Wireless Rate	2.4GHz:574Mbps; 5GHz:2402Mbps
Bandwidth	2.4G :20/40 MHz 5G: 20/40/80 MHz
Data Modulation	OFDMA(BPSK/QPSK/16QAM/64QAM/256QAM/1024)
Encryption method	WEP/WPA2/WPA2 mixture/WPA3 mixture
Features	OFDMA/MU-MIMO/Beamforming 80MHz bandwidth 256QAM
Application functions	PPPoE/Static IP/DHCP Multiple SSID Virtual server/UPnP VPN/PPTP/L2TP Parental control Firewall IPv4/IPv6 IPTV Bandsteering APP management Easymesh R4 WEB UI/TR069

3 Product

A GP854GVR-V2 has two connection interfaces, it can be installed on any shelf or table. With GP854GVR-V2, all of your family members can play video games, listen to music, check email, shop, stream movies, and more-all simultaneously and without lag or buffering. It features easy installation, free networking, and flexible management on both web UI (for computers and mobile clients) and App. GP854GVR-V2 could greatly increases the wireless range & sensitivity, which enables you to receive wireless signals in the farthest corner of your home or office.

Figure 1: A GP854GVR-V2 top view

Figure 2: A GP854GVR-V2 back view

3.1 Package content

Name	Description
GP854GVR-V2	AX3000 Wireless Gigabit VoIP GPON Router
Power Adapter	12V, 1.5A
Ethernet cable	1

4 LEDs & PORTS

LED indicator	Color	Status	Description
PWR	Green	Solid on	The ONT is powered on properly.
		Off	The ONT is powered off or not powered on properly.
PON	Green	Solid on	The ONT is registered successfully.
		Blinking	The registration is not completed (unregistered or registering).
		Off	The received optical power is lower than the optical receiver sensitivity, or no fiber cord is connected.
LOS	Red	Blinking	The received optical power is lower than the optical receiver sensitivity, or no fiber cord is connected.
		Off	The received optical power is within the optical receiver sensitivity.
LAN	Green	Solid on	The LAN port is connected properly, but no data is being transmitted over the corresponding port.
		Blinking	The LAN port is connected properly, and data is being transmitted over the corresponding port.
		Off	No Ethernet device is connected or the Ethernet device is not connected to the LAN port properly.
2.4G	Green	Solid on	The 2.4G Wi-Fi network is enabled.
		Blinking	The WPS is negotiating.
		Off	The Wi-Fi network is disabled.
5G	Green	Solid on	The 5G Wi-Fi network is enabled.
		Blinking	The WPS is negotiating.
		Off	The Wi-Fi network is disabled.
FXS	Green	Solid on	The ONT is registered with IMS, but no data is being transmitted.
		Blinking	The ONT is registered with IMS, and data is being transmitted.
		Off	The ONT is not registered with IMS.

Port/Button	Description
LAN1/2/3/4	Gigabit LAN ports. Used to connect to a ONT, switch, computer or IPTV set top box.
FXS	Telephone port. Used to connect to a telephone for voice service.
POWER	Power jack. Please use the included power adapter to connect the ONT to a power source.

ON/OFF	Power switch. Used to switch on/off the ONT power.
WPS/WiFi	WPS/WiFi button. • **WPS:** Press the button (0~7s) to enable Easymesh of the ONT. • **WiFi:** Press the button (>7s) to enable or disable the Wi-Fi network of the ONT.
RESET	Reset button. To restore the ONT to factory settings: After the ONT completes startup, press the button for more than 7 seconds and release it. All LED indicators will light off in a few seconds.

5 Hardware Installation

The GP854GVR-V2 was intended for use in residential and controlled environments..

5.1 Overview

For better WiFi performance, it is recommended that the ONT be positioned according to the following guidelines:

- Place the ONT in an elevated, open and unobstructed location, not in confined spaces or corners.
- Place the ONT away from metal obstructions, such as weak current boxes and metal racks.
- Place the ONT away from electrical devices with strong interference.such as microwaves, ovens, refrigerators and cordless phones.

5.2 Precautions

Before performing an operation, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, and the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- For wall mounting, the equipment is only suitable for mounting at heights ≤ 2m.
- For desktop mounting, the device must be horizontally mounted for safe use.
- Do not use the device in a place where wireless devices are not allowed.
- Please use the included power adapter.
- Mains plug is used as the disconnect device, and shall remain readily operable.
- The power socket shall be installed near the device and easily accessible.
- Operating environment: Temperature: 0℃ to 45℃; Humidity: (10% - 90%) RH, non-condensing;

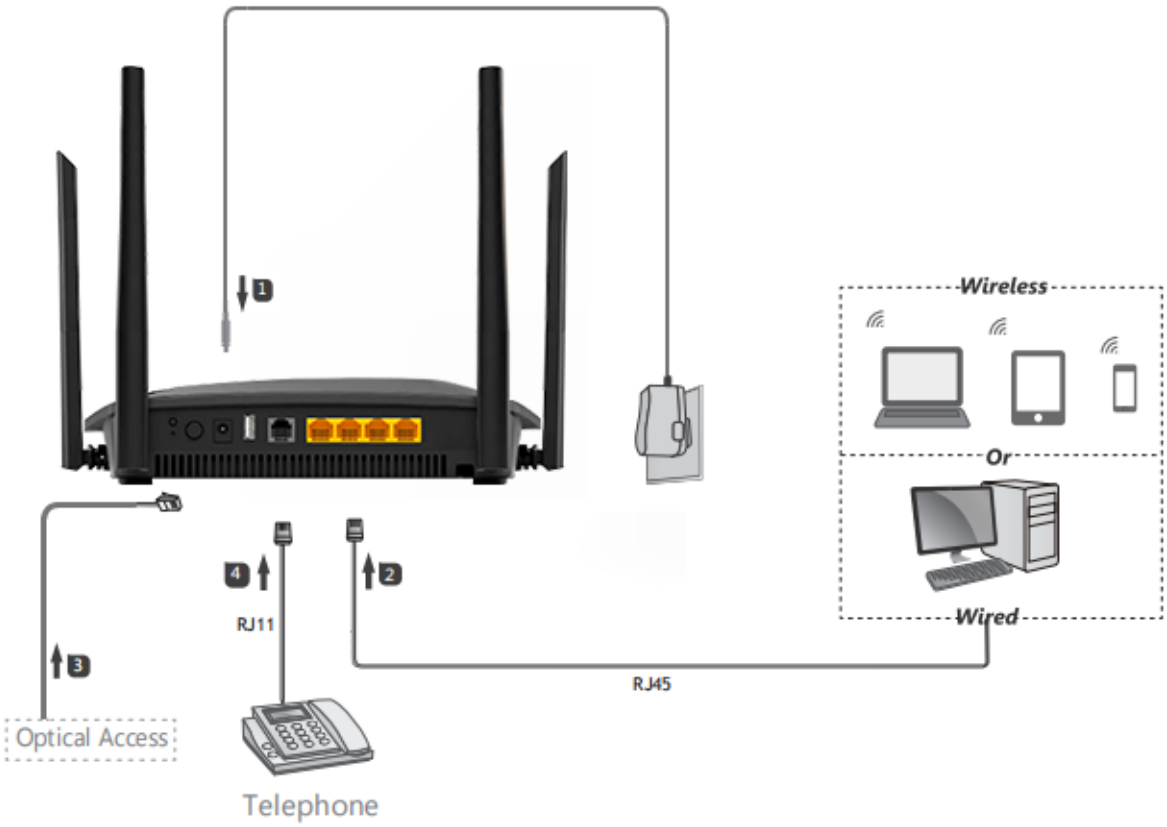
Storage environment: Temperature: -40℃ to +70℃; Humidity: (5% - 90%) RH, non-condensing.

- Keep the device away from water, fire, high electric field, high magnetic field, and inflammable and explosive items.
- Unplug this device and disconnect all cables during lightning storms or when the device is unused for long periods.
- Do not use the power adapter if its plug or cord is damaged.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.
- Disassembling or modifying the device or its accessories without authorization voids the warranty, and might cause safety hazards.

5.3 Hardware Installation

After choosing the installation location for the GP854GVR-V2, follow the installation instructions.

5.3.1 Hardware Installation



1. Power on the ONT.
2. Connect your wired device, such as a computer, to a LAN port of the ONT.

3. Connect your wireless device, such as a smartphone, to the Wi-Fi networks of the ONT, using the SSID (Wi-Fi name) and Key (Wi-Fi password) on the bottom label.

5.3.2 Check the Installation

The control LEDs of the WLAN ONT are clearly visible and the status of the network link can be seen instantly:

(1) After hardware installation, at the time of powering on, the LED of this mesh will blink indicating a normal status.

(2) When the WAN/LAN Port is connected to the ADSL/Cable modem, the LED will keep solid on.

(3) When the LAN Port is connected to the computer , the LED will keep solid on.

5.3.3 Set up the Computer

The default IP address of the ONT is 192.168.1.1, the default Subnet Mask is 255.255.255.0. Both of these parameters can be changed as you want. In this guide, we will use the default values for description.

Connect the local PC to the LAN port on the ONT. There are then two ways to configure the IP address for your PC.

- ☐ Configure the IP address manually

1. Right-click My Network Places—Properties, then right-click Local Area

Connection—Properties, double click TCP/IP Protocol.

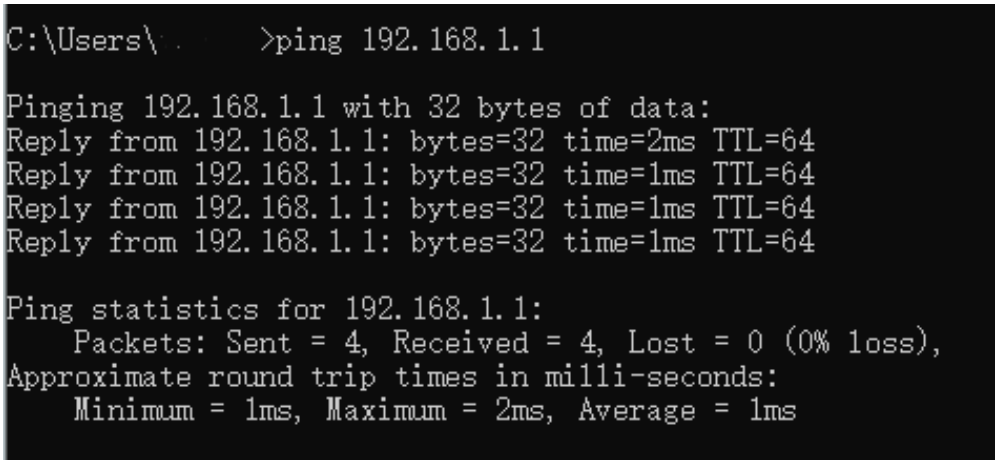
2. Configure the network parameters manually. Set the IP address to 192.168.1.xxx ("xxx"range from 2 to 254). The Subnet Mask is 255.255.255.0 and Gateway is 192.168.1.1(ONT's default IP address).

- ☐Obtain an IP address automatically

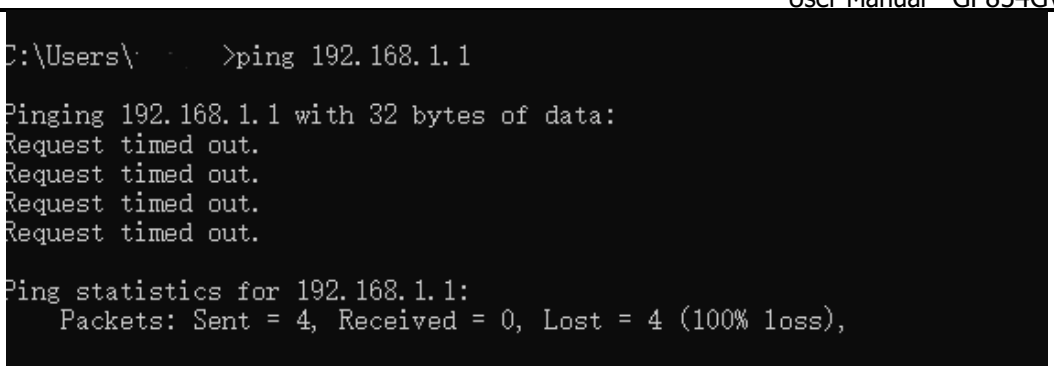
Set up the TCP/IP Protocol to Obtain an IP address automatically mode on your PC.

Now, you can run the Ping command in the command prompt to verify the

network connection between your PC and the ONT. Open a command prompt,and type in ping 192.168.1.1, then press Enter.



If the result displayed is similar to that shown in above figure, it means that the connection between your PC and the ONT has been successfully established.



If the result displayed is similar to that shown in the above figure, it means that your PC is not connected to the ONT successfully. Please check it following below steps:

- ☐ Is the connection between your PC and the ONT correct?

If correct, the LAN port on the ONT and LED on your PC's adapter should be lit.

- ☐Is the TCP/IP configuration for your PC correct?

Since the ONT's IP address is 192.168.1.1, your PC's IP address must be within the range of 192.168.1.2 ~ 192.168.1.254, the Gateway must be 192.168.1.1.

6 How to configure

Follow the instructions to configure the GP854GVR-V2.

Choose a desired mode to configure your internet access:

Router mode: Configure the internet on the ONT.

Bridge mode: Dial-up on a router or terminal.

6.1 Router Mode

6.1.1 Log in to the Web UI

You can log in to the web UI of the ONT with administrator permissions. (Default: admin / admin)

❶ Connect to the ONT.

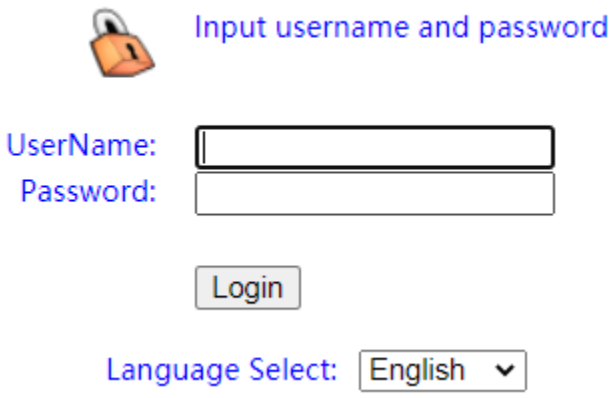
Wired device: Connect a LAN port of the ONT to a wired device, such as a computer, using an Ethernet cable.

Wireless device: Connect your wireless device, such as a smartphone, to the Wi-Fi network of the ONT using the SSID (Wi-Fi name) and Key (Wi-Fi password) on the bottom label.

❷ Start a web browser and visit 192.168.1.1.

❸ Enter the User Name and Password according to the actual permissions.

❹ Click Login

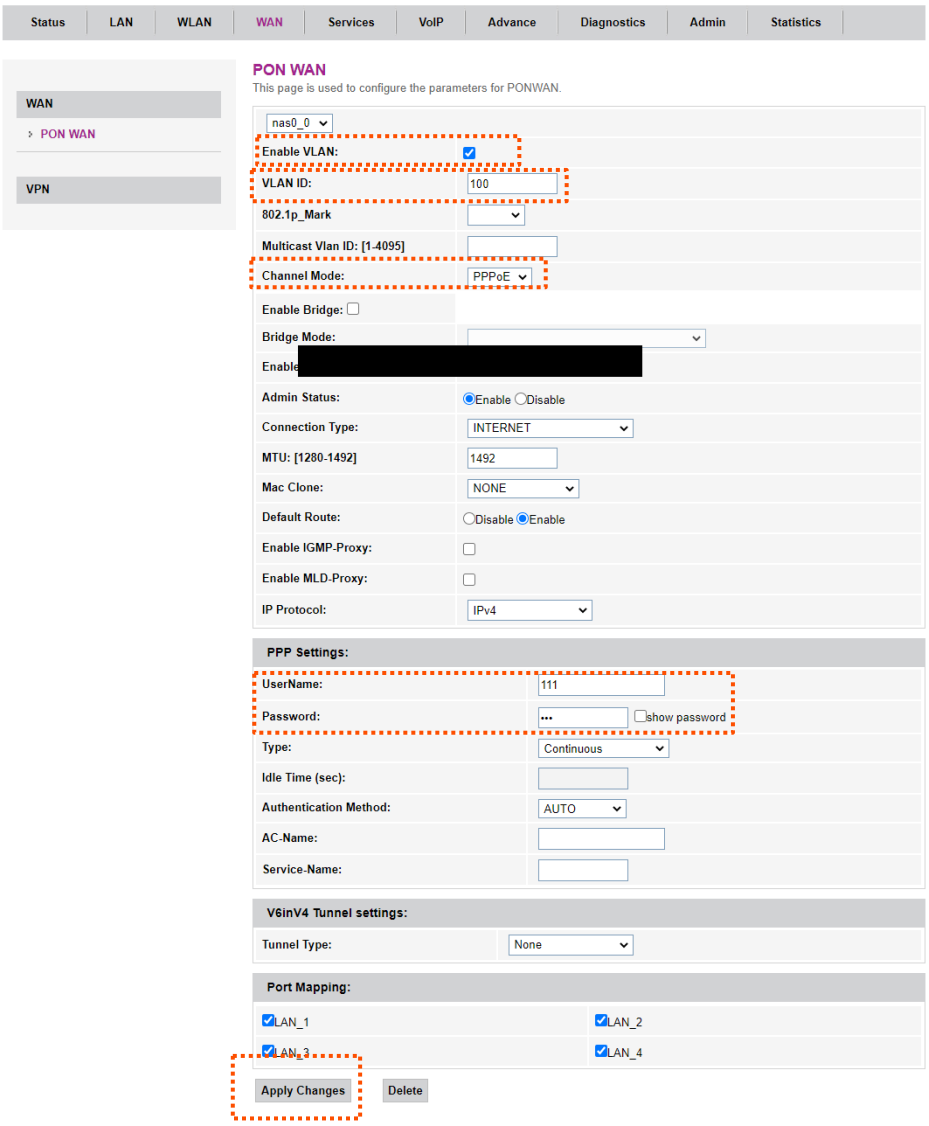


6.1.2 Set up a WAN connection

For initial registration of the ONT, you can configure the quick registration function according to the page prompts. In INTERNET Settings module, you can set the parameters to set up a WAN connection according to your ISP and your own need, and click Apply Changes. If not, refer to the following to set up a WAN connection..

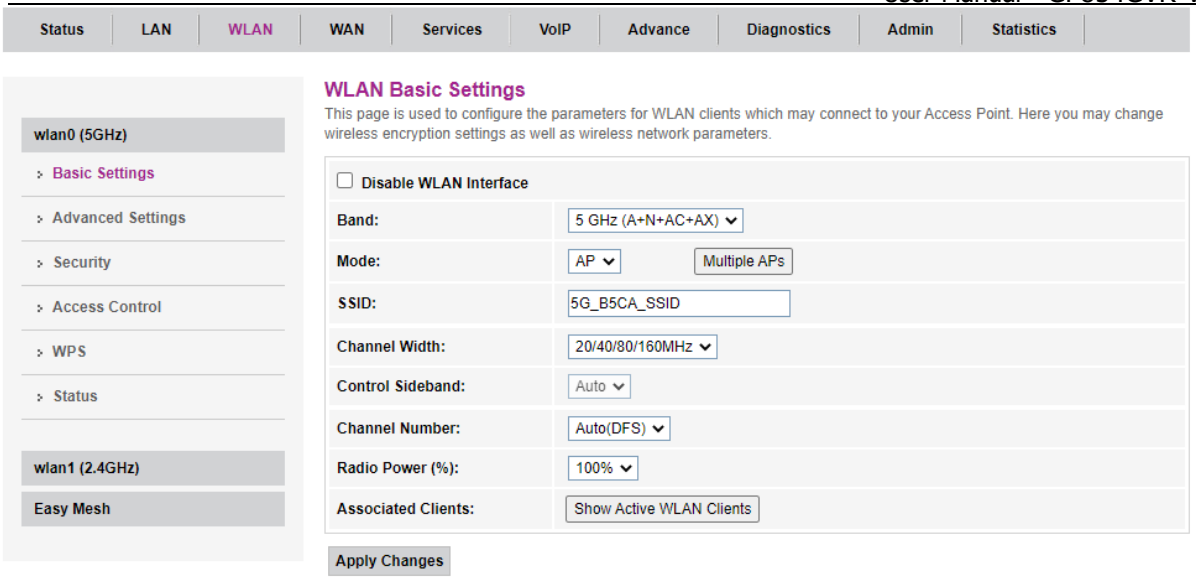
(If your carrier uses PPPoE to access the Internet, you need to enter the PPPoE account and password.If you forget your PPPoE username and password, you can obtain the PPPoE user name and password from your ISP and manually enter them.If your internet access is available without further configuration, choose DHCP,then click "Finished".)

❶ Choose **WAN** > **PON WAN.**
❷ Tick **Enable VLAN**.
❸ Enter the **VLAN ID** provided by your ISP.
❹ Set **Channel Mode** to **PPPoE**.
❺ Set Connection Type to **INTERNET**.
❻ Enter the PPPoE **User Name** and **Password** provided by your ISP.
❼ Set other parameters according to your ISP and your own need.
❽ Click **Apply Changes**.
❾ Click **OK** when Change setting successfully is shown on the page.

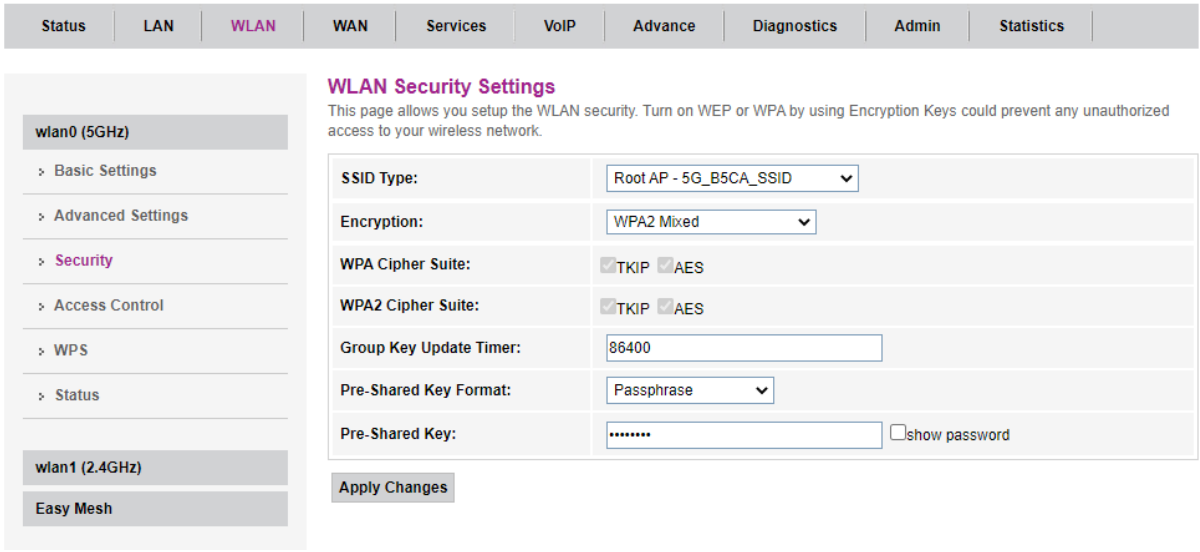


6.1.3 Set the Wi-Fi Configuration

❶ Choose **WLAN** > **WLAN0 (5GHz) or WLAN1(2.4GHz)**
❷ Choose **Basic Settings,** You can change the band/SSID/Channel Width, etc



❸ Choose **Security,** You can change the Encryption/Pre-Shared Key, etc



Done.

