

aidata

User

Manual

GP854GVR-V2

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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 increase 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. <ul style="list-style-type: none">• 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 $\leq 2\text{m}$.
- 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°C to 45°C ; Humidity: (10% - 90%) RH, non-condensing;

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.

```
C:\Users\ . >ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time=2ms TTL=64
Reply from 192.168.1.1: bytes=32 time=1ms TTL=64
Reply from 192.168.1.1: bytes=32 time=1ms TTL=64
Reply from 192.168.1.1: bytes=32 time=1ms TTL=64

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 2ms, Average = 1ms
```

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.

```
C:\Users\ >ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

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)

① 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.

② Start a web browser and visit 192.168.1.1.

③ Enter the User Name and Password according to the actual permissions.

④ Click Login



Input username and password

UserName:

Password:

Login

Language Select: English ▾

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".)

- 1 Choose **WAN > PON WAN**.
- 2 Tick **Enable VLAN**.
- 3 Enter the **VLAN ID** provided by your ISP.
- 4 Set **Channel Mode** to **PPPoE**.
- 5 Set Connection Type to **INTERNET**.
- 6 Enter the PPPoE **User Name** and **Password** provided by your ISP.
- 7 Set other parameters according to your ISP and your own need.
- 8 Click **Apply Changes**.
- 9 Click **OK** when Change setting successfully is shown on the page.

Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>WAN</p> <ul style="list-style-type: none"> > PON WAN <p>VPN</p> </div> <div style="width: 80%;"> <h3>PON WAN</h3> <p>This page is used to configure the parameters for PONWAN.</p> <div style="border: 1px dashed orange; padding: 5px;"> <p>nas0_0</p> <p>Enable VLAN: <input checked="" type="checkbox"/></p> <p>VLAN ID: 100</p> <p>802.1p_Mark</p> <p>Multicast Vlan ID: [1-4095]</p> <p>Channel Mode: PPPoE</p> </div> <p>Enable Bridge: <input type="checkbox"/></p> <p>Bridge Mode:</p> <p>Enable:</p> <p>Admin Status: <input checked="" type="radio"/> Enable <input type="radio"/> Disable</p> <p>Connection Type: INTERNET</p> <p>MTU: [1280-1492] 1492</p> <p>Mac Clone: NONE</p> <p>Default Route: <input type="radio"/> Disable <input checked="" type="radio"/> Enable</p> <p>Enable IGMP-Proxy: <input type="checkbox"/></p> <p>Enable MLD-Proxy: <input type="checkbox"/></p> <p>IP Protocol: IPv4</p> <hr/> <p>PPP Settings:</p> <div style="border: 1px dashed orange; padding: 5px;"> <p>UserName: 111</p> <p>Password: ... <input type="checkbox"/> show password</p> <p>Type: Continuous</p> <p>Idle Time (sec):</p> <p>Authentication Method: AUTO</p> <p>AC-Name:</p> <p>Service-Name:</p> </div> <p>V6inV4 Tunnel settings:</p> <p>Tunnel Type: None</p> <p>Port Mapping:</p> <p><input checked="" type="checkbox"/> LAN_1 <input checked="" type="checkbox"/> LAN_2</p> <p><input checked="" type="checkbox"/> LAN_3 <input checked="" type="checkbox"/> LAN_4</p> <p>Apply Changes Delete</p> </div> </div>									

6.1.3 Set the Wi-Fi Configuration

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

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

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

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 Security Settings

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

SSID Type:	Root AP - 5G_B5CA_SSID ▼
Encryption:	WPA2 Mixed ▼
WPA Cipher Suite:	<input checked="" type="checkbox"/> TKIP <input checked="" type="checkbox"/> AES
WPA2 Cipher Suite:	<input checked="" type="checkbox"/> TKIP <input checked="" type="checkbox"/> AES
Group Key Update Timer:	86400
Pre-Shared Key Format:	Passphrase ▼
Pre-Shared Key: <input type="checkbox"/> show password

Apply Changes

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

- 1 Connect a LAN port of the ONT to the WAN port of the router using an Ethernet cable.
- 2 Connect your computer to a LAN port of the router using an Ethernet cable.