6.2 Bridge Mode

When the ONT is set to bridge mode, configure internet settings based on ISP requirements.

6.2.1 Access internet over PPPoE

❶ Connect a LAN port of the ONT to the WAN port of the router using an Ethernet cable.
❷ Connect your computer to a LAN port of the router using an Ethernet cable.
❸ Set up a PPPoE connection on the router as required.
After the settings, you can access the internet through the ONT

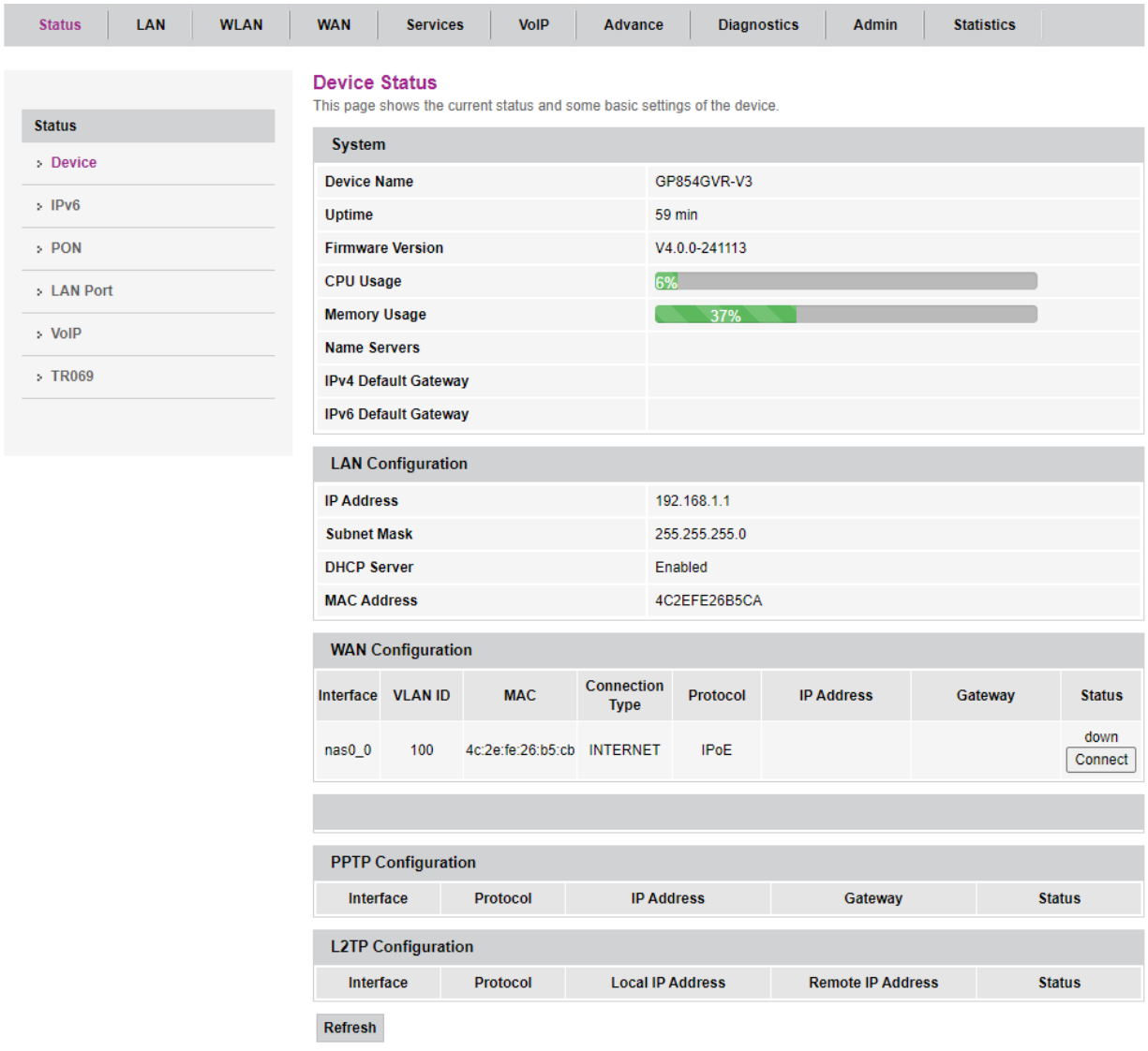
7 How to use

Follow the instructions to access and use the GP854GVR-V2.

7.1 Login

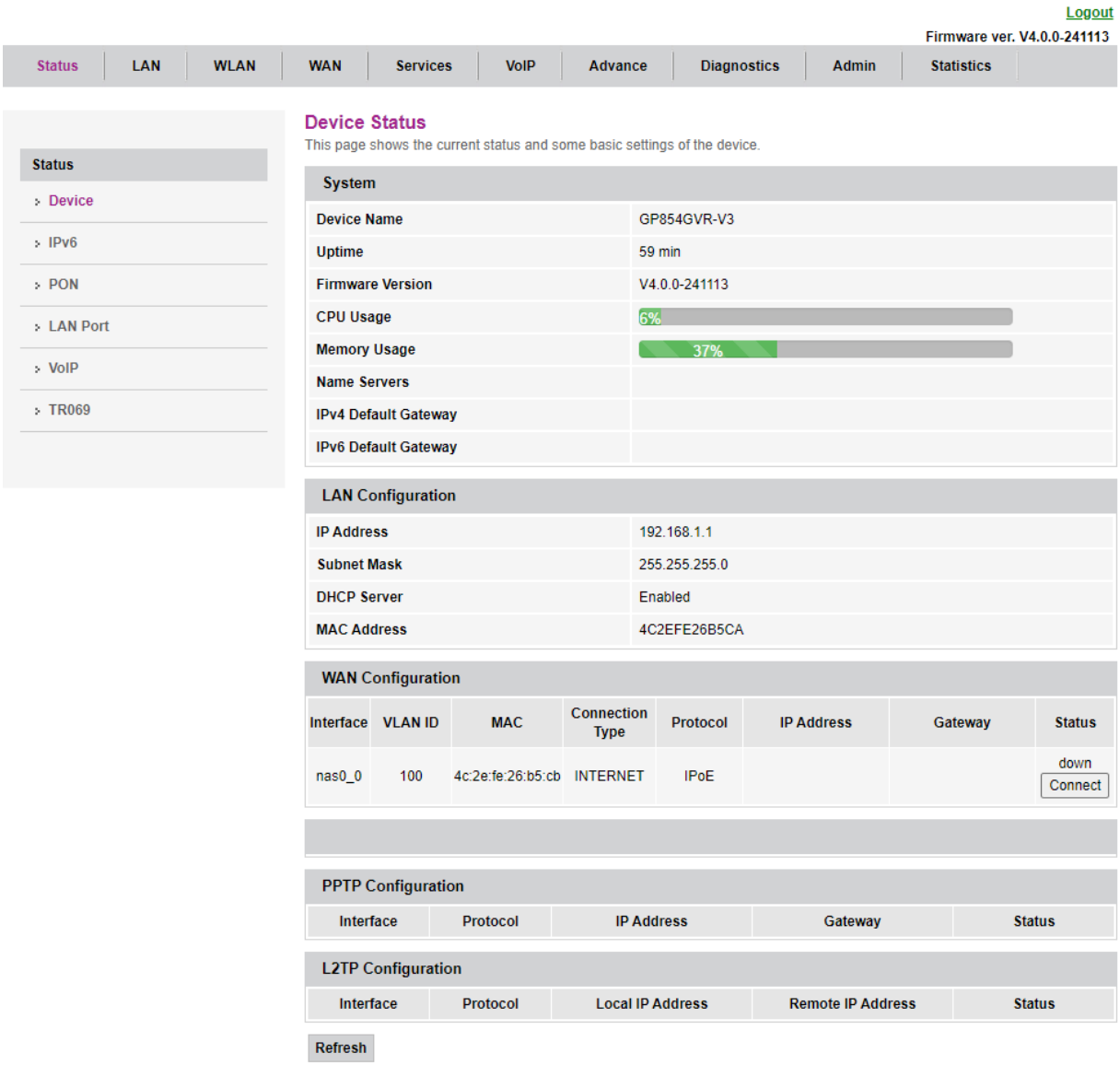
After accessing the GP854GVR-V2 address (192.168.1.1), you should see the following screen:

By default, the user and password are both "admin". When you login to the web UI of the Modem successfully. It will appears following figure:



7.2 Logout to the Web UI

Click Logout on the upper right corner of the web UI can log out



7.3 Status

This sub menu provides five options:

7.3.1 Devices

Go to **Status > Device** page to check the current status and some basic settings of the device.

Logout

Firmware ver. V4.0.0-241113

Status | LAN | WLAN | WAN | Services | VoIP | Advance | Diagnostics | Admin | Statistics

Status
- Device
- IPv6
- PON
- LAN Port
- VoIP
- TR069

Device Status

This page shows the current status and some basic settings of the device.

System

Device Name	GP854GVR-V3
Uptime	59 min
Firmware Version	V4.0.0-241113
CPU Usage	6%
Memory Usage	37%
Name Servers	
IPv4 Default Gateway	
IPv6 Default Gateway	

LAN Configuration

IP Address	192.168.1.1
Subnet Mask	255.255.255.0
DHCP Server	Enabled
MAC Address	4C2EFE26B5CA

WAN Configuration

Interface	VLAN ID	MAC	Connection Type	Protocol	IP Address	Gateway	Status
nas0_0	100	4c:2e:fe:26:b5:cb	INTERNET	IPoE			down Connect

PPTP Configuration

Interface	Protocol	IP Address	Gateway	Status

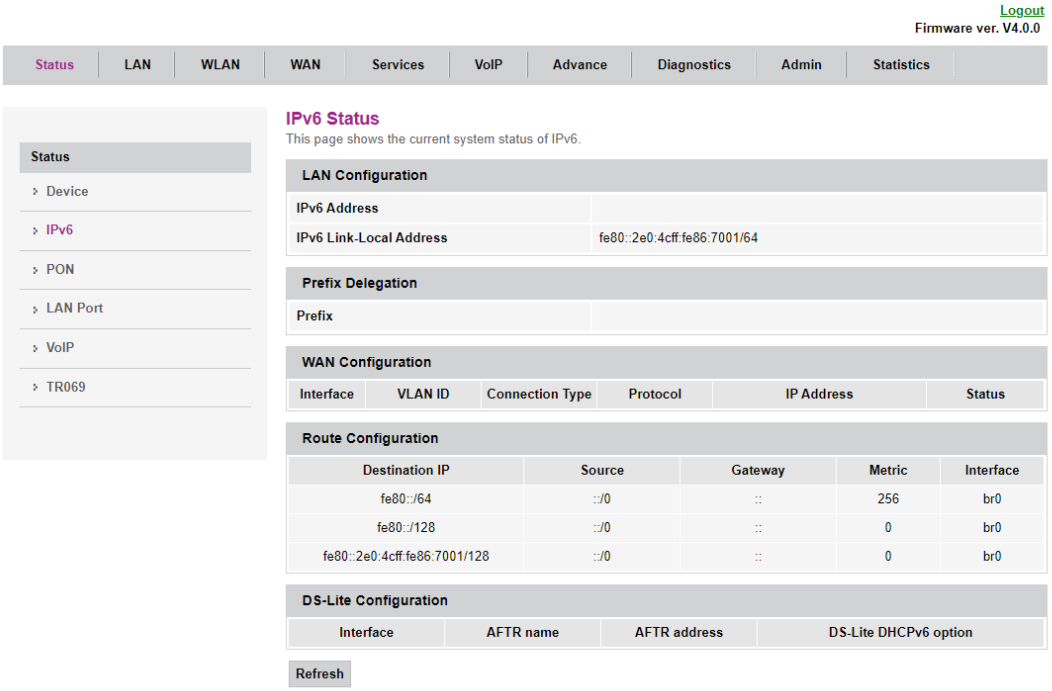
L2TP Configuration

Interface	Protocol	Local IP Address	Remote IP Address	Status

Refresh

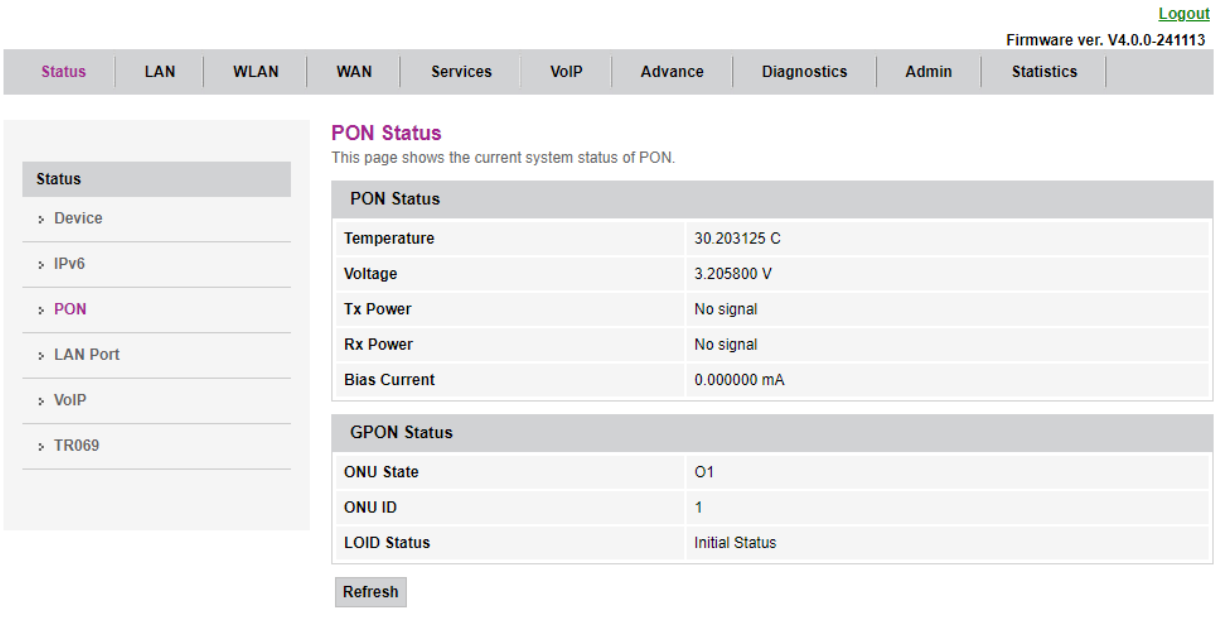
7.3.2 IPv6

Go to **Status > IPv6** page to check the current system status of IPv6.



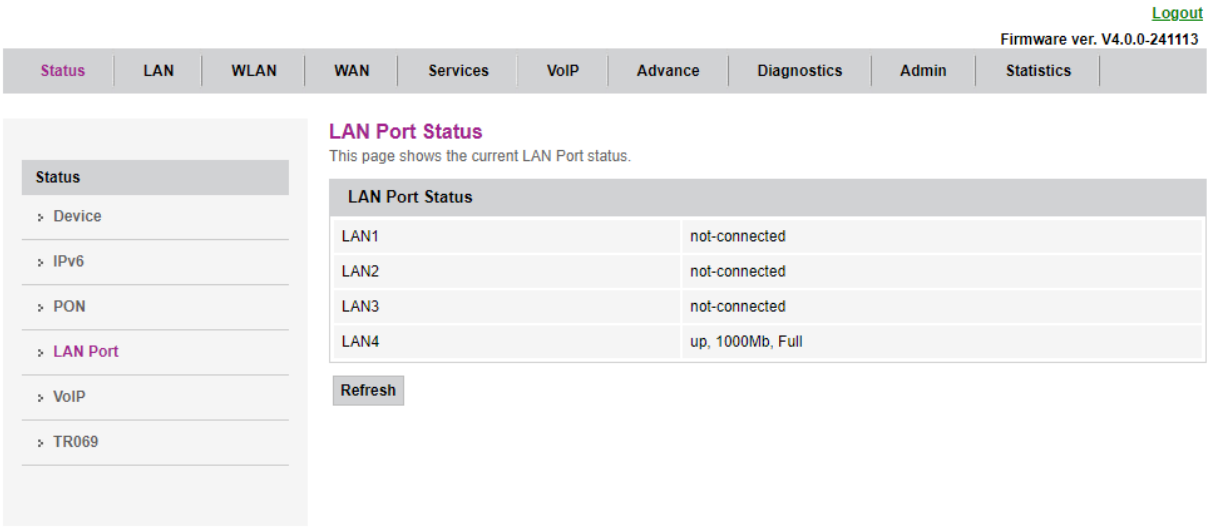
7.3.3 PON

Go to **Status > PON** page to check the current system status of PON.



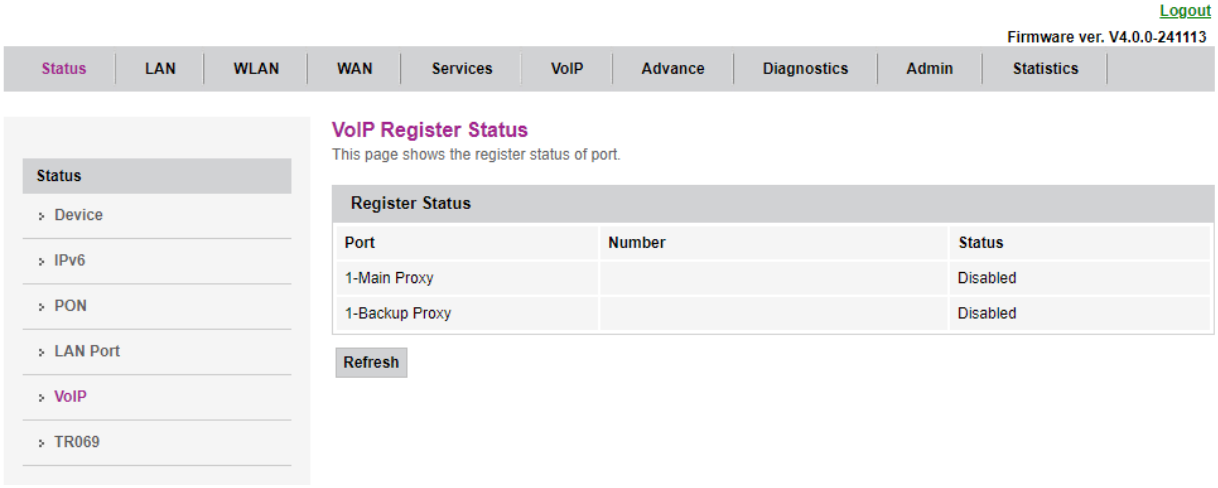
7.3.4 LAN port

Go to **Status > LAN** Port page to check the current LAN Port status



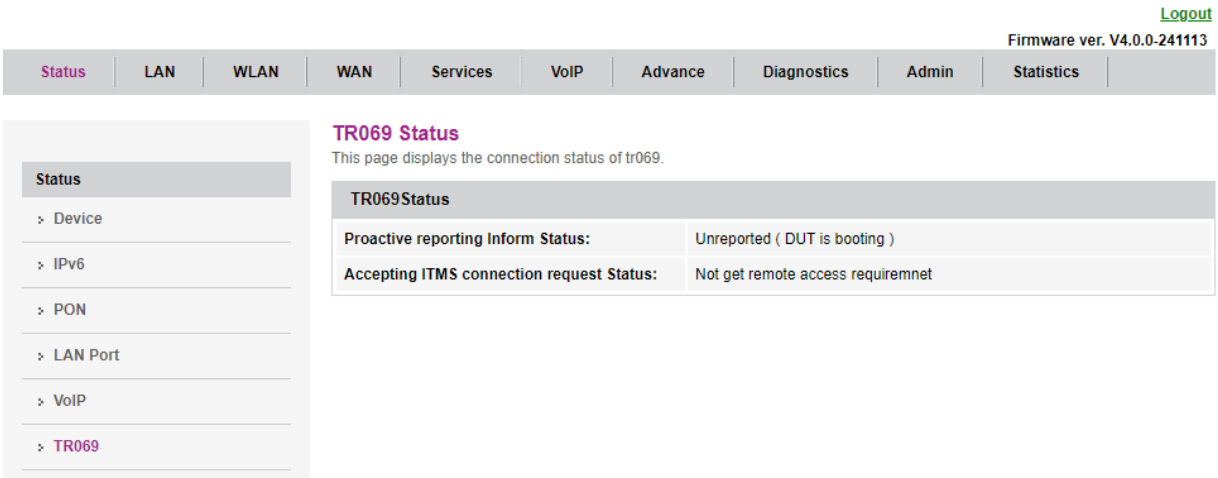
7.3.5 VoIP

Go to **Status > VoIP** page to check the the register status of port.



7.3.6 TR069

Go to **Status > VoIP** page to check the the register status of port.

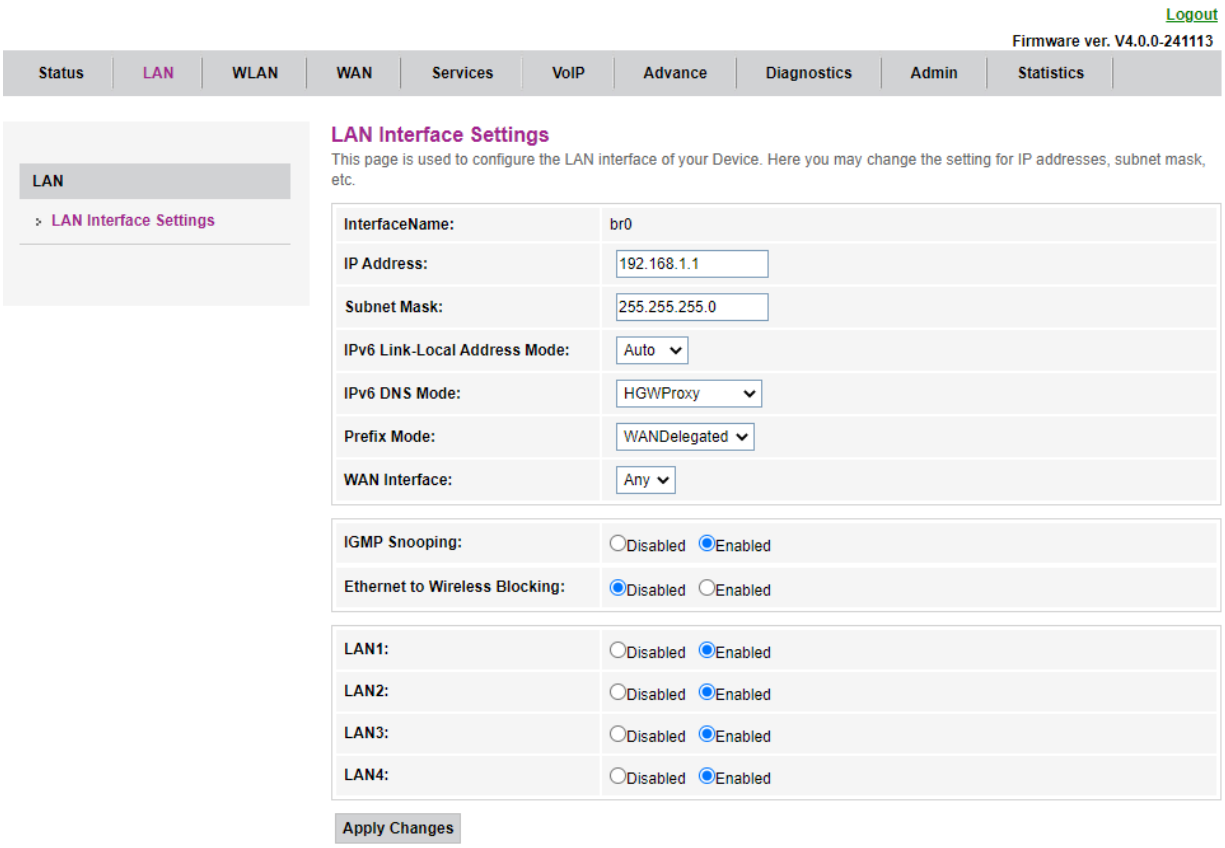


7.4 LAN

This sub menu provides one options:

7.4.1 LAN interface settings

Go to **LAN > LAN interface settings** page to configure the LAN interface of your device.



7.5 Wlan setting(5G&2.4G)

This sub menu provides six options:

7.5.1 Basic settings

Go to WLAN > wlan0 (5GHz/2.4GHz) > Basic Settings page. You can change the SSID of 5G/2.4G WiFi network if necessary.

Logout

Firmware ver. V4.0.0-241113

Status | LAN | WLAN | WAN | Services | VoIP | Advance | Diagnostics | Admin | Statistics

wlan0 (5GHz)
- Basic Settings
- Advanced Settings
- Security
- Access Control
- WPS
- Status

wlan1 (2.4GHz)

Easy Mesh

WLAN Basic Settings

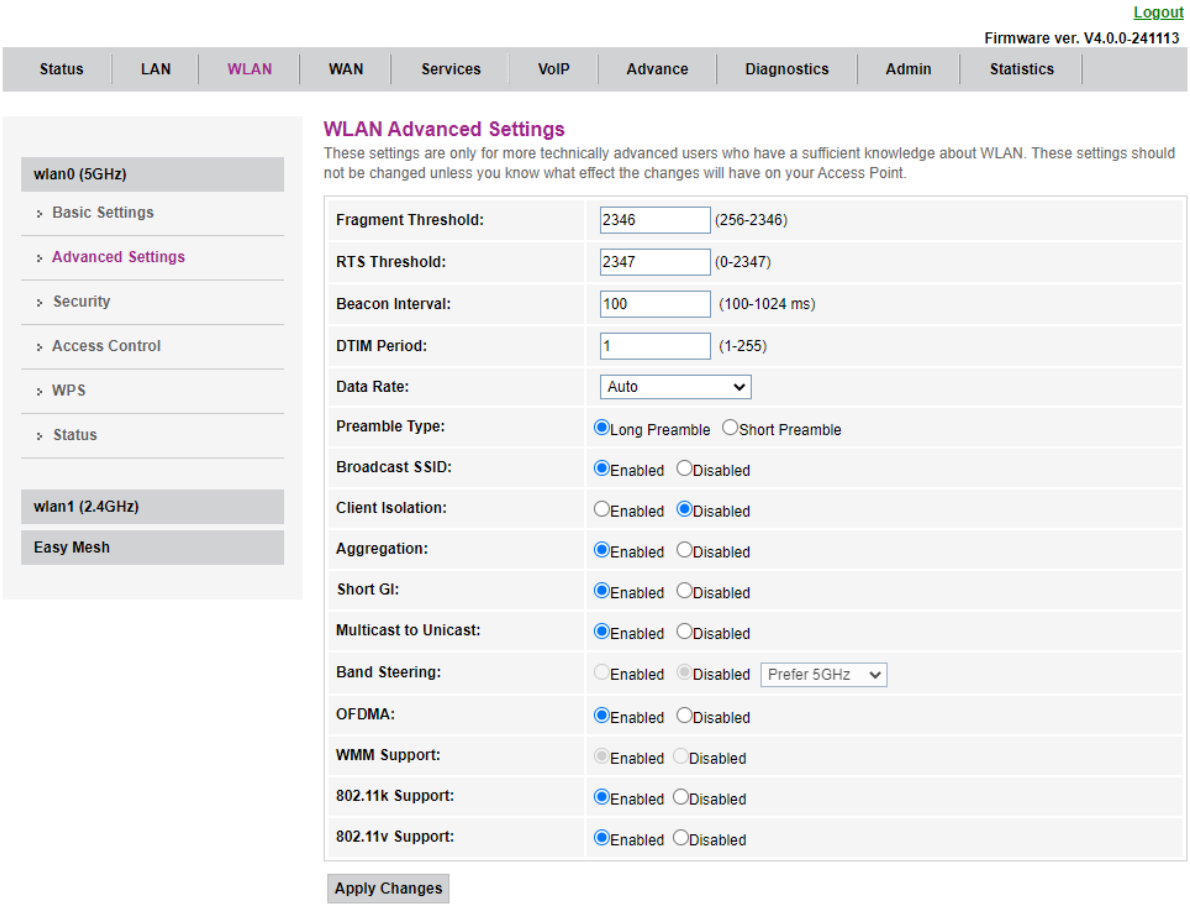
This page is used to configure the parameters for WLAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

Disable WLAN Interface	
Band:	5 GHz (A+N+AC+AX)
Mode:	AP — Multiple APs
SSID:	5G_B5CA_SSID
Channel Width:	20/40/80/160MHz
Control Sideband:	Auto
Channel Number:	Auto(DFS)
Radio Power (%):	100%
Associated Clients:	Show Active WLAN Clients

Apply Changes

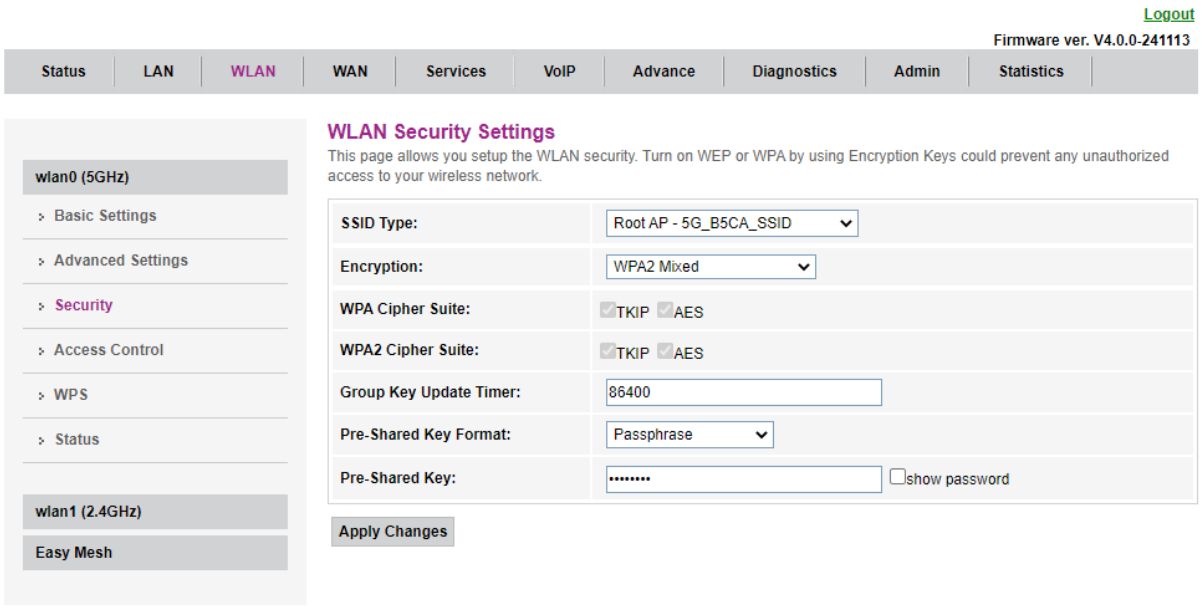
7.5.2 Advanced Settings

WLAN Advanced Settings These settings are only for more technically advanced users who have a sufficient knowledge about WLAN. These settings should not be changed unless you know what effect the changes will have on your Access Point.



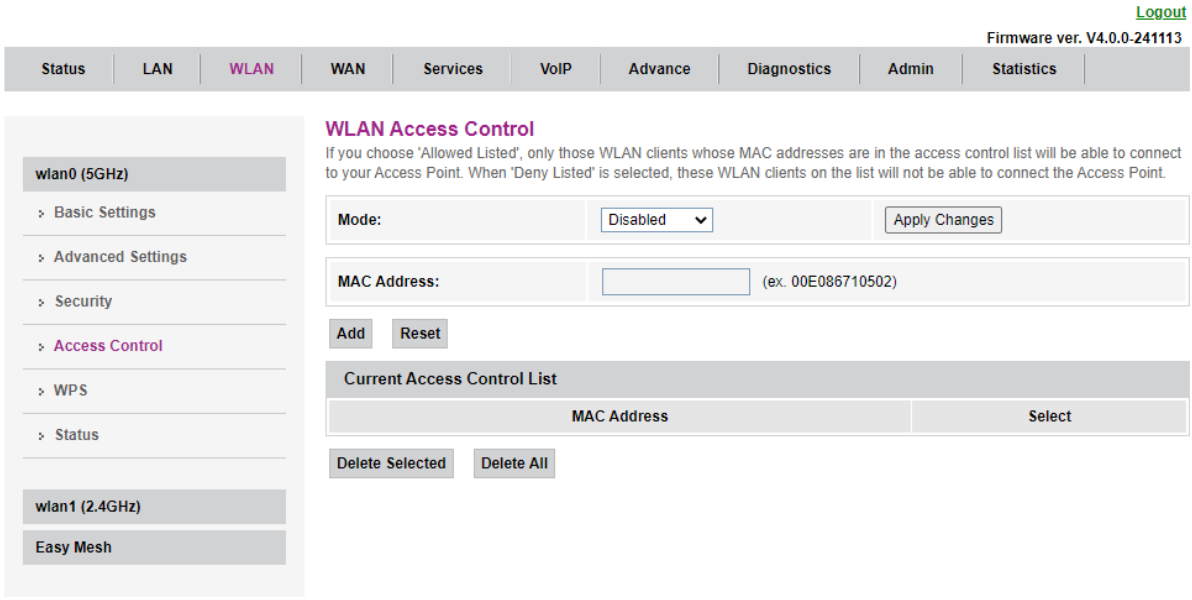
7.5.3 Security

This page allows you to setup the WLAN security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.



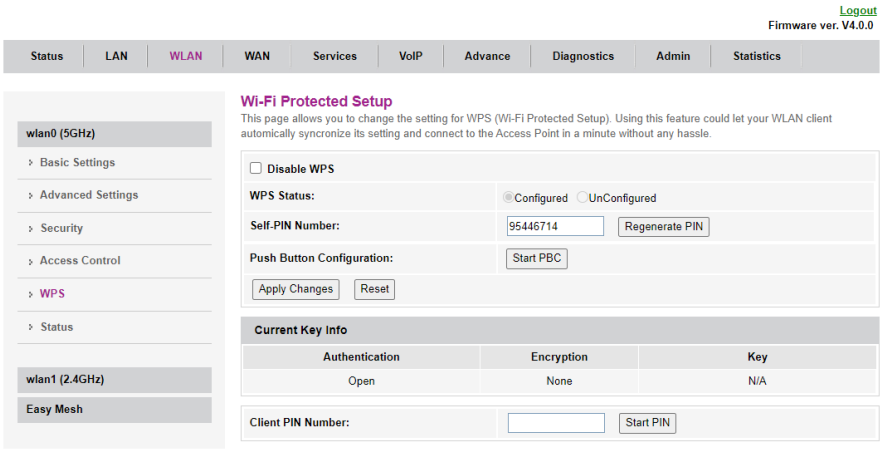
7.5.4 Access Control

This page allows you setup the wireless schedule rule. Do not forget to configure the system time before enabling this feature. If you choose Allowed List only the control list will be able to connect to your Access Point.



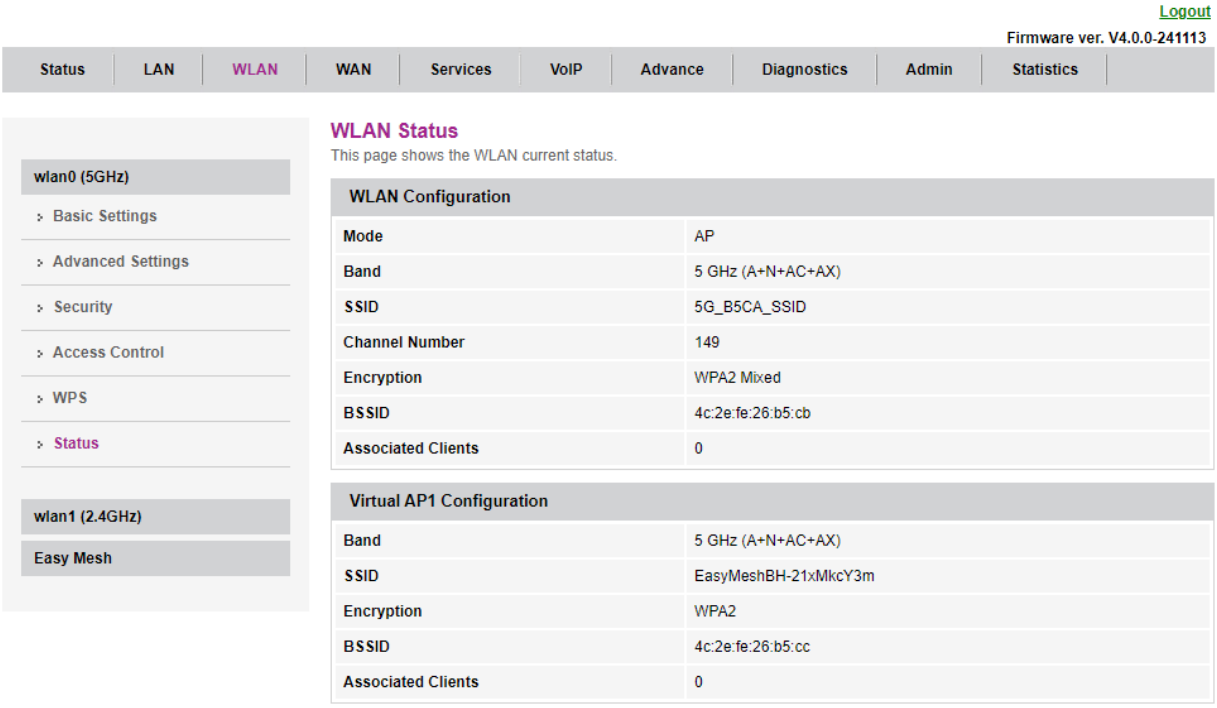
7.5.5 WPS

This page allows you to change the setting for WPS (Wi-Fi Protected Setup). Using this feature could let your WLAN client automically syncronize its setting and connect to the Access Point in a minute without any hassle.



7.5.6 Status

This page shows the WLAN current status.

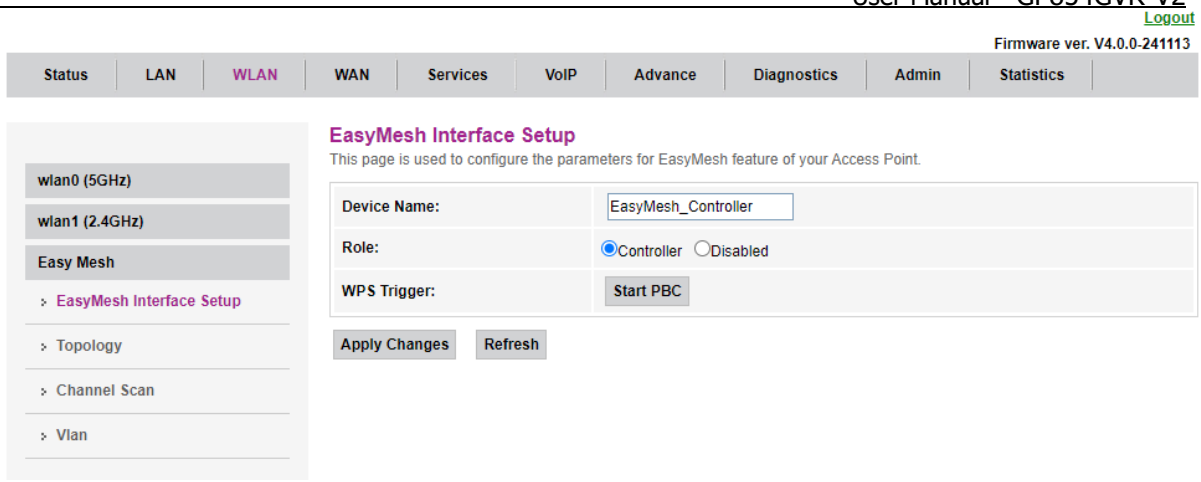


Easy mesh Setting

This sub menu provides one options:

7.5.7 Easymesh Interface setup

This page is used to configure the parameters for Easymesh feature of your Access point.

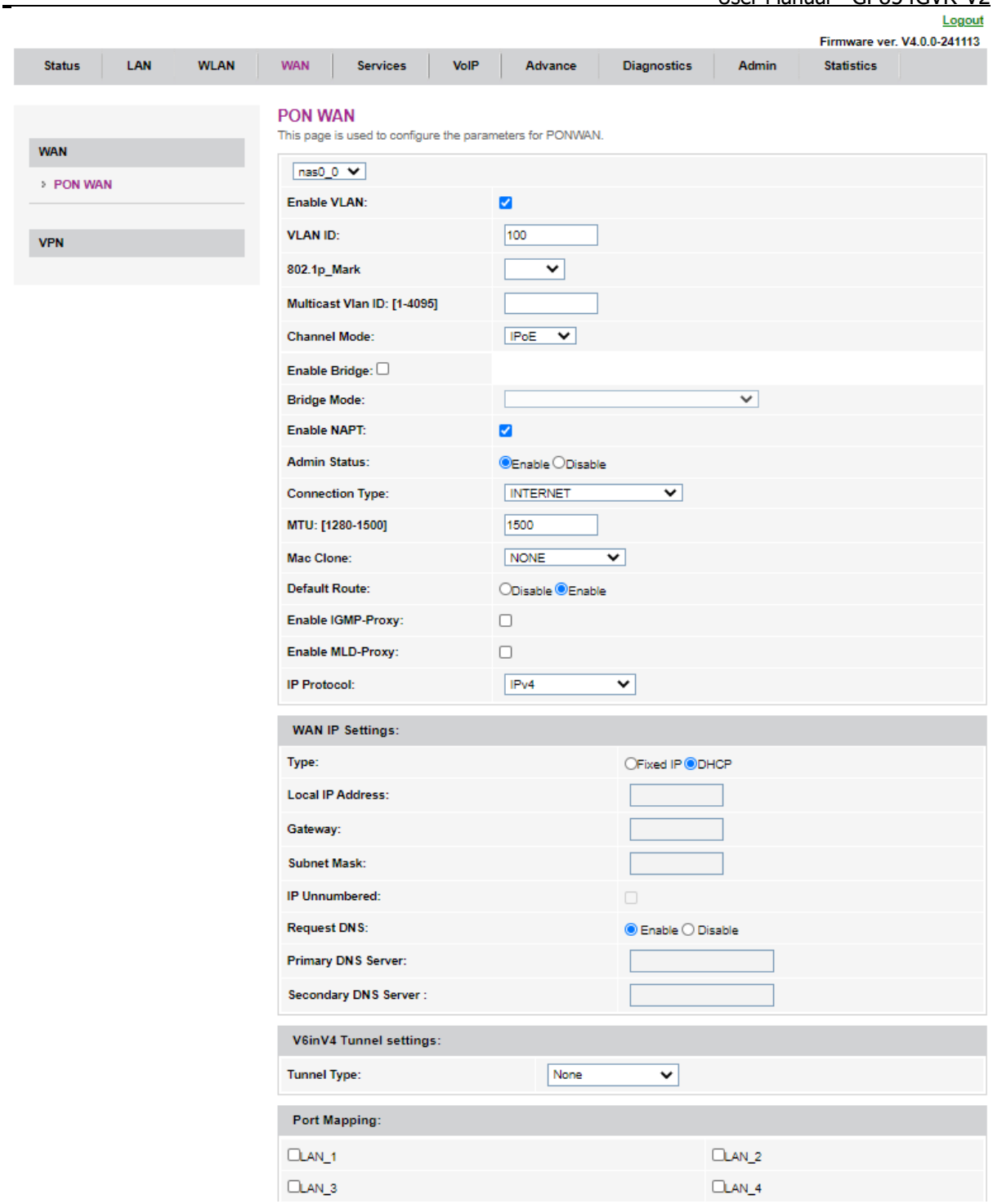


7.6 WAN setting

This sub menu provides one options:

7.6.1 PON WAN

This page is used to configure the parameters for PON WAN

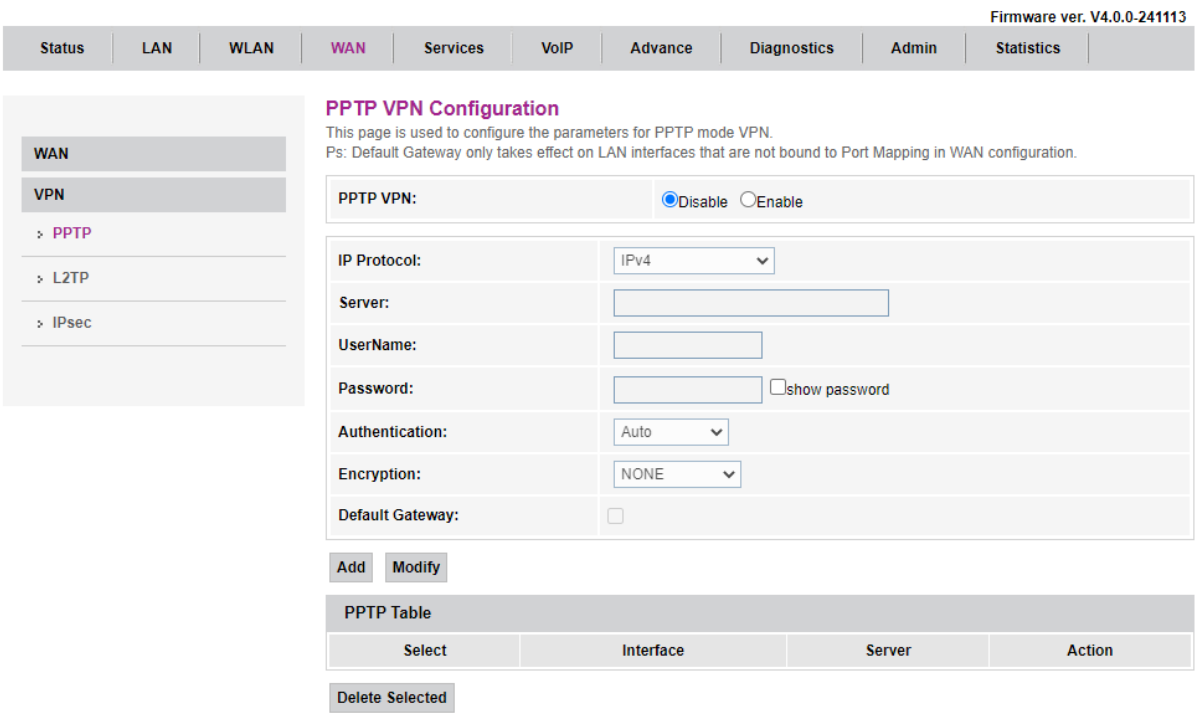


7.7 VPN setting

This sub menu provides two options:

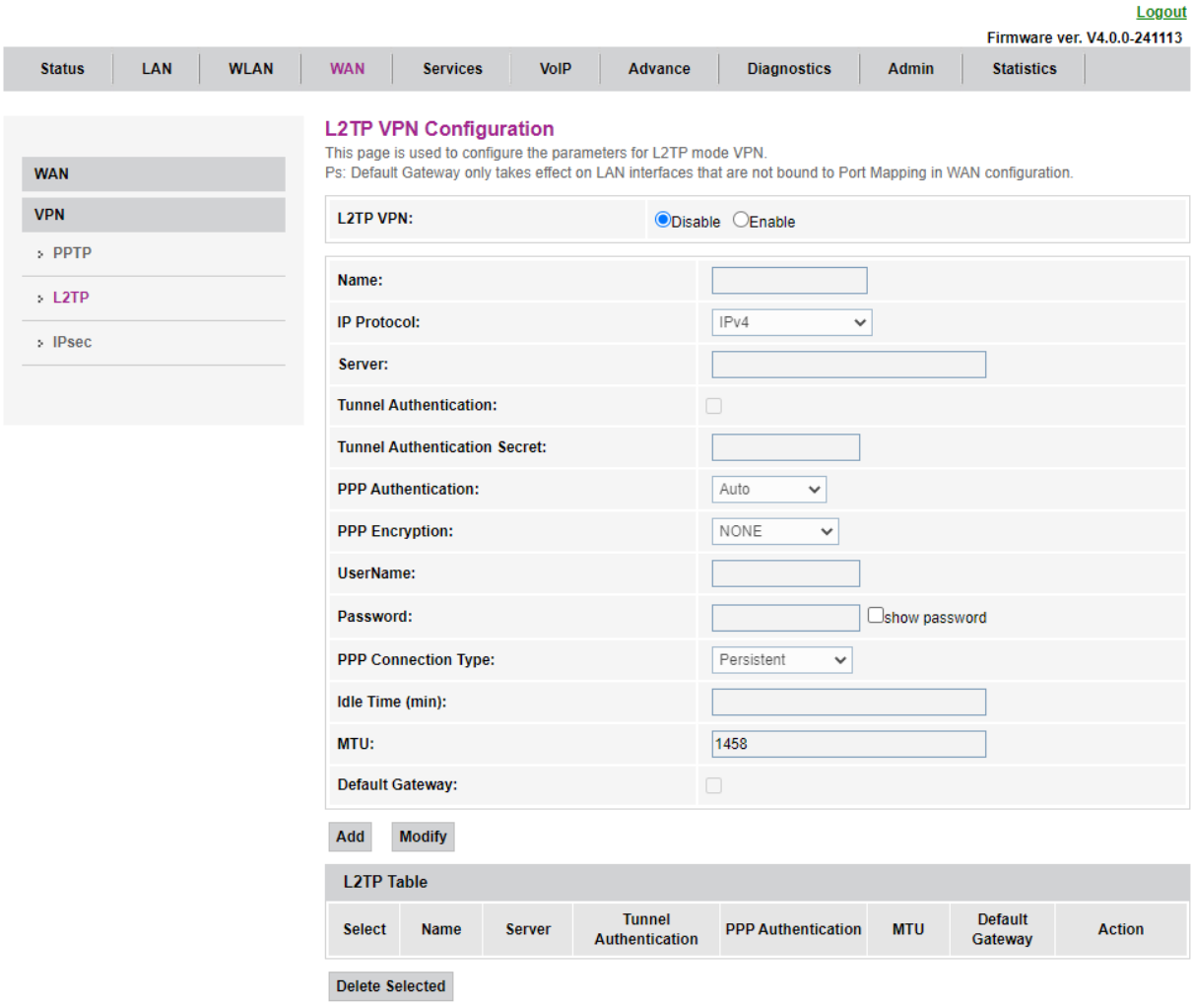
7.7.1 PPTP

This page is used to configure the parameters for PPTP mode VPN



7.7.2 L2TP

This page is used to configure the parameters for L2TP mode VPN

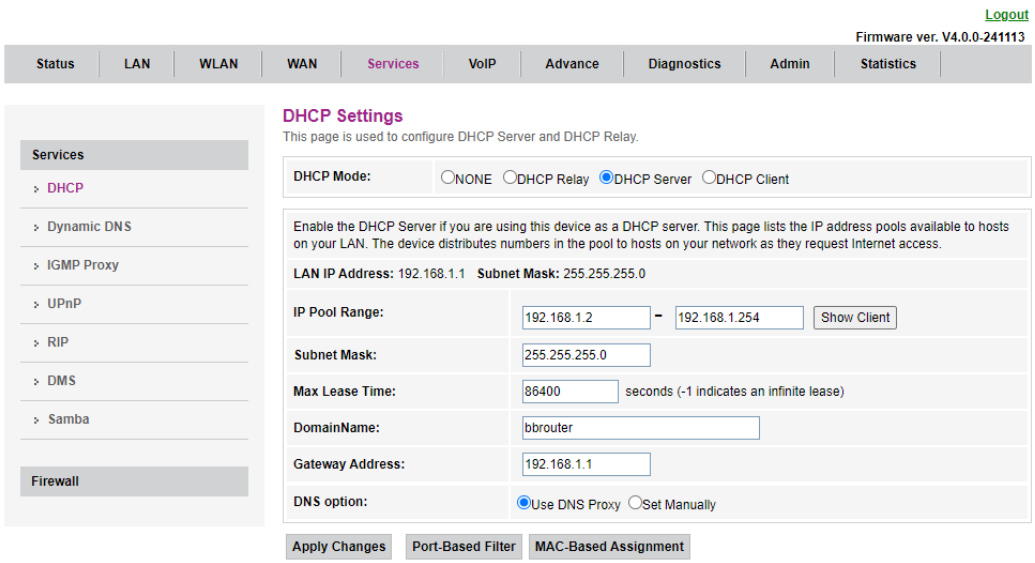


7.8 Service setting

This sub menu provides five options:

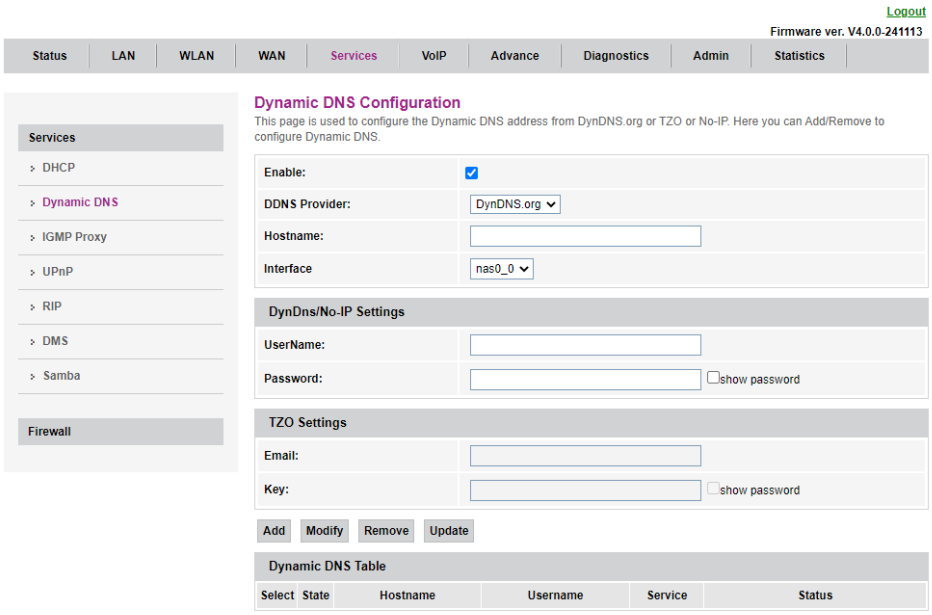
7.8.1 DHCP

This page is used to configure DHCP server and DHCP Relay



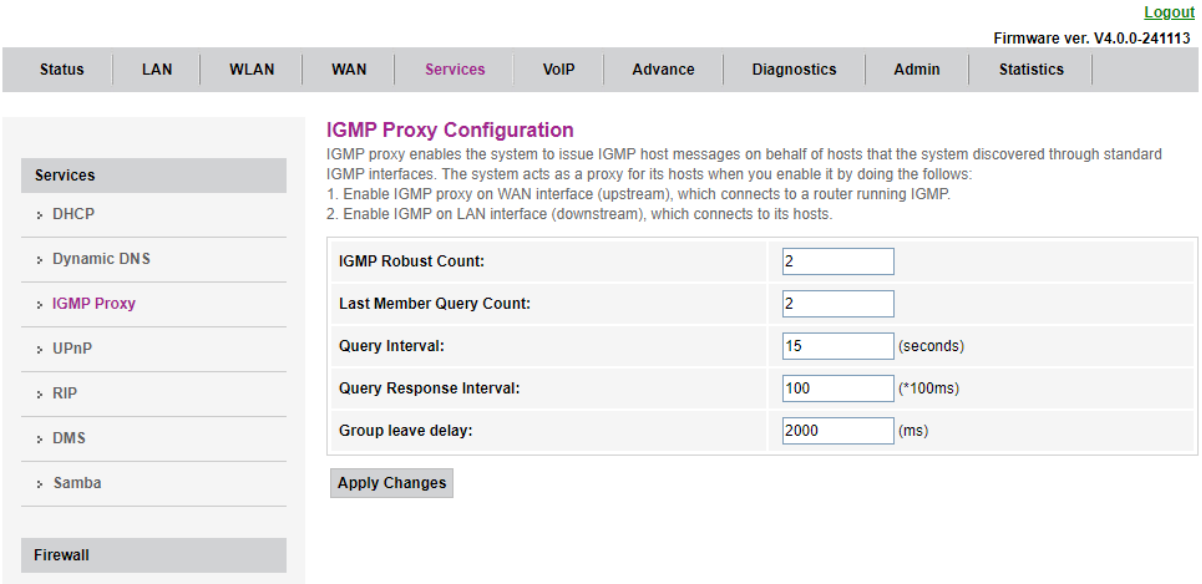
7.8.2 Dynamic DNS

This page is used to configure Dynamic DNS address from DynDMS. org or TZO or NO-IP



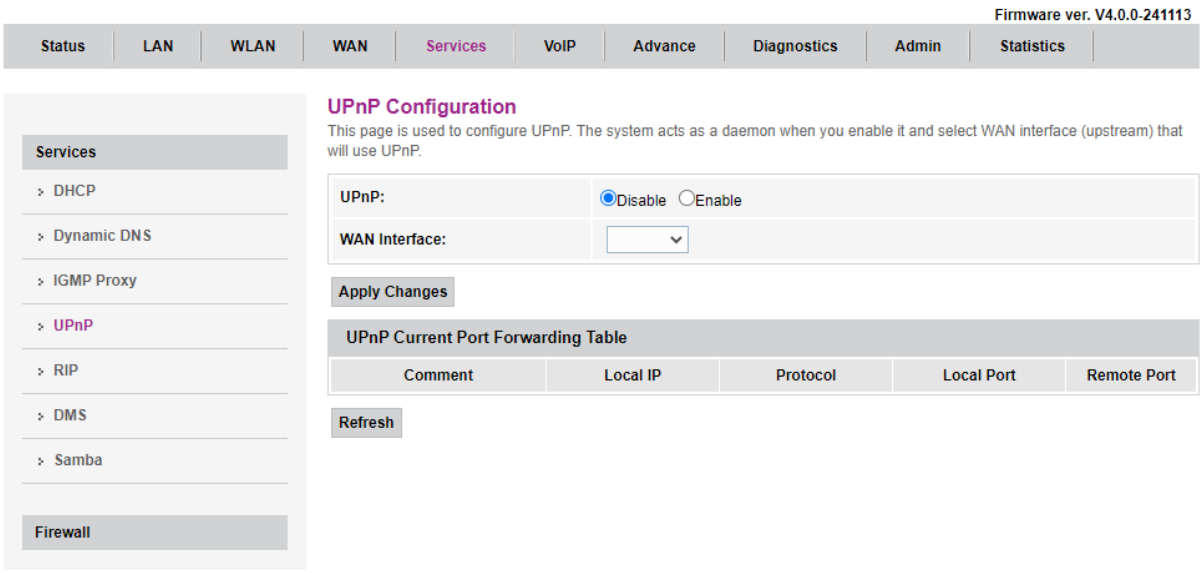
7.8.3 IGMP Proxy

This page is used to configure IGMP Proxy.



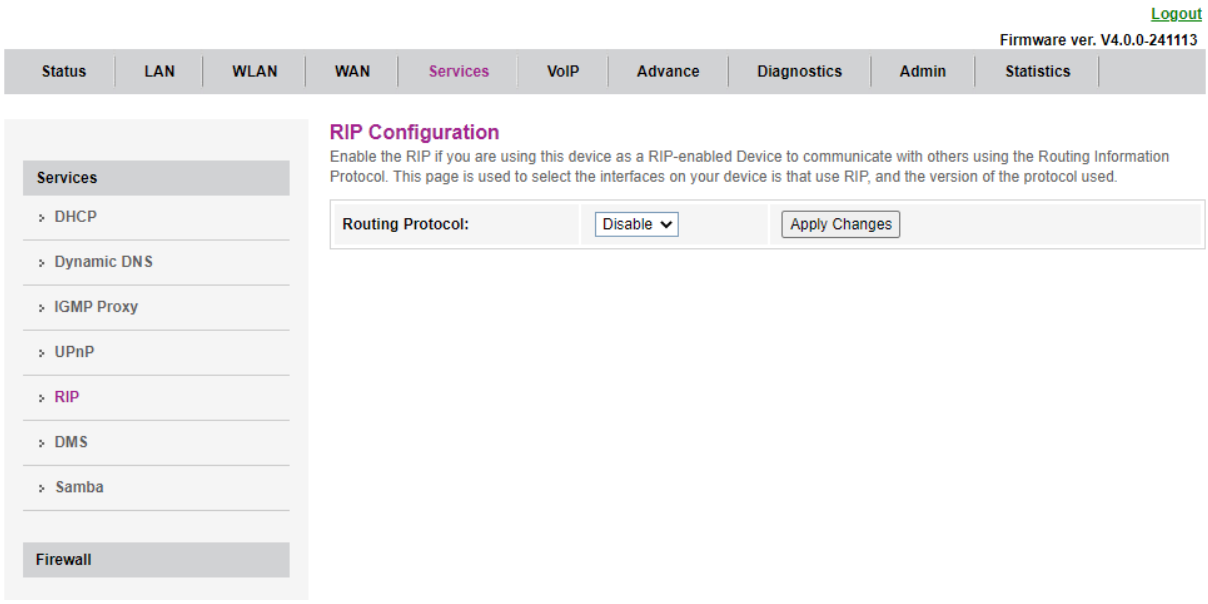
7.8.4 UPnP

This page is used to configure UPnP.



7.8.5 RIP

This page is used to select the interfaces on your device is that use RiP, and the version of the protocol used.

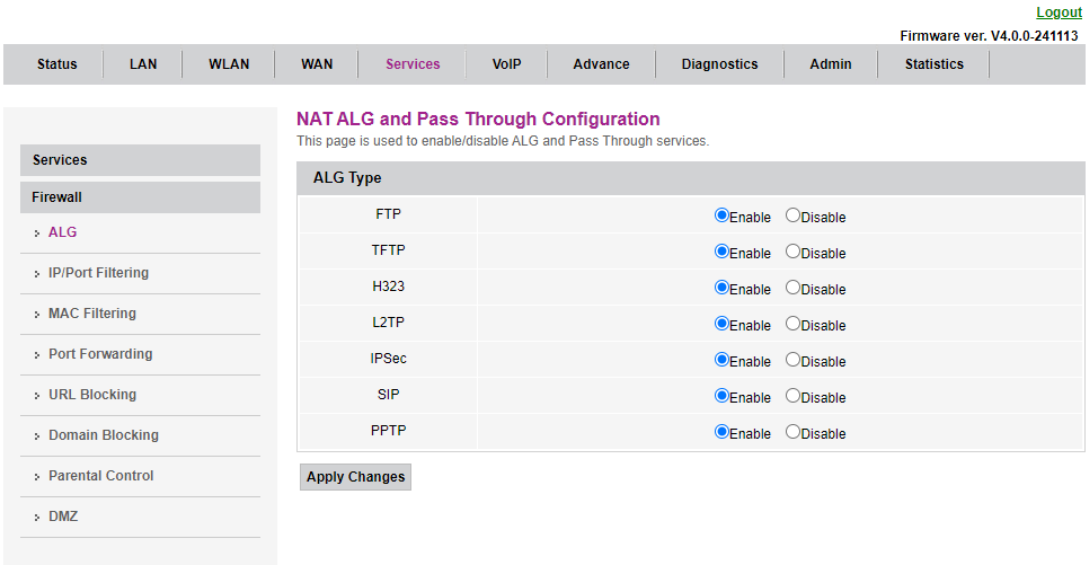


7.9 Firewall

This sub menu provides eight options:

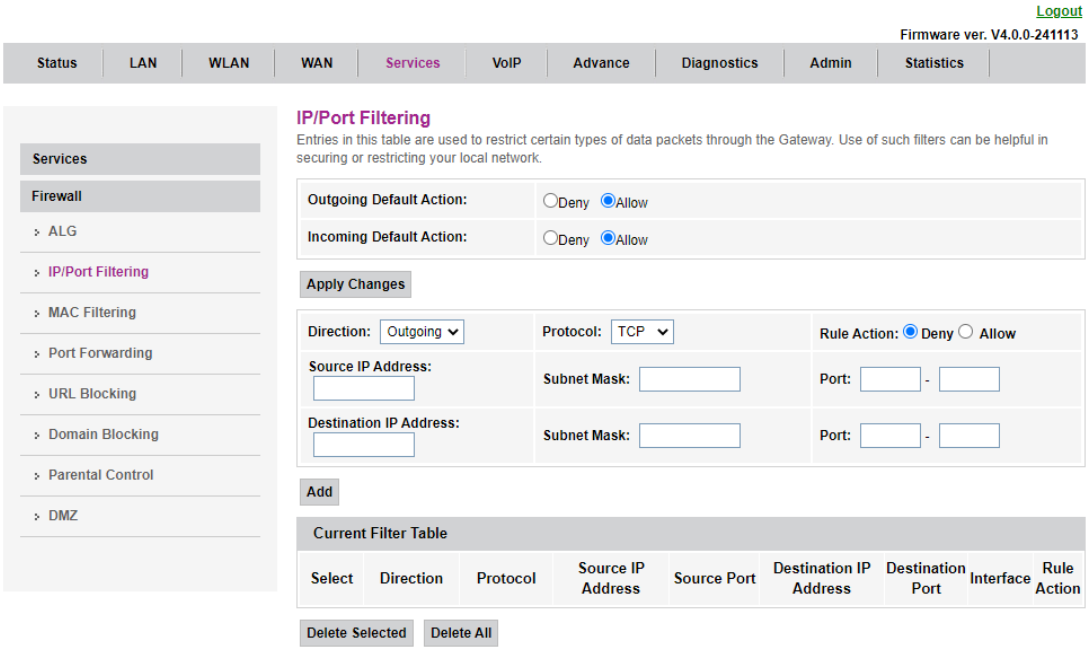
7.9.1 ALG

This page is used to enable/disable ALG and Pass through services.