- 3 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:



Input username and password

UserName:

Password:

Login

Language Select:

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:

Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics																																																																																		
<div style="display: flex;"> <div style="width: 20%; border: 1px solid #ccc; padding: 5px;"> <p>Status</p> <ul style="list-style-type: none"> > Device > IPv6 > PON > LAN Port > VoIP > TR069 </div> <div style="width: 80%; padding: 10px;"> <h3>Device Status</h3> <p>This page shows the current status and some basic settings of the device.</p> <table border="1"> <thead> <tr> <th colspan="2">System</th> </tr> </thead> <tbody> <tr> <td>Device Name</td> <td>GP854GVR-V3</td> </tr> <tr> <td>Uptime</td> <td>59 min</td> </tr> <tr> <td>Firmware Version</td> <td>V4.0.0-241113</td> </tr> <tr> <td>CPU Usage</td> <td>6% <div style="width: 6%; height: 10px; background-color: #28a745;"></div></td> </tr> <tr> <td>Memory Usage</td> <td>37% <div style="width: 37%; height: 10px; background-color: #28a745;"></div></td> </tr> <tr> <td>Name Servers</td> <td></td> </tr> <tr> <td>IPv4 Default Gateway</td> <td></td> </tr> <tr> <td>IPv6 Default Gateway</td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">LAN Configuration</th> </tr> </thead> <tbody> <tr> <td>IP Address</td> <td>192.168.1.1</td> </tr> <tr> <td>Subnet Mask</td> <td>255.255.255.0</td> </tr> <tr> <td>DHCP Server</td> <td>Enabled</td> </tr> <tr> <td>MAC Address</td> <td>4C2EFE26B5CA</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="8">WAN Configuration</th> </tr> <tr> <th>Interface</th> <th>VLAN ID</th> <th>MAC</th> <th>Connection Type</th> <th>Protocol</th> <th>IP Address</th> <th>Gateway</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>nas0_0</td> <td>100</td> <td>4c:2e:fe:26:b5:cb</td> <td>INTERNET</td> <td>IPoE</td> <td></td> <td></td> <td>down <input type="button" value="Connect"/></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="5">PPTP Configuration</th> </tr> <tr> <th>Interface</th> <th>Protocol</th> <th>IP Address</th> <th>Gateway</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="5">L2TP Configuration</th> </tr> <tr> <th>Interface</th> <th>Protocol</th> <th>Local IP Address</th> <th>Remote IP Address</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><input type="button" value="Refresh"/></p> </div> </div>										System		Device Name	GP854GVR-V3	Uptime	59 min	Firmware Version	V4.0.0-241113	CPU Usage	6% <div style="width: 6%; height: 10px; background-color: #28a745;"></div>	Memory Usage	37% <div style="width: 37%; height: 10px; background-color: #28a745;"></div>	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 <input type="button" value="Connect"/>	PPTP Configuration					Interface	Protocol	IP Address	Gateway	Status						L2TP Configuration					Interface	Protocol	Local IP Address	Remote IP Address	Status					
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7.2 Logout to the Web UI

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

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	IPv6			down <input type="button" value="Connect"/>

PPTP Configuration				
Interface	Protocol	IP Address	Gateway	Status

L2TP Configuration				
Interface	Protocol	Local IP Address	Remote IP Address	Status

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.

- 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% <div style="width: 6%;"></div>
Memory Usage	37% <div style="width: 37%;"></div>
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 <input type="button" value="Connect"/>

PPTP Configuration				
Interface	Protocol	IP Address	Gateway	Status

L2TP Configuration				
Interface	Protocol	Local IP Address	Remote IP Address	Status

7.3.2 IPv6

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

[Logout](#)
Firmware ver. V4.0.0

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

Status

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

IPv6 Status

This page shows the current system status of IPv6.

LAN Configuration	
IPv6 Address	
IPv6 Link-Local Address	fe80::2e0:4cff:fe86:7001/64

Prefix Delegation	
Prefix	

WAN Configuration					
Interface	VLAN ID	Connection Type	Protocol	IP Address	Status

Route Configuration					
Destination IP	Source	Gateway	Metric	Interface	
fe80::/64	:::0	::	256	br0	
fe80::/128	:::0	::	0	br0	
fe80::2e0:4cff:fe86:7001/128	:::0	::	0	br0	

DS-Lite Configuration			
Interface	AFTR name	AFTR address	DS-Lite DHCPv6 option

[Refresh](#)

7.3.3 PON

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

[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

PON Status

This page shows the current system status of PON.

Temperature	30.203125 C
Voltage	3.205800 V
Tx Power	No signal
Rx Power	No signal
Bias Current	0.000000 mA

GPON Status	
ONU State	O1
ONU ID	1
LOID Status	Initial Status

[Refresh](#)

7.3.4 LAN port

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

Status

- > Device
- > IPv6
- > PON
- > **LAN Port**
- > VoIP
- > TR069

LAN Port Status

This page shows the current LAN Port status.