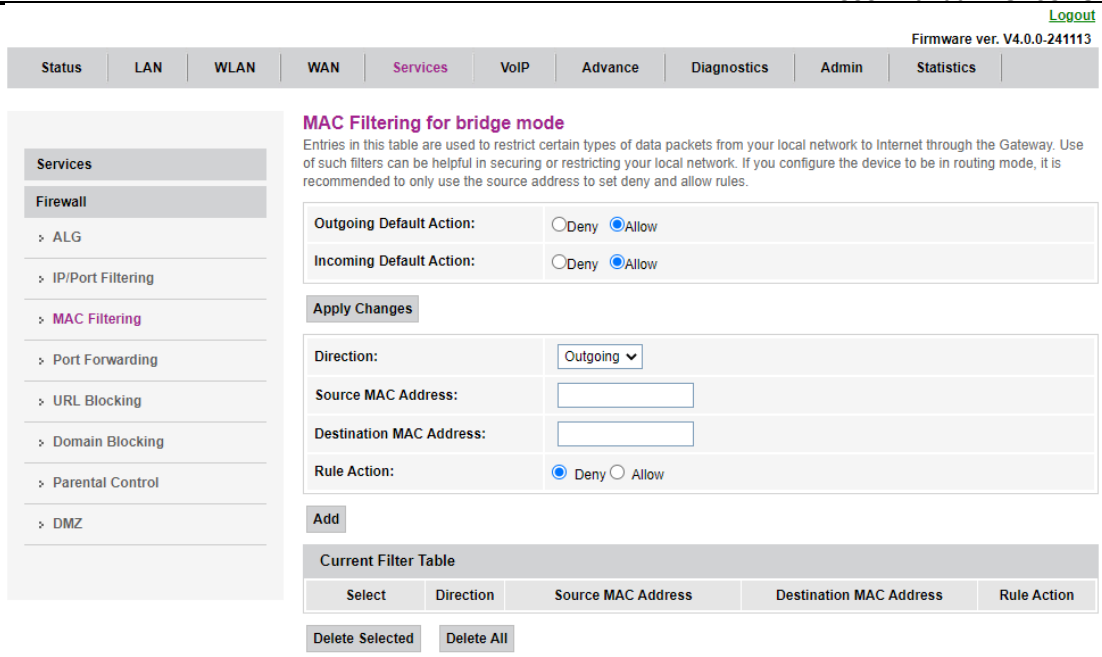
7.9.2 IP/Port filtering

Entries in this table are used to restrict certain types of data packets through the gateway.



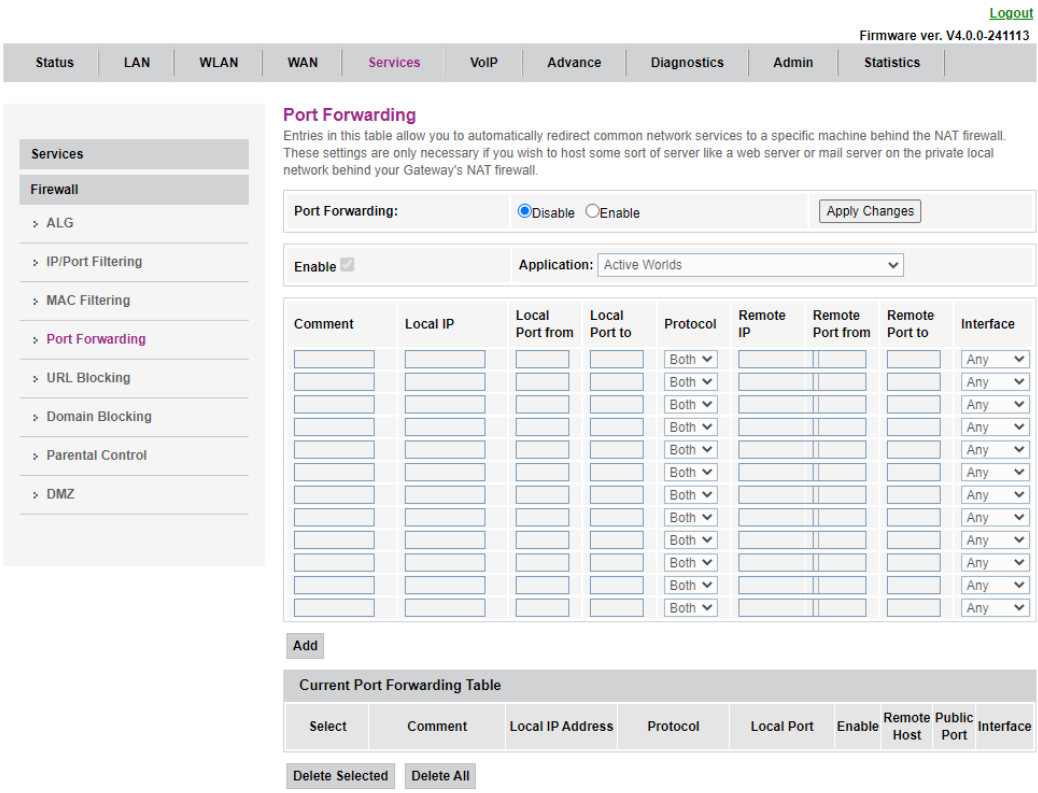
7.9.3 MAC filtering

Entries in this table are used to restrict certain types of data packets from your local network to internet through the gateway.



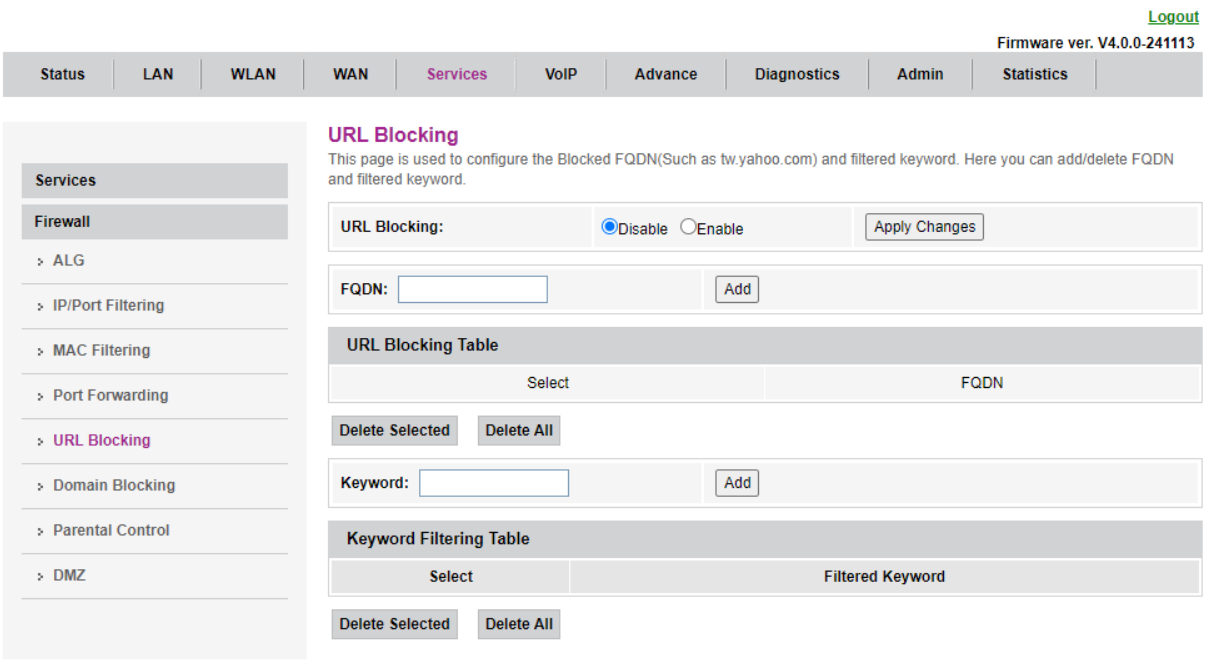
7.9.4 Port forwarding

Entries in this table allows you to automatically redirect common network service to a specific behind the NAT firewall.



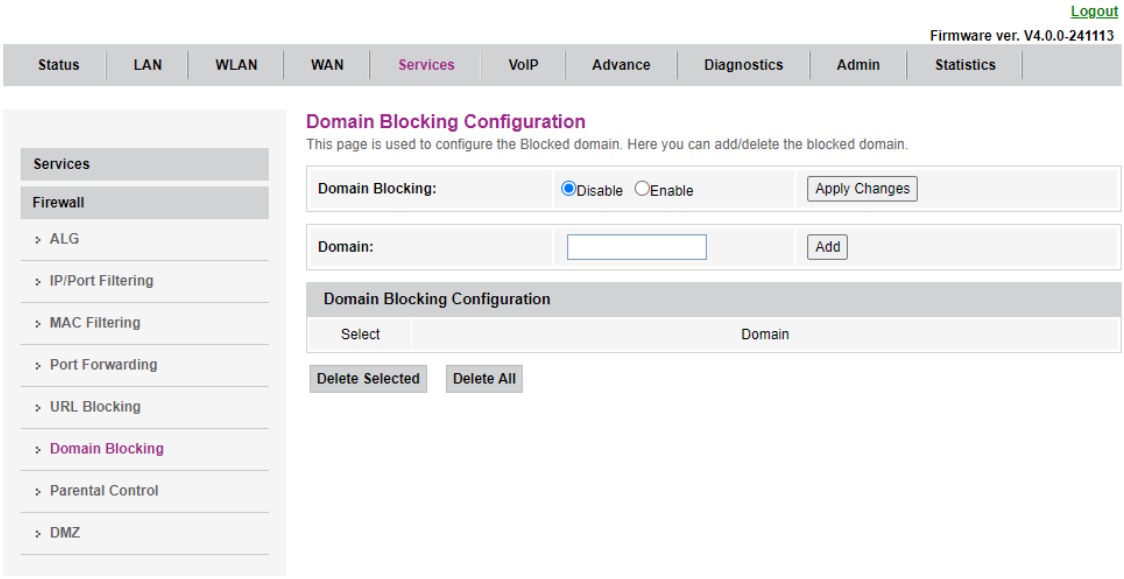
7.9.5 URL Blocking

Entries This page is used to configure the Blocked FQDN and filtered keyword.



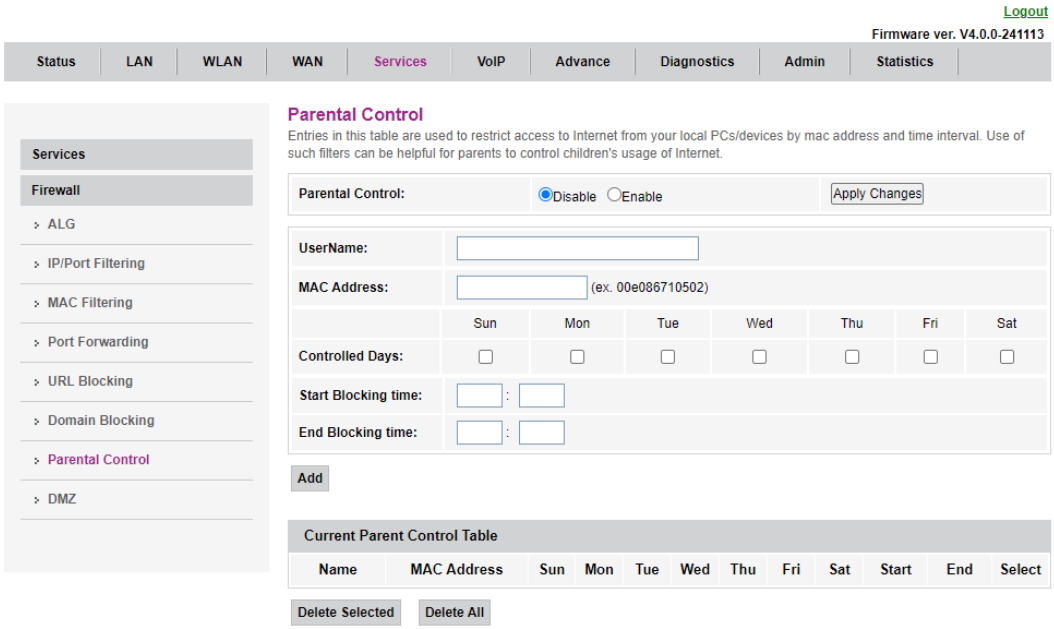
7.9.6 Domain Blocking

Entries This page is used to configure the Blocked domain.



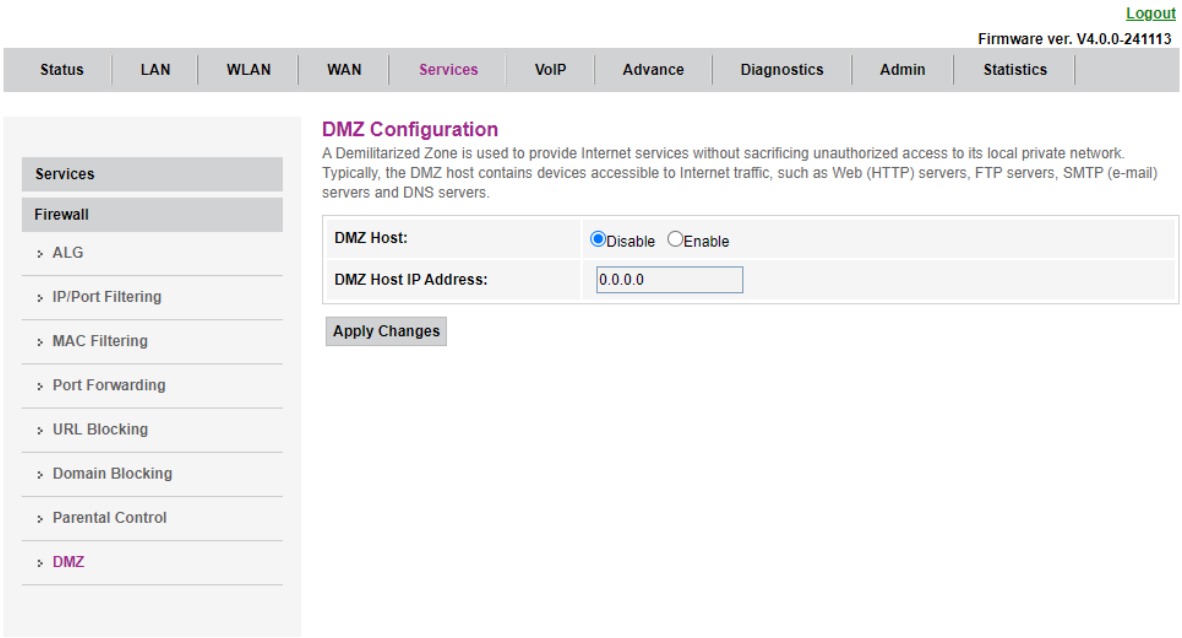
7.9.7 Parent control

Entries in this table are used to restrict access to Internet from your local PCs/devices by mac address and time interval.



7.9.8 DMZ

This page is used to configure DMZ.

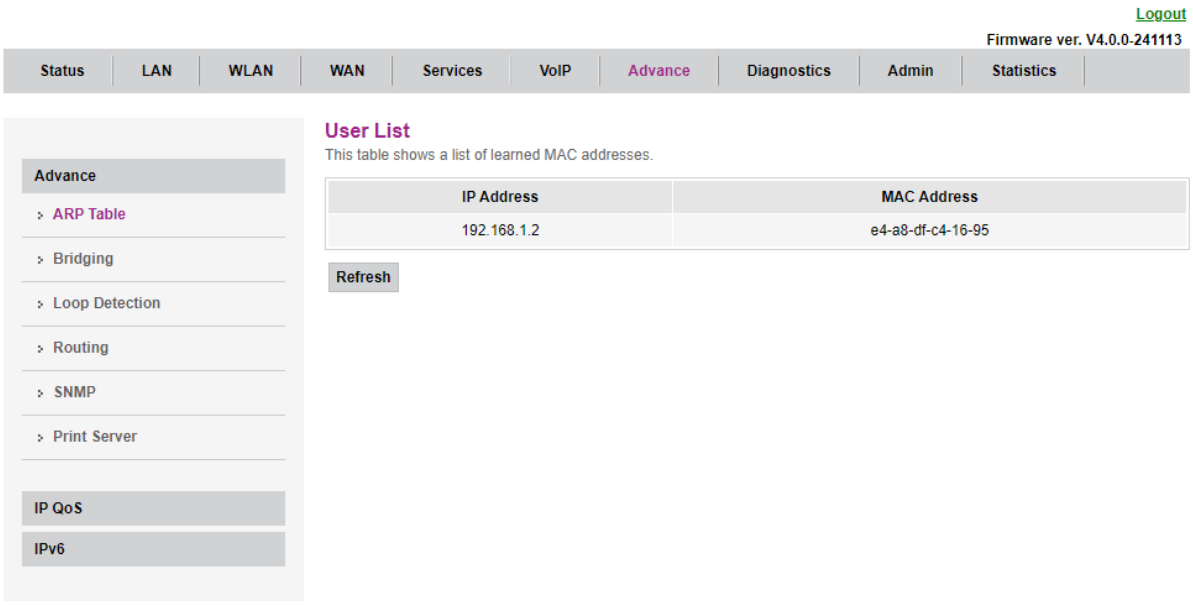


7.10 Advance

This sub menu provides five options:

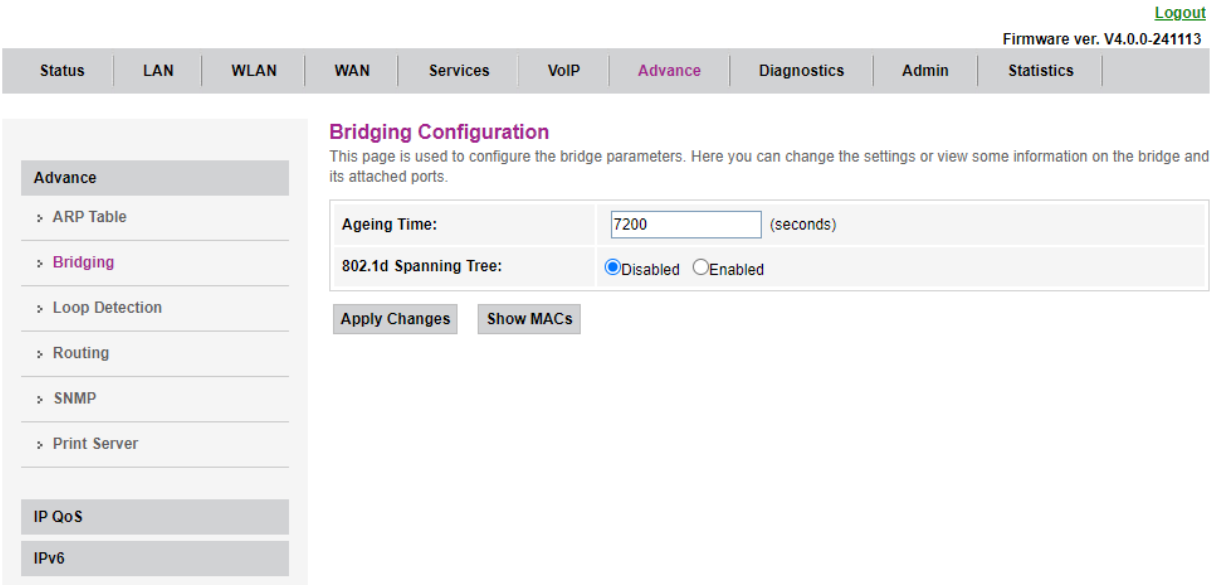
7.10.1 ARP table

This table shows a list of learned MAC addresses.



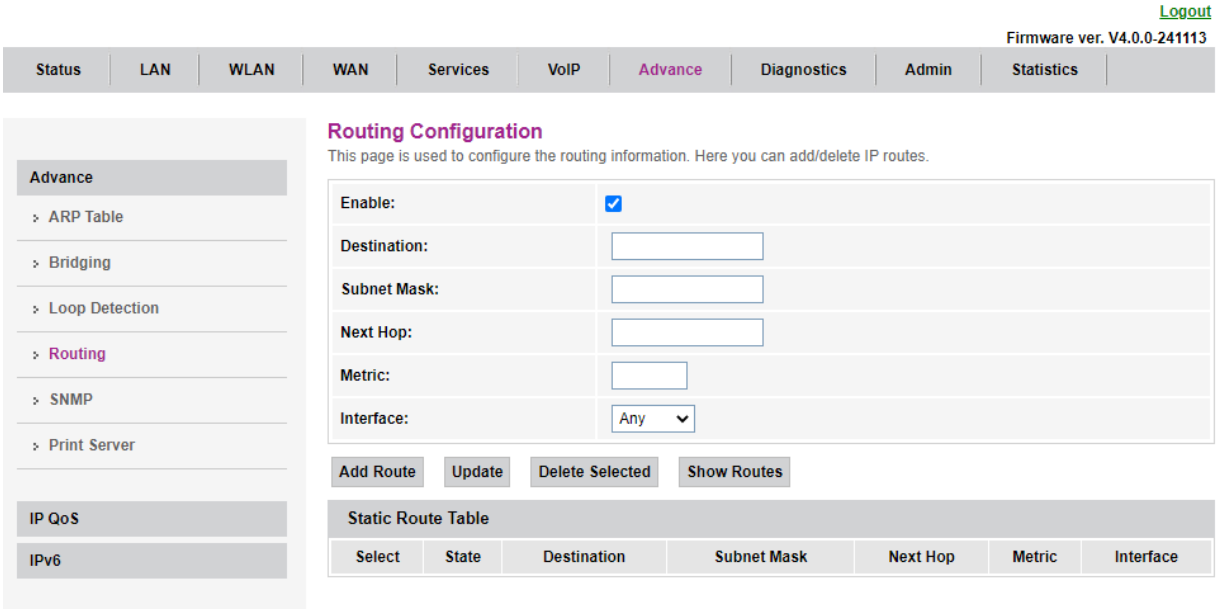
7.10.2 Bridging

This page is used to configure the bridge parameters.



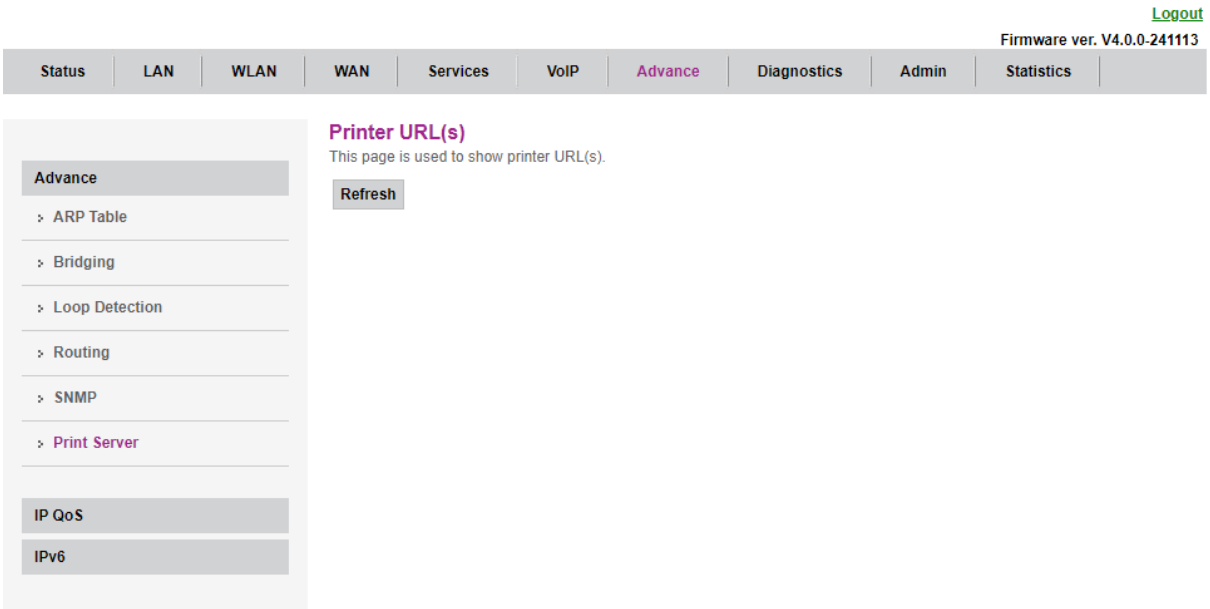
7.10.3 Routing

This page is used to configure the routing information.