LAN Port Status	
LAN1	not-connected
LAN2	not-connected
LAN3	not-connected
LAN4	up, 1000Mb, Full

[Refresh](#)

7.3.5 VoIP

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

Status

- > Device
- > IPv6
- > PON
- > LAN Port
- > **VoIP**
- > TR069

VoIP Register Status

This page shows the register status of port.

Register Status		
Port	Number	Status
1-Main Proxy		Disabled
1-Backup Proxy		Disabled

[Refresh](#)

7.3.6 TR069

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

Status

- > Device
- > IPv6
- > PON
- > LAN Port
- > VoIP
- > **TR069**

TR069 Status

This page displays the connection status of tr069.

TR069Status	
Proactive reporting Inform Status:	Unreported (DUT is booting)
Accepting ITMS connection request Status:	Not get remote access requiremnet

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.

[Logout](#)
Firmware ver. V4.0.0-241113

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

LAN

> LAN Interface Settings

LAN Interface Settings

This page is used to configure the LAN interface of your Device. Here you may change the setting for IP addresses, subnet mask, etc.

InterfaceName:	br0
IP Address:	<input type="text" value="192.168.1.1"/>
Subnet Mask:	<input type="text" value="255.255.255.0"/>
IPv6 Link-Local Address Mode:	<input type="text" value="Auto"/>
IPv6 DNS Mode:	<input type="text" value="HGWProxy"/>
Prefix Mode:	<input type="text" value="WANDelegated"/>
WAN Interface:	<input type="text" value="Any"/>

IGMP Snooping:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled
Ethernet to Wireless Blocking:	<input checked="" type="radio"/> Disabled <input type="radio"/> Enabled

LAN1:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled
LAN2:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled
LAN3:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled
LAN4:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled

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.

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:

Mode:

SSID:

Channel Width:

Control Sideband:

Channel Number:

Radio Power (%):

Associated Clients:

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.

[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 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.

Fragment Threshold:	<input type="text" value="2346"/>	(256-2346)
RTS Threshold:	<input type="text" value="2347"/>	(0-2347)
Beacon Interval:	<input type="text" value="100"/>	(100-1024 ms)
DTIM Period:	<input type="text" value="1"/>	(1-255)
Data Rate:	<input type="text" value="Auto"/>	
Preamble Type:	<input checked="" type="radio"/> Long Preamble <input type="radio"/> Short Preamble	
Broadcast SSID:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	
Client Isolation:	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled	
Aggregation:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	
Short GI:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	
Multicast to Unicast:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	
Band Steering:	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled <input type="text" value="Prefer 5GHz"/>	
OFDMA:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	
WMM Support:	<input type="radio"/> Enabled <input type="radio"/> Disabled	
802.11k Support:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	
802.11v Support:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	

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.

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 Security Settings

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

SSID Type:	Root AP - 5G_B5CA_SSID
Encryption:	WPA2 Mixed
WPA Cipher Suite:	<input checked="" type="checkbox"/> TKIP <input checked="" type="checkbox"/> AES
WPA2 Cipher Suite:	<input checked="" type="checkbox"/> TKIP <input checked="" type="checkbox"/> AES
Group Key Update Timer:	86400
Pre-Shared Key Format:	Passphrase
Pre-Shared Key: <input type="checkbox"/> show password

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.

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 Access Control

If you choose 'Allowed Listed', only those WLAN clients whose MAC addresses are in the access control list will be able to connect to your Access Point. When 'Deny Listed' is selected, these WLAN clients on the list will not be able to connect the Access Point.

Mode:	Disabled	<input type="button" value="Apply Changes"/>
MAC Address:	<input type="text"/>	(ex. 00E086710502)

Current Access Control List	
MAC Address	Select

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 automatically synchronize its setting and connect to the Access Point in a minute without any hassle.

[Logout](#)
Firmware ver. V4.0.0

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

Wi-Fi Protected Setup

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

Disable WPS

WPS Status: Configured UnConfigured

Self-PIN Number:

Push Button Configuration:

Current Key Info

Authentication	Encryption	Key
Open	None	N/A

Client PIN Number:

7.5.6 Status

This page shows the WLAN current status.

[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 Status

This page shows the WLAN current status.

WLAN Configuration

Mode	AP
Band	5 GHz (A+N+AC+AX)
SSID	5G_B5CA_SSID
Channel Number	149
Encryption	WPA2 Mixed
BSSID	4c:2e:fe:26:b5:cb
Associated Clients	0

Virtual AP1 Configuration

Band	5 GHz (A+N+AC+AX)
SSID	EasyMeshBH-21xMkcY3m
Encryption	WPA2
BSSID	4c:2e:fe:26:b5:cc
Associated Clients	0

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.

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

wlan0 (5GHz)

wlan1 (2.4GHz)

Easy Mesh

- › EasyMesh Interface Setup
- › Topology
- › Channel Scan
- › Vlan

EasyMesh Interface Setup

This page is used to configure the parameters for EasyMesh feature of your Access Point.

Device Name:	<input type="text" value="EasyMesh_Controller"/>
Role:	<input checked="" type="radio"/> Controller <input type="radio"/> Disabled
WPS Trigger:	<input type="button" value="Start PBC"/>

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

WAN

- > PON WAN

VPN

PON WAN

This page is used to configure the parameters for PONWAN.

nas0_0	
Enable VLAN:	<input checked="" type="checkbox"/>
VLAN ID:	100
802.1p_Mark	
Multicast Vlan ID: [1-4095]	
Channel Mode:	IPoE
Enable Bridge:	<input type="checkbox"/>
Bridge Mode:	
Enable NAPT:	<input checked="" type="checkbox"/>
Admin Status:	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Connection Type:	INTERNET
MTU: [1280-1500]	1500
Mac Clone:	NONE
Default Route:	<input type="radio"/> Disable <input checked="" type="radio"/> Enable
Enable IGMP-Proxy:	<input type="checkbox"/>
Enable MLD-Proxy:	<input type="checkbox"/>
IP Protocol:	IPv4

WAN IP Settings:

Type:	<input type="radio"/> Fixed IP <input checked="" type="radio"/> DHCP
Local IP Address:	
Gateway:	
Subnet Mask:	
IP Unnumbered:	<input type="checkbox"/>
Request DNS:	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Primary DNS Server:	
Secondary DNS Server :	

V6inV4 Tunnel settings:

Tunnel Type:	None
--------------	------

Port Mapping:

<input type="checkbox"/> LAN_1	<input type="checkbox"/> LAN_2
<input type="checkbox"/> LAN_3	<input type="checkbox"/> LAN_4

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

- WAN
- VPN
 - > **PPTP**
 - > L2TP
 - > IPsec

PPTP VPN Configuration

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

Ps: Default Gateway only takes effect on LAN interfaces that are not bound to Port Mapping in WAN configuration.

PPTP VPN: Disable Enable

IP Protocol:	<input type="text" value="IPv4"/>
Server:	<input type="text"/>
UserName:	<input type="text"/>
Password:	<input type="text"/> <input type="checkbox"/> show password
Authentication:	<input type="text" value="Auto"/>
Encryption:	<input type="text" value="NONE"/>
Default Gateway:	<input type="checkbox"/>

PPTP Table			
Select	Interface	Server	Action

7.7.2 L2TP

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

- WAN**
- VPN**
- PPTP
- **L2TP**
- IPsec

L2TP VPN Configuration

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

Ps: Default Gateway only takes effect on LAN interfaces that are not bound to Port Mapping in WAN configuration.

L2TP VPN: Disable Enable

Name:

IP Protocol:

Server:

Tunnel Authentication:

Tunnel Authentication Secret:

PPP Authentication:

PPP Encryption:

UserName:

Password: show password

PPP Connection Type:

Idle Time (min):

MTU:

Default Gateway:

L2TP Table

Select	Name	Server	Tunnel Authentication	PPP Authentication	MTU	Default Gateway	Action
<input type="button" value="Delete Selected"/>							

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

- Services**
- **DHCP**
- Dynamic DNS
- IGMP Proxy
- UPnP
- RIP
- DMS
- Samba

Firewall

DHCP Settings

This page is used to configure DHCP Server and DHCP Relay.

DHCP Mode: NONE DHCP Relay DHCP Server DHCP Client

Enable the DHCP Server if you are using this device as a DHCP server. This page lists the IP address pools available to hosts on your LAN. The device distributes numbers in the pool to hosts on your network as they request Internet access.