7.10.4 Print Server

This page is used to show printer URL(s)

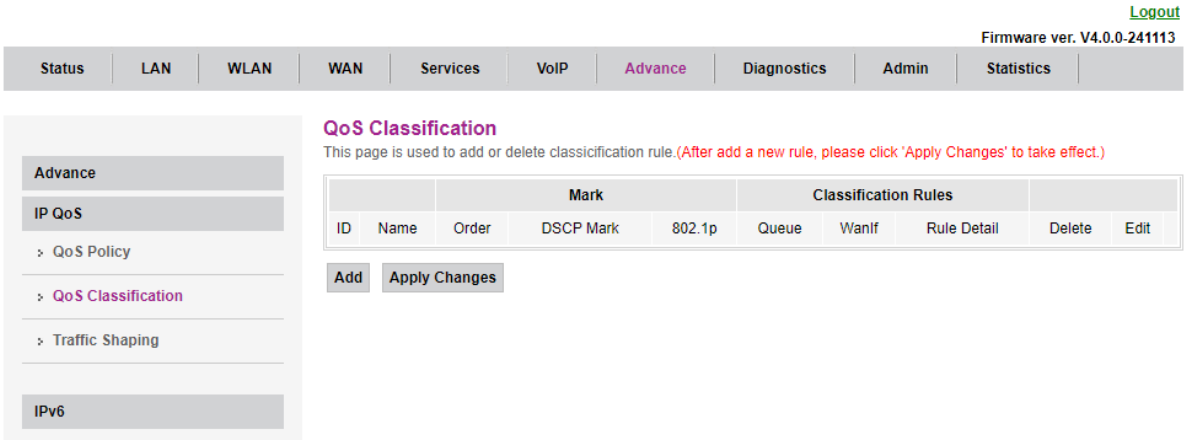


7.11 IP QoS

This sub menu provides three options:

7.11.1 QoS Classification

This page is used to add or delete classicification rule.

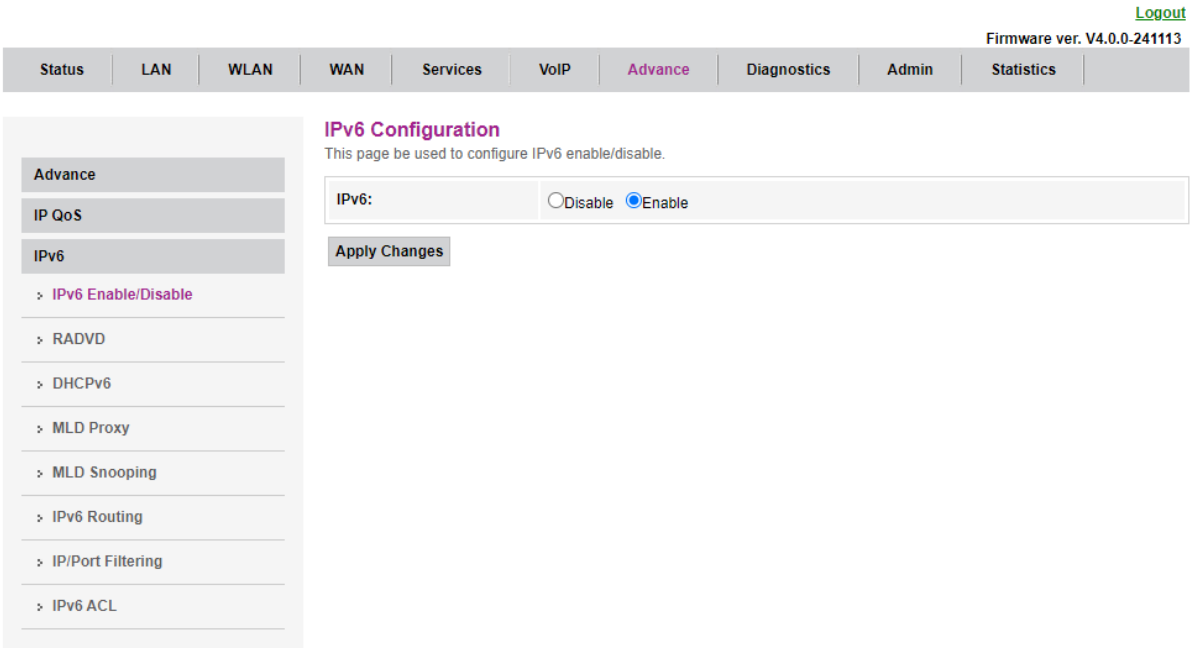


7.12 IPv6

This sub menu provides eight options:

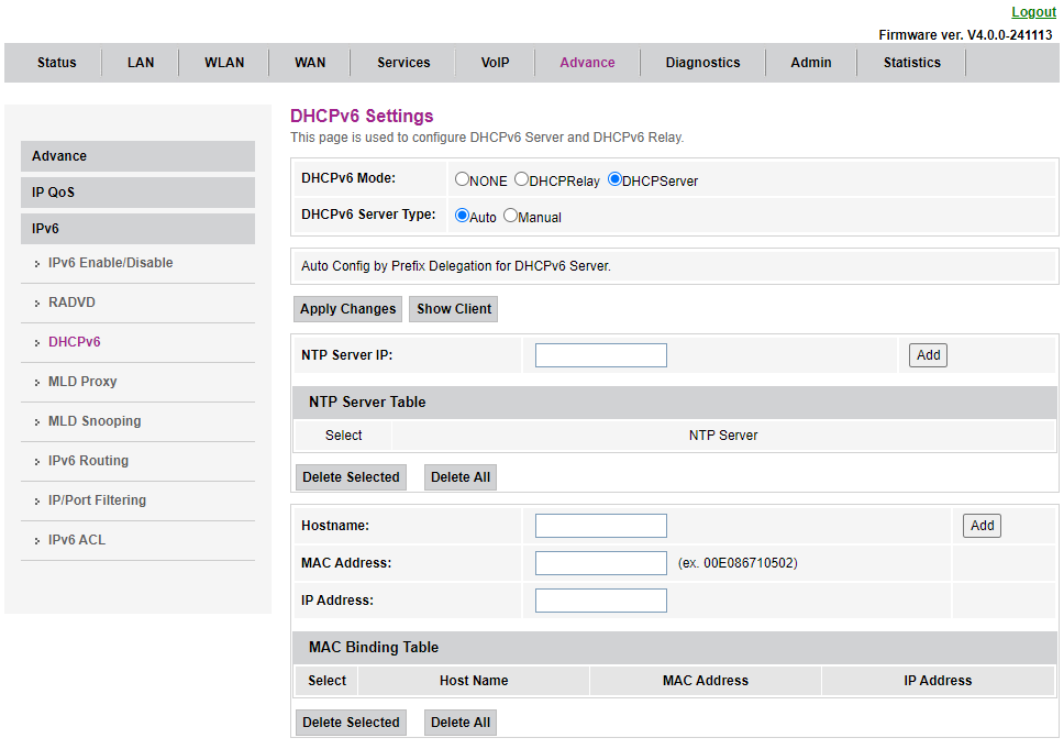
7.12.1 IPv6 Configuration

This page is used to configure IPv6 enable/disable.



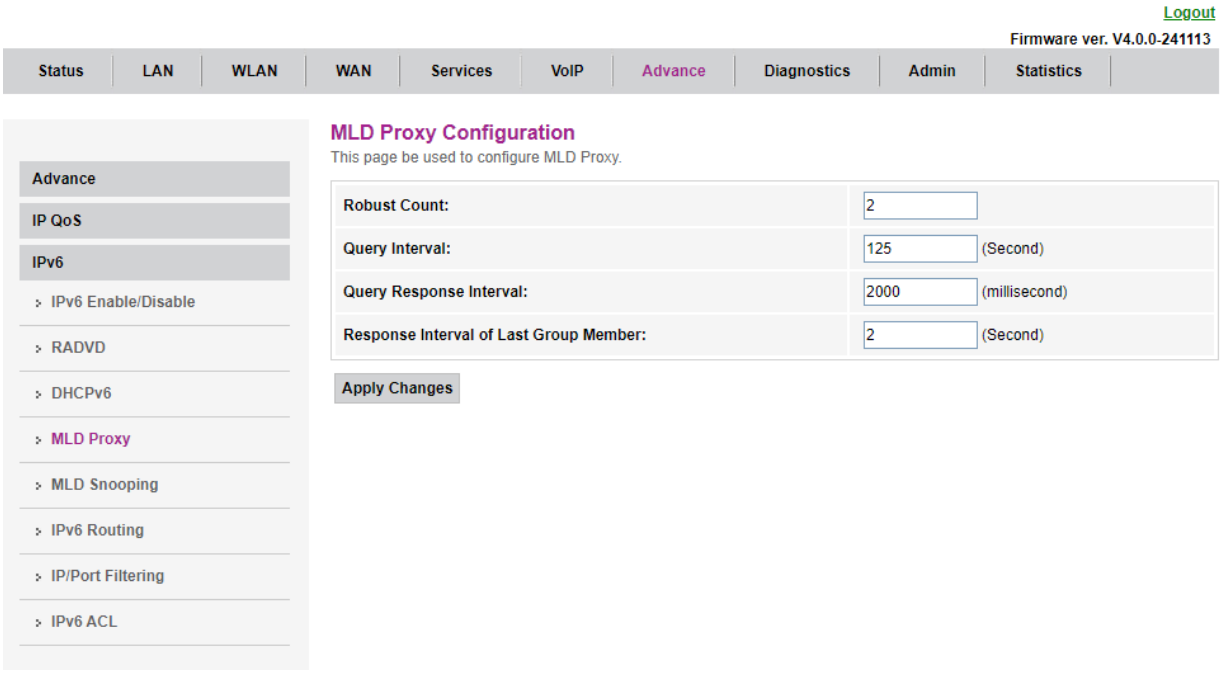
7.12.2 DHCPv6

This page is used to add or configure DHCPv6 and DHCPv6 Relay.



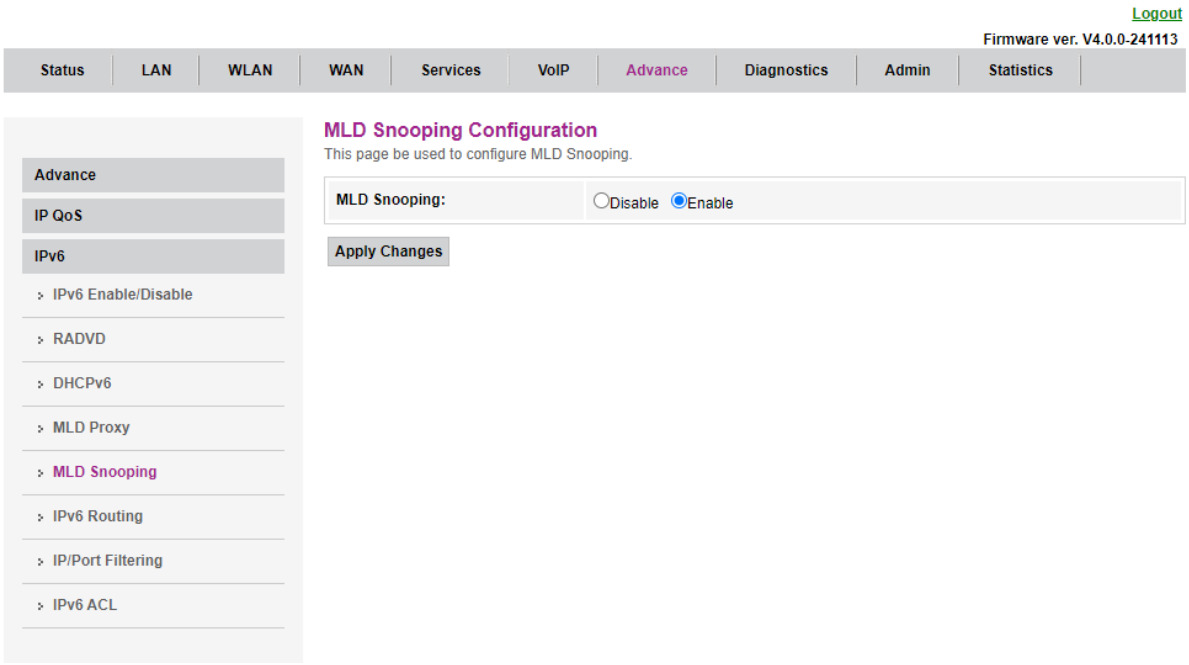
7.12.3 MLD Proxy

This page is used to add or configure MLD proxy.



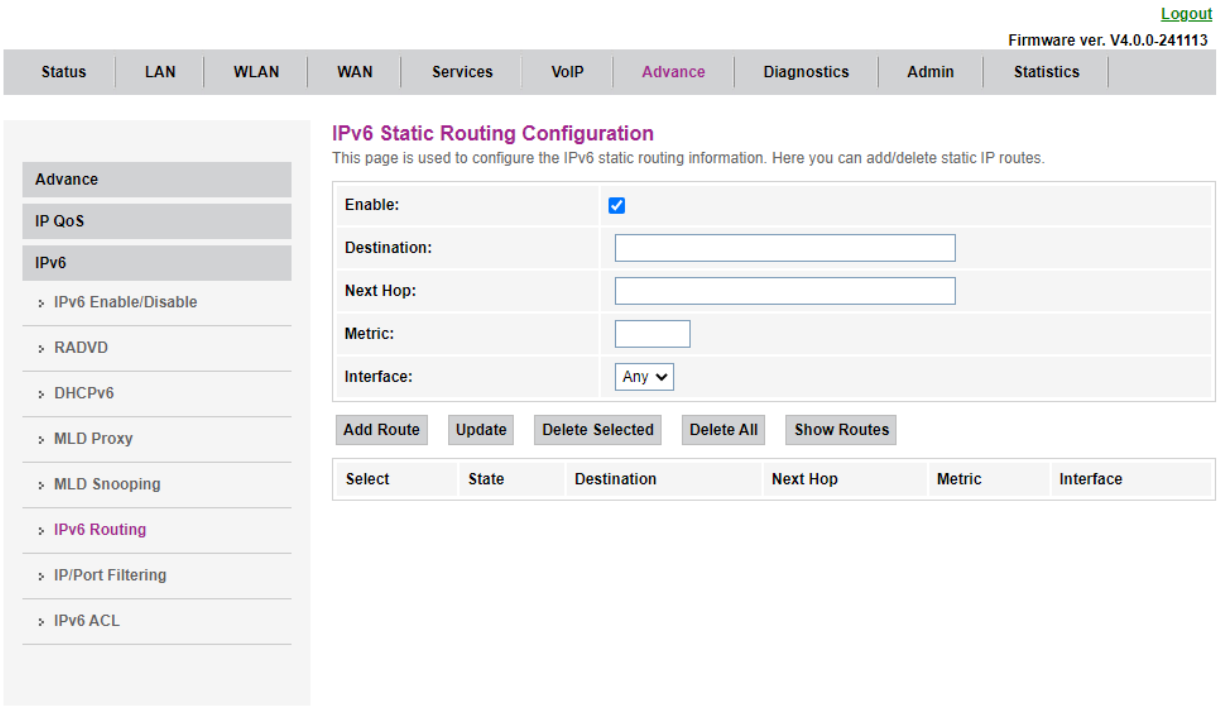
7.12.4 MLD snooping

This page is used to add or configure MLD snooping.



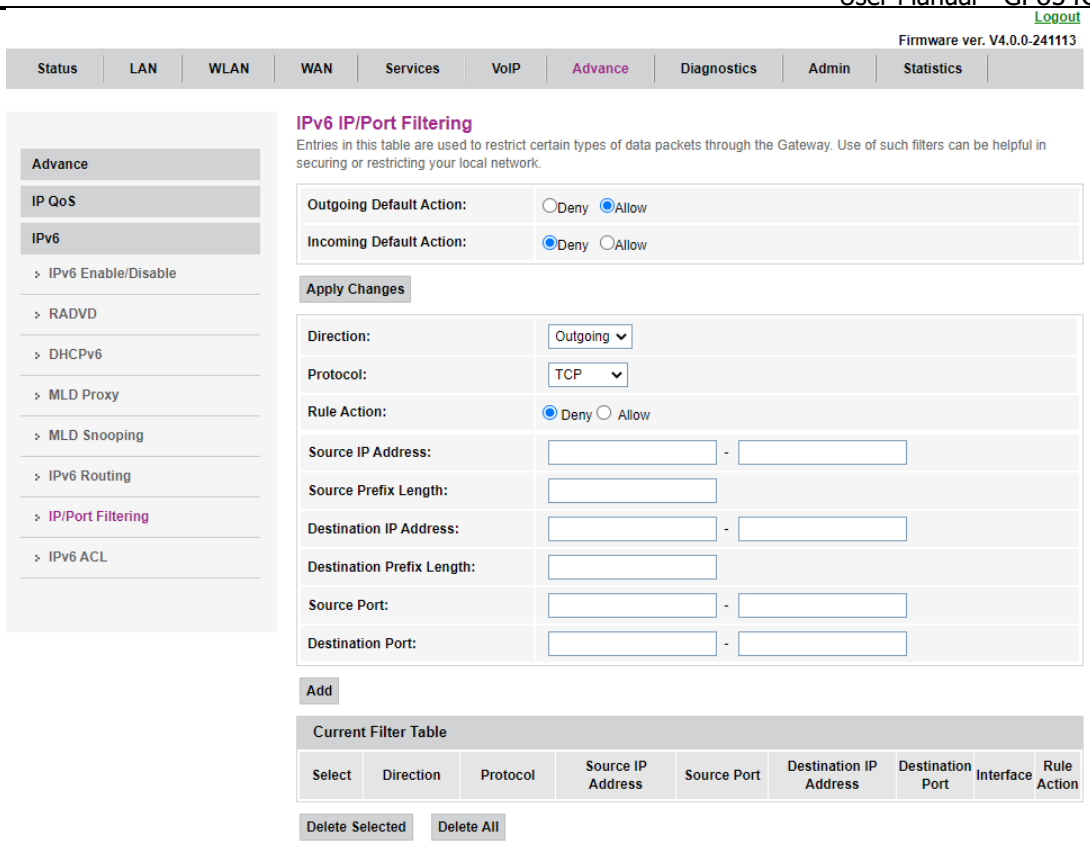
7.12.5 IPv6 routing

This page is used to add or configure IPv6 static routing information.



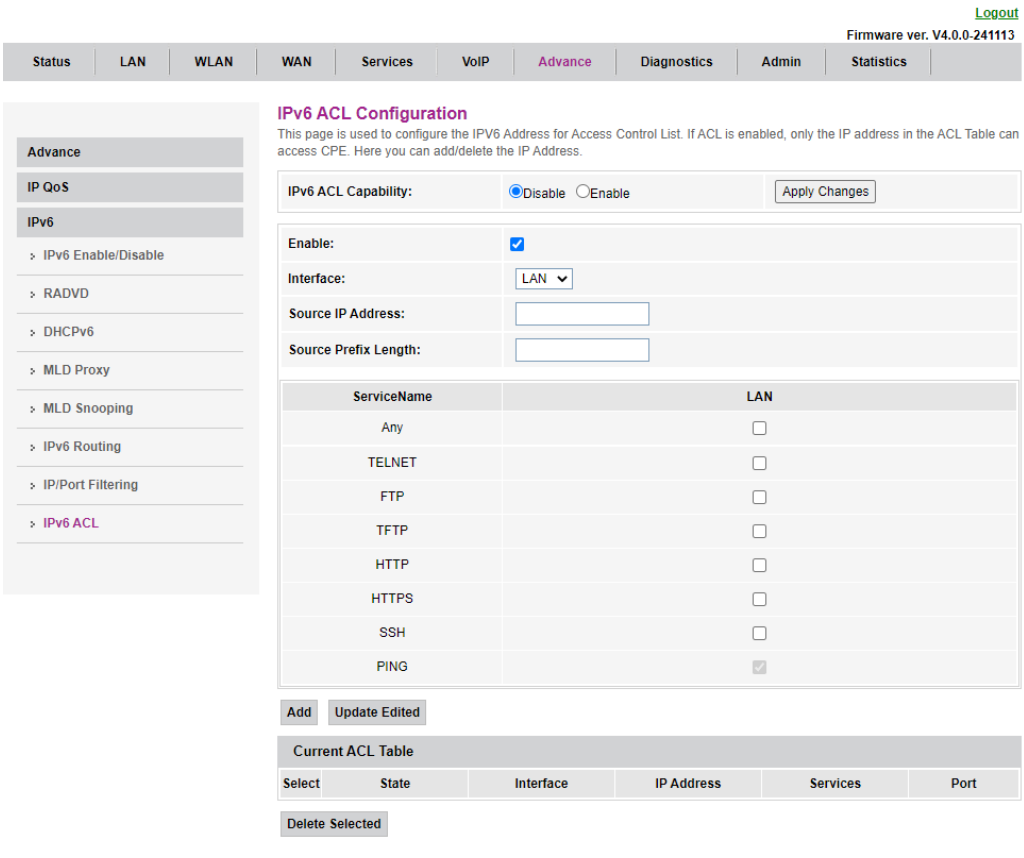
7.12.6 IPv6 filtering

This page is used to add or restrict certain types of data packets through the gateway.



7.12.7 IPv6 ACL

This page is used to configure IPv6 address foe Access Control List.