LAN IP Address: 192.168.1.1 Subnet Mask: 255.255.255.0

IP Pool Range: -

Subnet Mask:

Max Lease Time: seconds (-1 indicates an infinite lease)

DomainName:

Gateway Address:

DNS option: Use DNS Proxy Set Manually

7.8.2 Dynamic DNS

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

[Logout](#)
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Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics
--------	-----	------	-----	----------	------	---------	-------------	-------	------------

Services

- > DHCP
- > **Dynamic DNS**
- > IGMP Proxy
- > UPnP
- > RIP
- > DMS
- > Samba

Firewall

Dynamic DNS Configuration

This page is used to configure the Dynamic DNS address from DynDNS.org or TZO or No-IP. Here you can Add/Remove to configure Dynamic DNS.

Enable:	<input checked="" type="checkbox"/>
DDNS Provider:	DynDNS.org ▼
Hostname:	<input type="text"/>
Interface:	nas0_0 ▼

DynDns/No-IP Settings	
UserName:	<input type="text"/>
Password:	<input type="password"/> <input type="checkbox"/> show password

TZO Settings	
Email:	<input type="text"/>
Key:	<input type="password"/> <input type="checkbox"/> show password

Dynamic DNS Table					
Select	State	Hostname	Username	Service	Status

7.8.3 IGMP Proxy

This page is used to configure IGMP Proxy.

[Logout](#)
Firmware ver. V4.0.0-241113

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

Services

- > DHCP
- > Dynamic DNS
- > **IGMP Proxy**
- > UPnP
- > RIP
- > DMS
- > Samba

Firewall

IGMP Proxy Configuration

IGMP proxy enables the system to issue IGMP host messages on behalf of hosts that the system discovered through standard IGMP interfaces. The system acts as a proxy for its hosts when you enable it by doing the follows:

1. Enable IGMP proxy on WAN interface (upstream), which connects to a router running IGMP.
2. Enable IGMP on LAN interface (downstream), which connects to its hosts.

IGMP Robust Count:	<input type="text" value="2"/>
Last Member Query Count:	<input type="text" value="2"/>
Query Interval:	<input type="text" value="15"/> (seconds)
Query Response Interval:	<input type="text" value="100"/> (*100ms)
Group leave delay:	<input type="text" value="2000"/> (ms)

7.8.4 UPnP

This page is used to configure UPnP.

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

Services

- › DHCP
- › Dynamic DNS
- › IGMP Proxy
- › **UPnP**
- › RIP
- › DMS
- › Samba

Firewall

UPnP Configuration

This page is used to configure UPnP. The system acts as a daemon when you enable it and select WAN interface (upstream) that will use UPnP.

UPnP: Disable Enable

WAN Interface:

UPnP Current Port Forwarding Table				
Comment	Local IP	Protocol	Local Port	Remote Port
<input type="button" value="Refresh"/>				

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.

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

Services

- › DHCP
- › Dynamic DNS
- › IGMP Proxy
- › UPnP
- › **RIP**
- › DMS
- › Samba

Firewall

RIP Configuration

Enable the RIP if you are using this device as a RIP-enabled Device to communicate with others using the Routing Information Protocol. This page is used to select the interfaces on your device is that use RIP, and the version of the protocol used.

Routing Protocol:

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.

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

Services

Firewall

- > ALG
- > IP/Port Filtering
- > MAC Filtering
- > Port Forwarding
- > URL Blocking
- > Domain Blocking
- > Parental Control
- > DMZ

NAT ALG and Pass Through Configuration

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

ALG Type		Enable	Disable
FTP		<input checked="" type="radio"/>	<input type="radio"/>
TFTP		<input checked="" type="radio"/>	<input type="radio"/>
H323		<input checked="" type="radio"/>	<input type="radio"/>
L2TP		<input checked="" type="radio"/>	<input type="radio"/>
IPSec		<input checked="" type="radio"/>	<input type="radio"/>
SIP		<input checked="" type="radio"/>	<input type="radio"/>
PPTP		<input checked="" type="radio"/>	<input type="radio"/>

Apply Changes

7.9.2 IP/Port filtering

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

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

Services

Firewall

- > ALG
- > IP/Port Filtering
- > MAC Filtering
- > Port Forwarding
- > URL Blocking
- > Domain Blocking
- > Parental Control
- > DMZ

IP/Port Filtering

Entries in this table are used to restrict certain types of data packets through the Gateway. Use of such filters can be helpful in securing or restricting your local network.