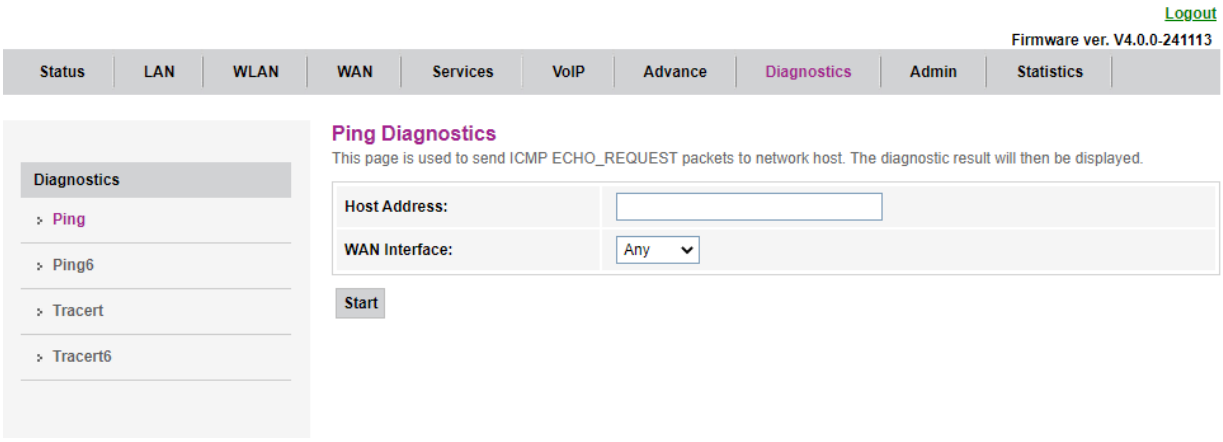


7.13 Diagnostics

This sub menu provides five options:

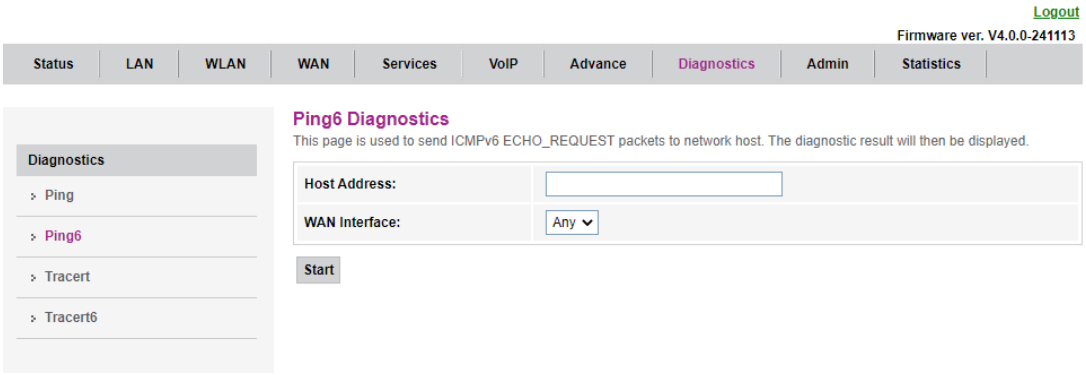
7.13.1 Ping

This page is used to send ICMP ECHO_REQUEST packets to network host.



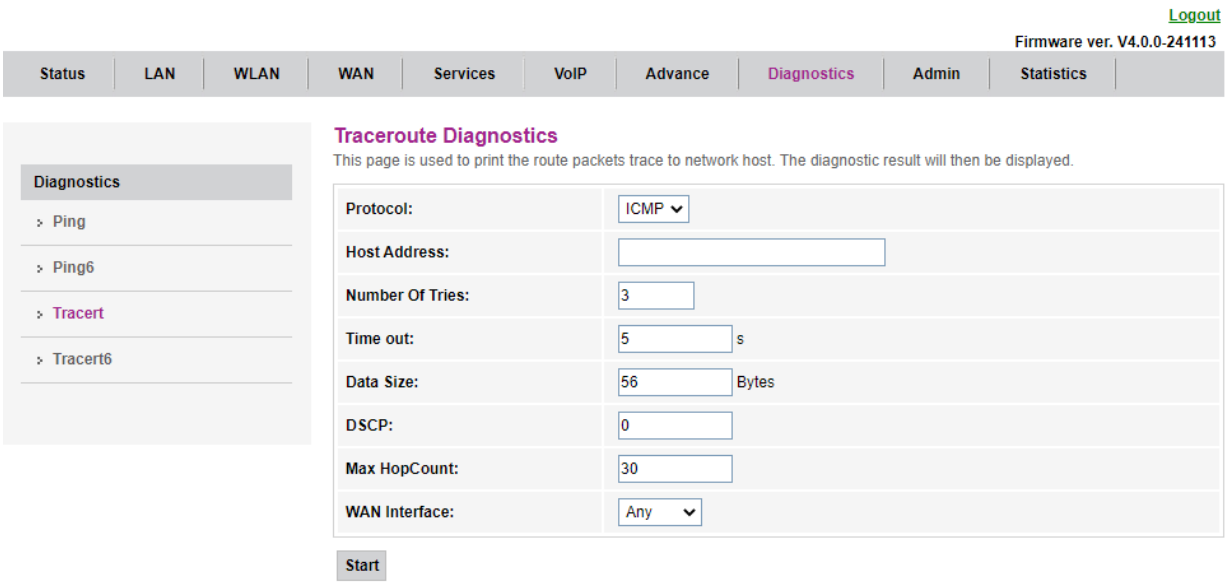
7.13.2 Ping6

This page is used to send ICMPv6 ECHO_REQUEST packets to network host.



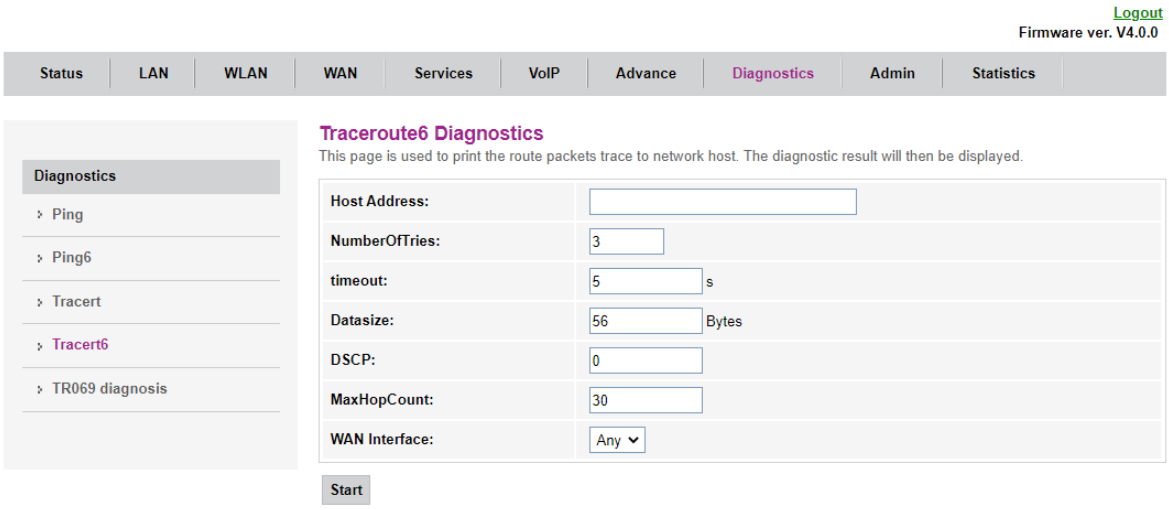
7.13.3 Traceroute

This page is used to print the route packets trace to network host



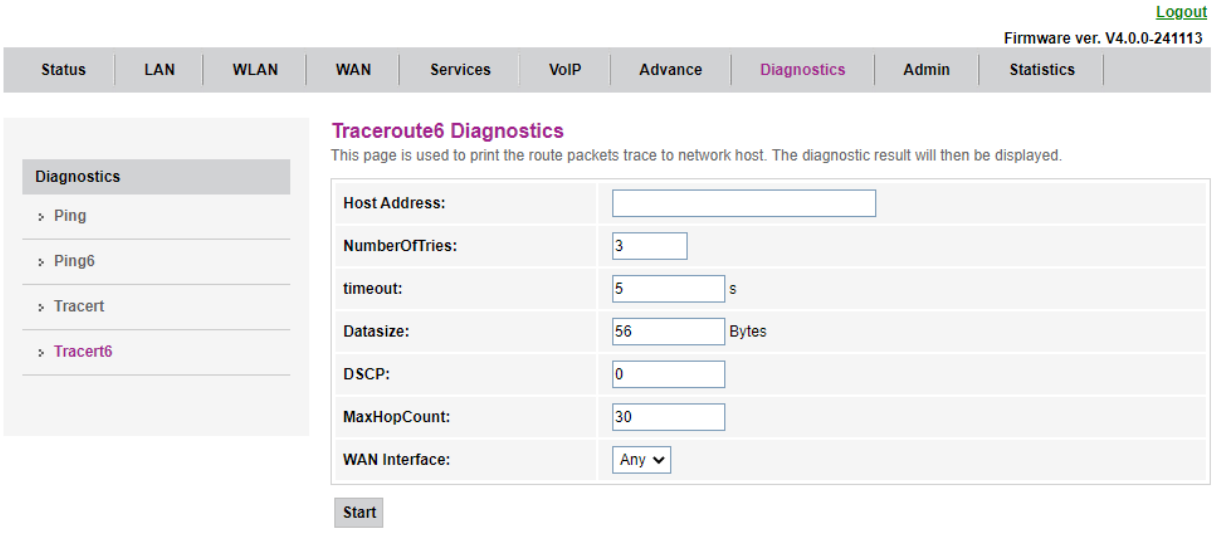
7.13.4 Traceroute6

This page is used to print the route packets trace to network host



7.13.5 TR069

This page is used to inform TR069 by manual.

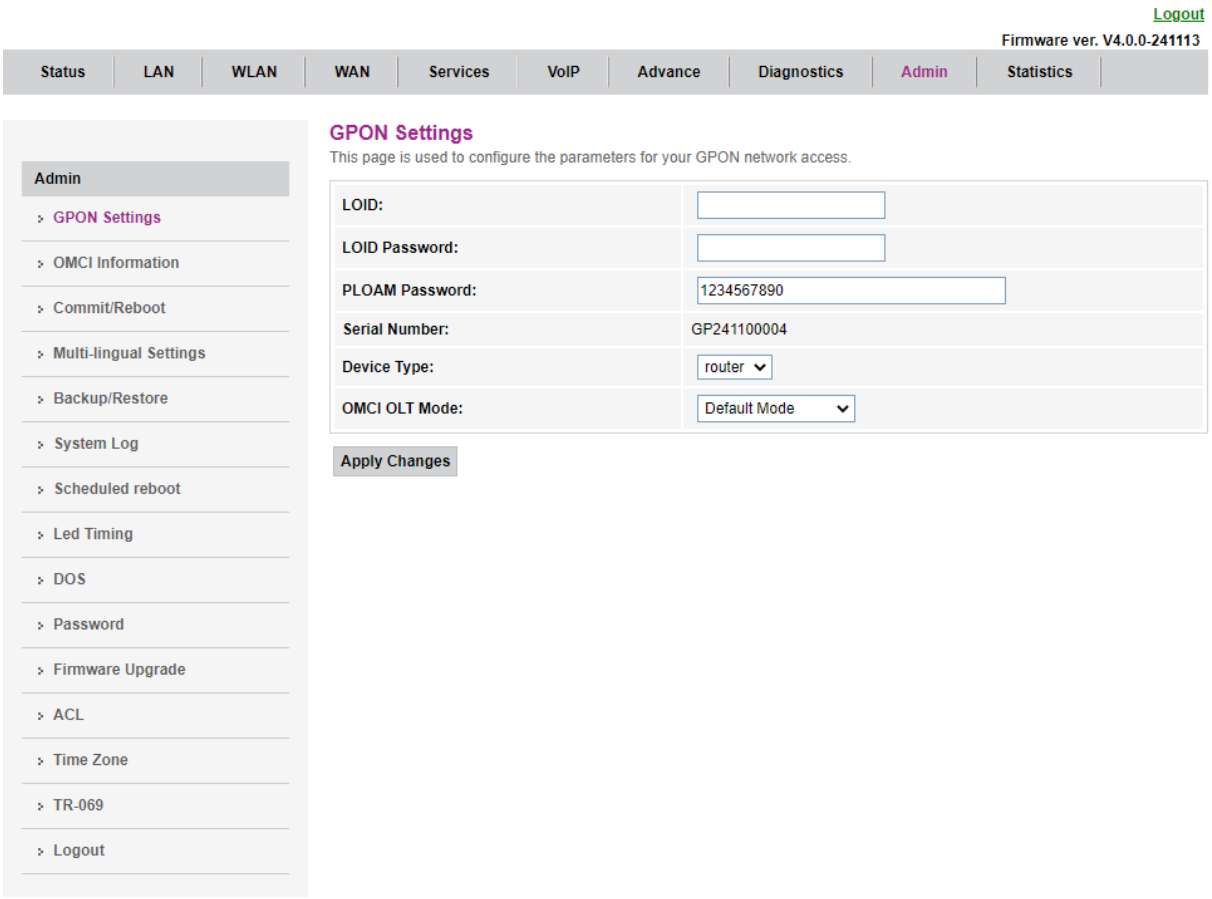


7.14 Admin

This sub menu provides two options:

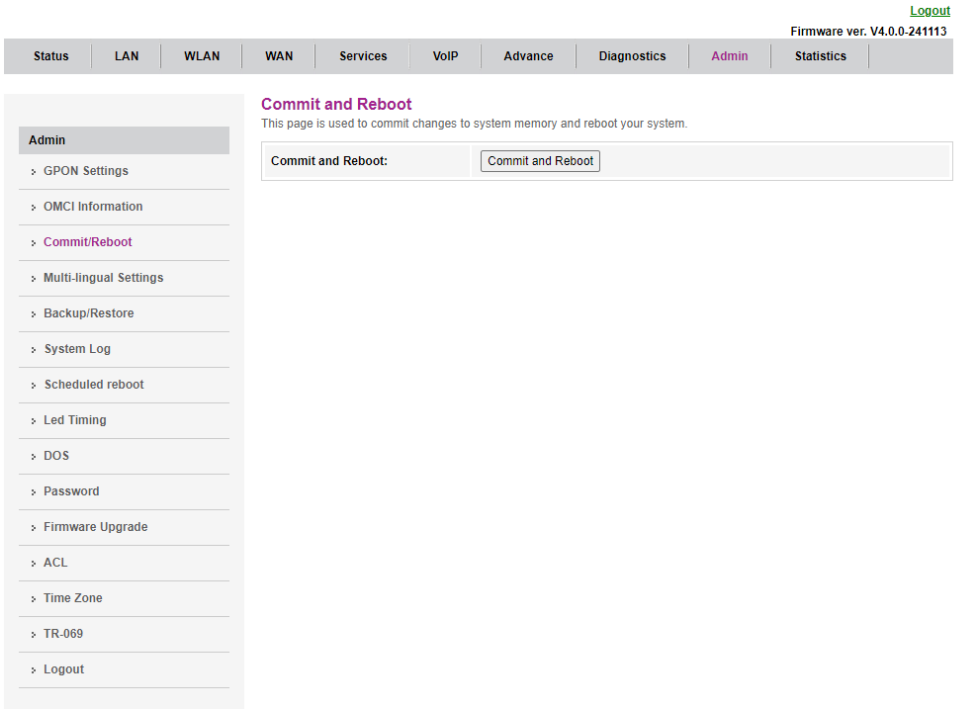
7.14.1 GPON Setting

This page is used to configure the parameters for your GPON network access.



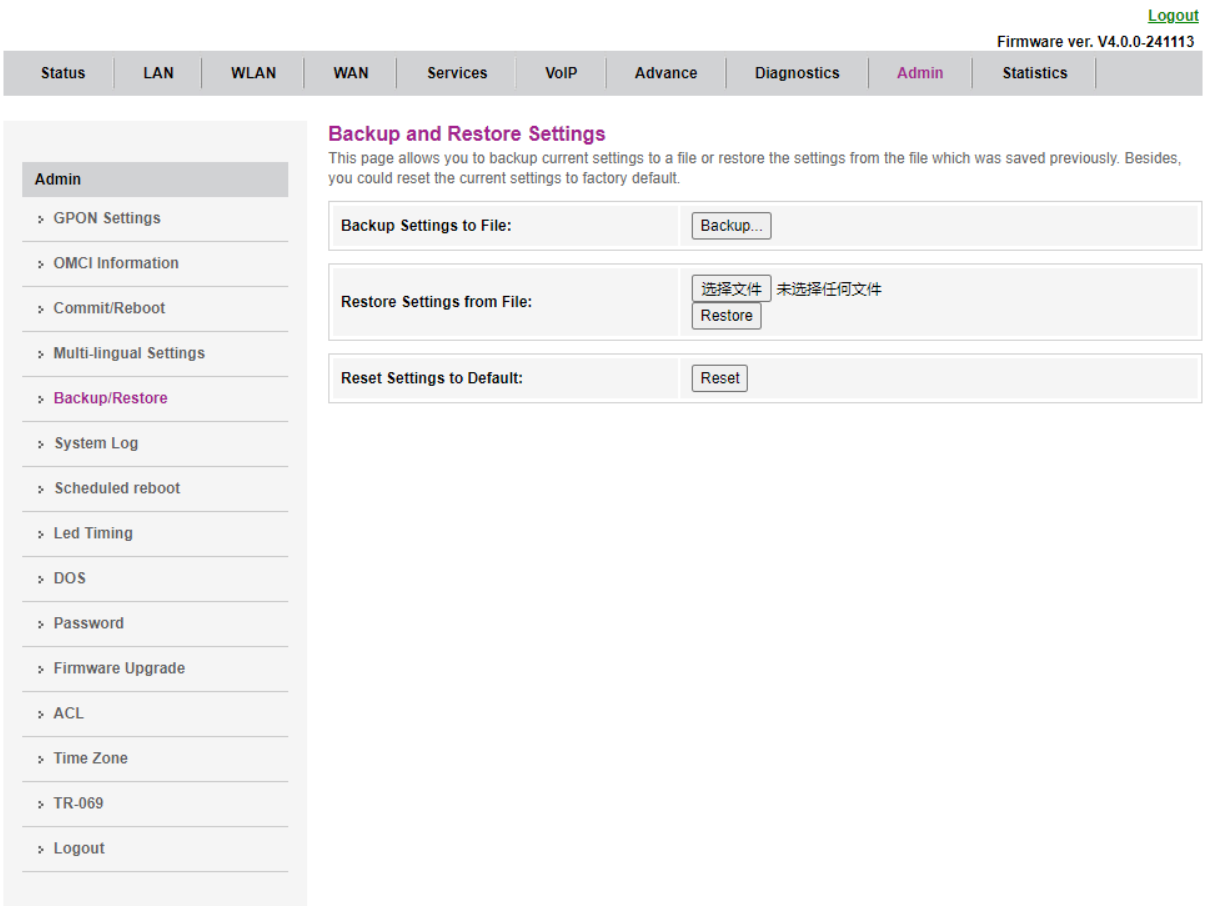
7.14.2 Commit/Reboot

This page is used to commit changes to system and reboot your system.



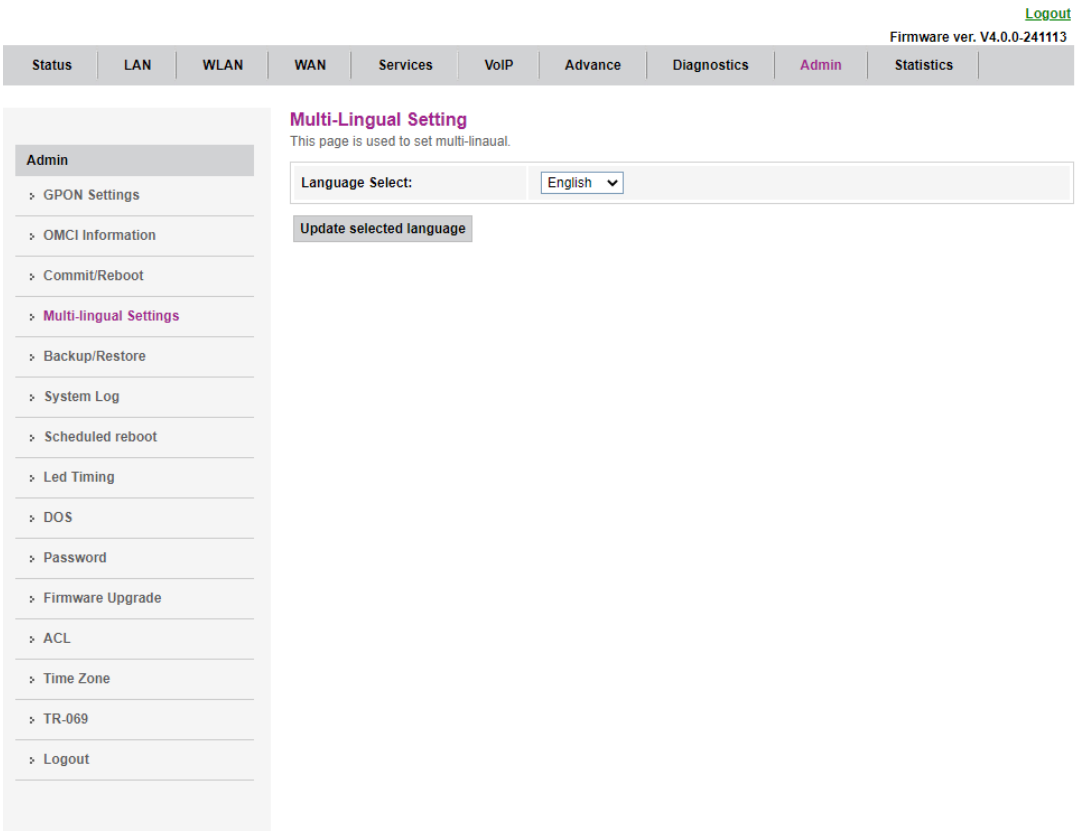
7.14.3 Backup/Restore

This page allows you to backup current settings to a file or restore the settings from the file which was saved previously.