Outgoing Default Action: Deny Allow

Incoming Default Action: Deny Allow

Apply Changes

Direction: Outgoing Protocol: TCP Rule Action: Deny Allow

Source IP Address: Subnet Mask: Port: -

Destination IP Address: Subnet Mask: Port: -

Add

Current Filter Table								
Select	Direction	Protocol	Source IP Address	Source Port	Destination IP Address	Destination Port	Interface	Rule Action
<p>Delete Selected Delete All</p>								

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.

[Status](#) | [LAN](#) | [WLAN](#) | [WAN](#) | **Services** | [VoIP](#) | [Advance](#) | [Diagnostics](#) | [Admin](#) | [Statistics](#)

Services

Firewall

- > ALG
- > IP/Port Filtering
- > **MAC Filtering**
- > Port Forwarding
- > URL Blocking
- > Domain Blocking
- > Parental Control
- > DMZ

MAC Filtering for bridge mode

Entries in this table are used to restrict certain types of data packets from your local network to Internet through the Gateway. Use of such filters can be helpful in securing or restricting your local network. If you configure the device to be in routing mode, it is recommended to only use the source address to set deny and allow rules.

Outgoing Default Action: Deny Allow

Incoming Default Action: Deny Allow

Apply Changes

Direction: Outgoing

Source MAC Address:

Destination MAC Address:

Rule Action: Deny Allow

Add

Current Filter Table				
Select	Direction	Source MAC Address	Destination MAC Address	Rule Action
<input type="button" value="Delete Selected"/> <input type="button" value="Delete All"/>				

7.9.4 Port forwarding

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

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[Status](#) | [LAN](#) | [WLAN](#) | [WAN](#) | **Services** | [VoIP](#) | [Advance](#) | [Diagnostics](#) | [Admin](#) | [Statistics](#)

Services

Firewall

- > ALG
- > IP/Port Filtering
- > MAC Filtering
- > **Port Forwarding**
- > URL Blocking
- > Domain Blocking
- > Parental Control
- > DMZ

Port Forwarding

Entries in this table allow you to automatically redirect common network services to a specific machine behind the NAT firewall. These settings are only necessary if you wish to host some sort of server like a web server or mail server on the private local network behind your Gateway's NAT firewall.

Port Forwarding: Disable Enable

Enable Application: Active Worlds

Comment	Local IP	Local Port from	Local Port to	Protocol	Remote IP	Remote Port from	Remote Port to	Interface
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			
<input style="width: 80%;" type="text"/>	Both	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	Any			

Add

Current Port Forwarding Table								
Select	Comment	Local IP Address	Protocol	Local Port	Enable	Remote Host	Public Port	Interface
<input type="button" value="Delete Selected"/> <input type="button" value="Delete All"/>								

7.9.5 URL Blocking

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

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

URL Blocking

This page is used to configure the Blocked FQDN(Such as tw.yahoo.com) and filtered keyword. Here you can add/delete FQDN and filtered keyword.

URL Blocking: Disable Enable Apply Changes

FQDN: Add

URL Blocking Table	
Select	FQDN
Delete Selected Delete All	

Keyword: Add

Keyword Filtering Table	
Select	Filtered Keyword
Delete Selected Delete All	

7.9.6 Domain Blocking

Entries This page is used to configure the Blocked domain.

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

[Logout](#)
Firmware ver. V4.0.0-241113

Domain Blocking Configuration

This page is used to configure the Blocked domain. Here you can add/delete the blocked domain.

Domain Blocking: Disable Enable Apply Changes

Domain: Add

Domain Blocking Configuration	
Select	Domain
Delete Selected Delete All	

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.

[Logout](#)
Firmware ver. V4.0.0-241113

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

Services

Firewall

- > ALG
- > IP/Port Filtering
- > MAC Filtering
- > Port Forwarding
- > URL Blocking
- > Domain Blocking
- > Parental Control
- > DMZ

Parental Control

Entries in this table are used to restrict access to Internet from your local PCs/devices by mac address and time interval. Use of such filters can be helpful for parents to control children's usage of Internet.

Parental Control: Disable Enable [Apply Changes](#)

UserName:

MAC Address: (ex. 00e086710502)

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Controlled Days:	<input type="checkbox"/>						

Start Blocking time: :

End Blocking time: :

[Add](#)

Current Parent Control Table											
Name	MAC Address	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Start	End	Select
Delete Selected Delete All											

7.9.8 DMZ

This page is used to configure DMZ.