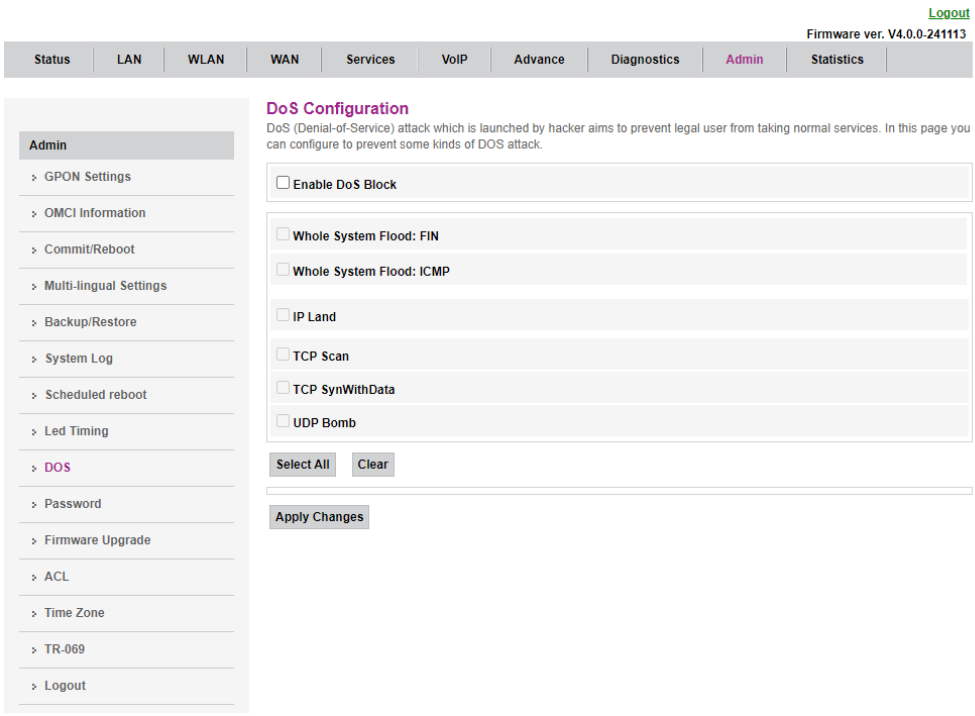
7.14.4 Multi-lingual Setting

This page is used to set multi-lingual.



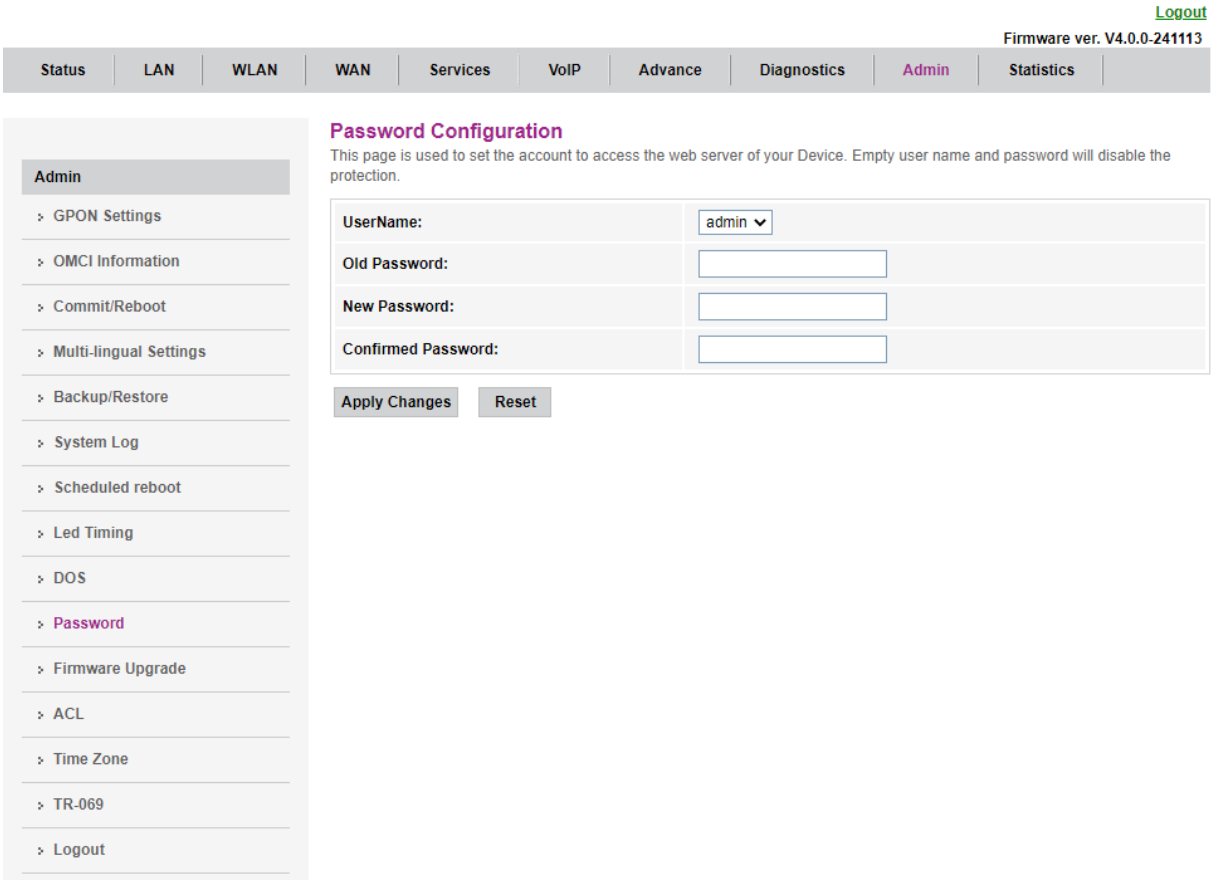
7.14.5 DOS

This page is used to configure to prevent some kinds of DOS attack.



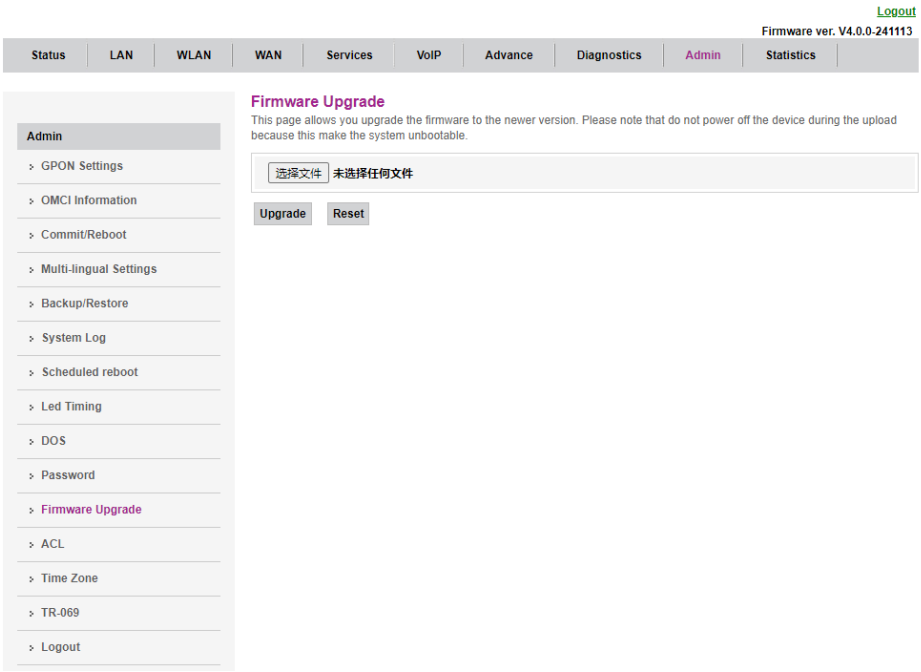
7.14.6 Password

This page is used to set the account to access the web server of your device.



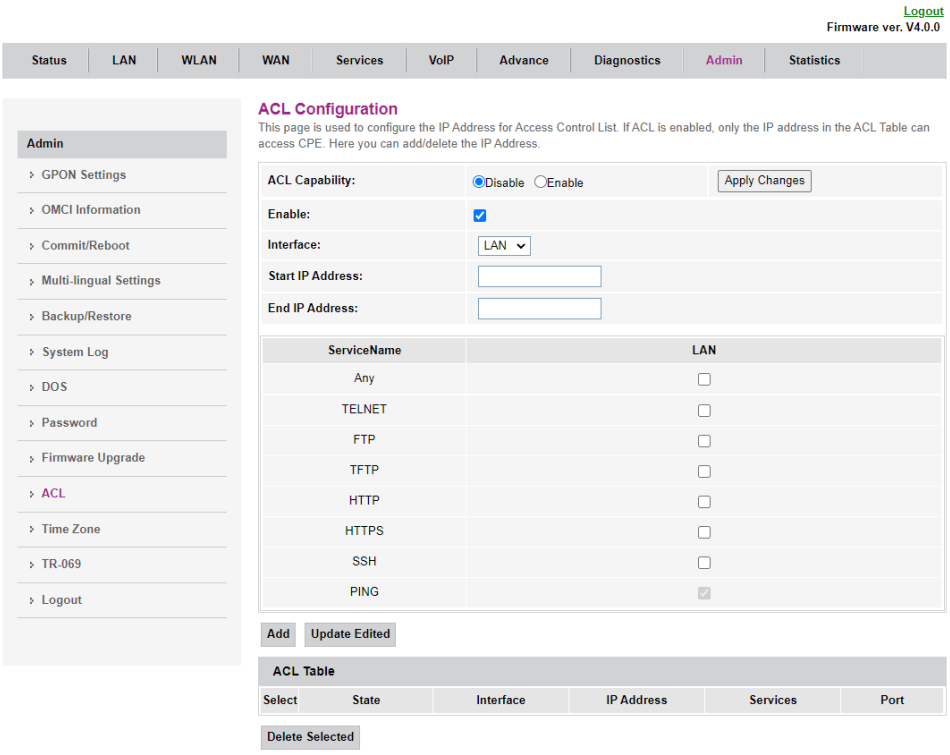
7.14.7 Firmware Upgrade

This page allows you upgrade the firmware to the newer version.



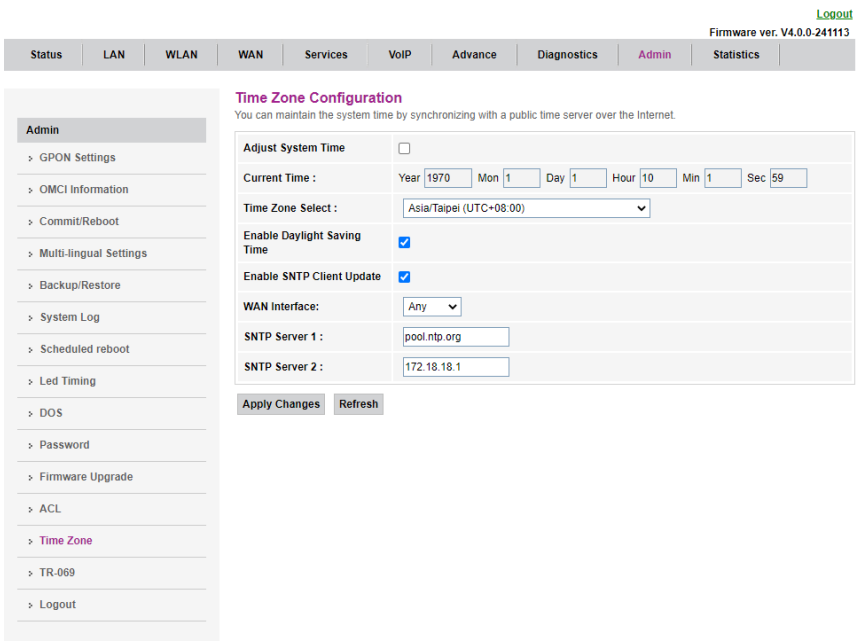
7.14.8 ACL

This page is used to configure the IP address foe Access Control List.



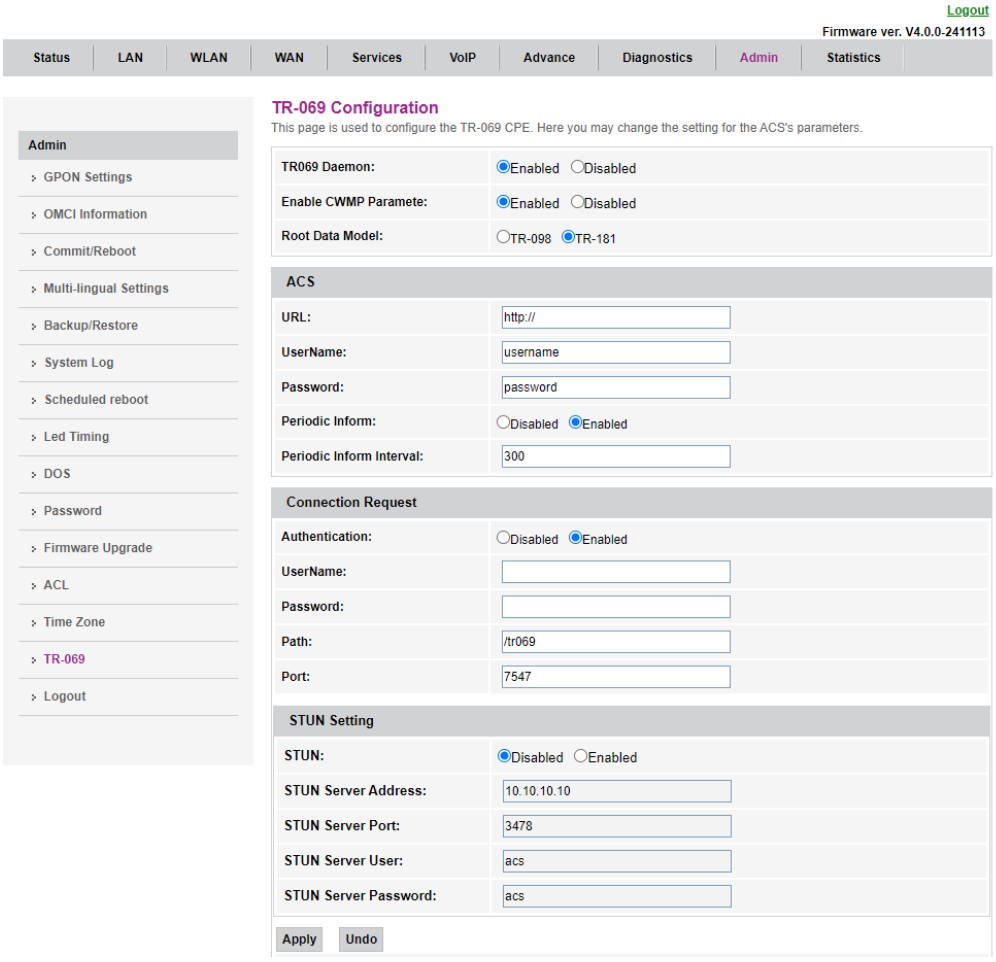
7.14.9 Time zone

This page is used to maintain the system time by synchronizing with a public time server over the internet.



7.14.10 TP069

This page is used to configure the TR-069 CPE.

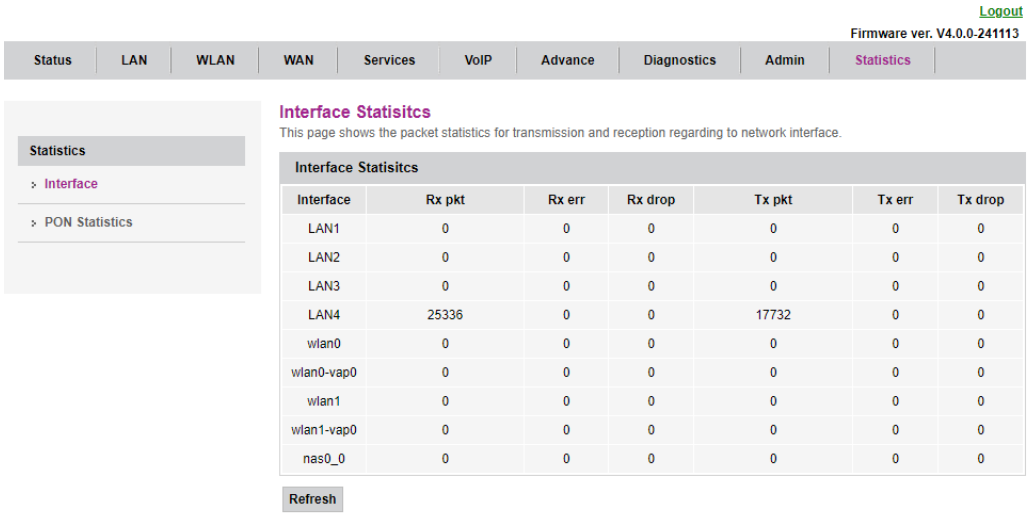


7.15 Statistics

This sub menu provides two options:

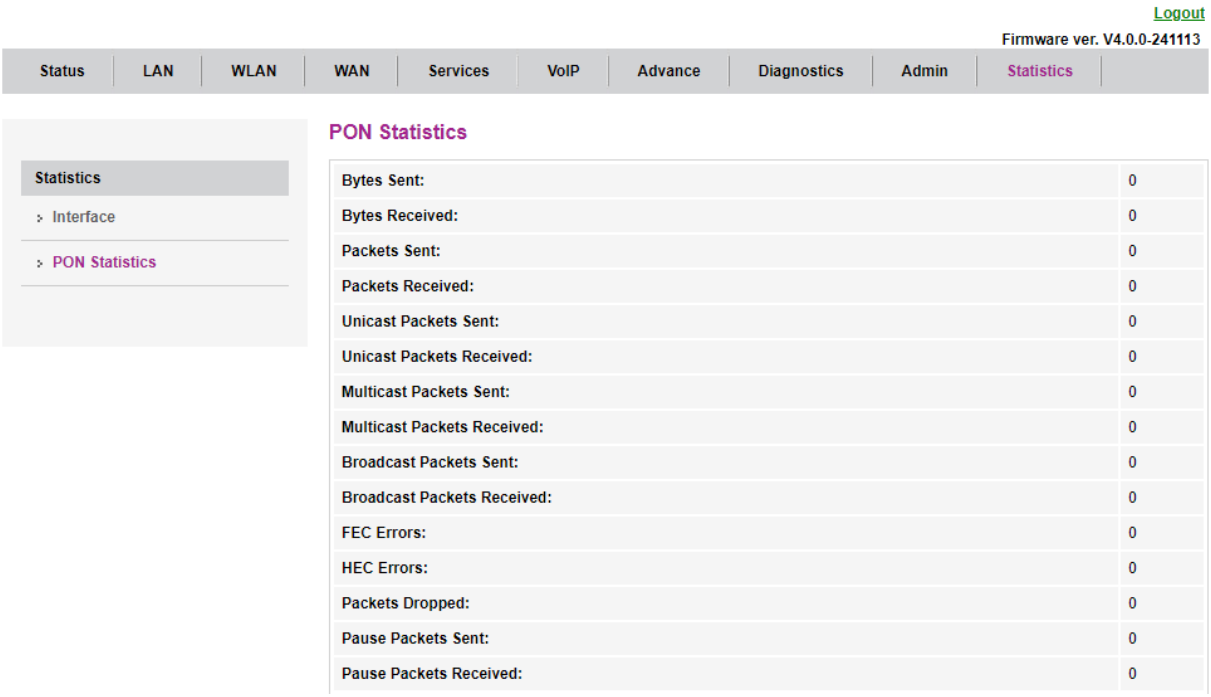
7.15.1 Interface

This page shows the packets statistics for transmission and reception regarding to network interface.



7.15.2 PON Statistics

This page shows the PON Statistics.



8 FAQ

Q1: I cannot log in to the web UI by visiting 192.168.1.1. What should I do?

A1: Try the following solutions:

Ensure that the ONT is powered on properly (the PWR LED indicator is solid yellow).

If you use a wireless device, such as a smartphone, to configure the ONT:

Ensure that your smartphone has disabled mobile data and is connected to the Wi-Fi network of the ONT.

Clear the cache of the web browser or change a web browser and try again.

Use another smartphone and try again.

If you use a wired device, such as a computer, to configure the ONT:

Ensure that your computer is connected to the ONT properly (the LAN LED indicator of the connected port lights up).

Ensure that your computer is set to Obtain an IP address automatically and obtain DNS server address automatically.

Use another computer and try again.

Refer to Q5 to reset the ONT and try again.

Q2: I cannot access the internet after the configuration. What should I do?

A2: Try the following solutions:

Check the LED indicator status of ONT:

If the PWR LED indicator is off, ensure that the ONT is powered on properly.

If the PON LED indicator blinks, ensure that the PON port is clean and connected properly, the fiber cord is not bent excessively and the input optical power is within the normal range (Rx Power between -28 dBm to -8 dBm in GPON mode (or -27 dBm to -3 dBm in EPON mode) on the Status > PON page).

If the PON LED indicator is red, the ONT is not registered. Contact your ISP or verify the parameters for registration are correct.

Ensure that your ISP supports self-purchased PON device for internet access.

If you set the ONT to the router mode:

Ensure that the ONT obtains a valid IP address and gateway on the Status > Device > WAN Configuration page. If not, the WAN connection is not set up successfully. Verify the parameters are correct.

Ensure that the wired device is connected to a LAN port of the ONT or downstream router (if any) properly and set to Obtain an IP address automatically and obtain DNS server address

automatically.

Ensure that the wireless device is connected to the Wi-Fi network of the ONT or downstream router (if any).

If you set the ONT to bridge mode, ensure that the router or terminal used for dial-up is connected and configured properly.

If the problem persists, consult your ISP.

Q3: Why cannot I find the Wi-Fi signal of the ONT?

A3: If the device has WiFi function, Try the following solutions:

Ensure that the WLAN LED indicator lights up. If not, the Wi-Fi networks of the ONT are disabled.

Enable Wi-Fi networks: Log in to the web UI of the ONT. Choose WLAN, and find Basic Settings in either wlan0 (5GHz) or wlan1 (2.4GHz). Deselect Disable WLAN Interface and click Apply Changes.

Q4: Why cannot I find the 5 GHz Wi-Fi network of the ONT?

A4: If the device has WiFi function, Try the following solutions:

If you can find other 5 GHz Wi-Fi networks, refer to Q3 to find a solution.

Only devices supporting 5 GHz Wi-Fi network can find and connect to the 5 GHz Wi-Fi network.

Q5: How to reset the ONT?

A5: Inset a long pin to "Reset" hole, press and hold it for 5 seconds. ONU will reset automatically. After the reset, ONU will be back to factory default.

Q6: How to change the Wi-Fi name and Wi-Fi password?

A6: If the device has WiFi function, Try the following solutions:

Log in to the web UI of the ONT, choose WLAN and repeat the following steps in wlan0 (5GHz) and wlan1 (2.4GHz).

Wi-Fi name: Choose Basic Settings and change the SSID (Wi-Fi name). Click Apply Changes, and click OK when Change setting successfully is shown.

Wi-Fi password: Choose Security, set Encryption to WPA/WPA2-PSK (recommended) and change the Pre-Shared Key (Wi-Fi password). Click Apply Changes, and click OK when Change setting successfully is shown.

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