[Logout](#)
Firmware ver. V4.0.0-241113

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

Services

Firewall

- > ALG
- > IP/Port Filtering
- > MAC Filtering
- > Port Forwarding
- > URL Blocking
- > Domain Blocking
- > Parental Control
- > DMZ

DMZ Configuration

A Demilitarized Zone is used to provide Internet services without sacrificing unauthorized access to its local private network. Typically, the DMZ host contains devices accessible to Internet traffic, such as Web (HTTP) servers, FTP servers, SMTP (e-mail) servers and DNS servers.

DMZ Host: Disable Enable

DMZ Host IP Address:

[Apply Changes](#)

7.10 Advance

This sub menu provides five options:

7.10.1 ARP table

This table shows a list of learned MAC addresses.

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

Advance

- › ARP Table
- › Bridging
- › Loop Detection
- › Routing
- › SNMP
- › Print Server

IP QoS

IPv6

User List

This table shows a list of learned MAC addresses.

IP Address	MAC Address
192.168.1.2	e4-a8-df-c4-16-95

[Refresh](#)

7.10.2 Bridging

This page is used to configure the bridge parameters.

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

Advance

- › ARP Table
- › **Bridging**
- › Loop Detection
- › Routing
- › SNMP
- › Print Server

IP QoS

IPv6

Bridging Configuration

This page is used to configure the bridge parameters. Here you can change the settings or view some information on the bridge and its attached ports.

Ageing Time:	<input type="text" value="7200"/>	(seconds)
802.1d Spanning Tree:	<input checked="" type="radio"/> Disabled <input type="radio"/> Enabled	

[Apply Changes](#) [Show MACs](#)

7.10.3 Routing

This page is used to configure the routing information.

[Logout](#)

Firmware ver. V4.0.0-241113

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

Advance

- > ARP Table
- > Bridging
- > Loop Detection
- > **Routing**
- > SNMP
- > Print Server

IP QoS

IPv6

Routing Configuration

This page is used to configure the routing information. Here you can add/delete IP routes.

Enable:	<input checked="" type="checkbox"/>
Destination:	<input type="text"/>
Subnet Mask:	<input type="text"/>
Next Hop:	<input type="text"/>
Metric:	<input type="text"/>
Interface:	Any <input type="button" value="v"/>

Static Route Table						
Select	State	Destination	Subnet Mask	Next Hop	Metric	Interface

7.10.4 Print Server

This page is used to show printer URL(s)

[Logout](#)

Firmware ver. V4.0.0-241113

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

Advance

- > ARP Table
- > Bridging
- > Loop Detection
- > Routing
- > SNMP
- > **Print Server**

IP QoS

IPv6

Printer URL(s)

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 classification rule.

[Logout](#)
Firmware ver. V4.0.0-241113

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

Advance

IP QoS

- > QoS Policy
- > **QoS Classification**
- > Traffic Shaping

IPv6

QoS Classification

This page is used to add or delete classification rule. (After add a new rule, please click 'Apply Changes' to take effect.)

ID	Name	Order	Mark		Classification Rules			Delete	Edit
			DSCP Mark	802.1p	Queue	Wanlf	Rule Detail		
Add Apply Changes									

7.12 IPv6

This sub menu provides eight options:

7.12.1 IPv6 Configuration

This page is used to configure IPv6 enable/disable.

[Logout](#)
Firmware ver. V4.0.0-241113

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

Advance

IP QoS

IPv6

- > **IPv6 Enable/Disable**
- > RADVD
- > DHCPv6
- > MLD Proxy
- > MLD Snooping
- > IPv6 Routing
- > IP/Port Filtering
- > IPv6 ACL

IPv6 Configuration

This page be used to configure IPv6 enable/disable.

IPv6: Disable Enable

Apply Changes

7.12.2 DHCPv6

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

[Status](#) | [LAN](#) | [WLAN](#) | [WAN](#) | [Services](#) | [VoIP](#) | **Advance** | [Diagnostics](#) | [Admin](#) | [Statistics](#)

Advance

IP QoS

IPv6

- > IPv6 Enable/Disable
- > RADVD
- > **DHCPv6**
- > MLD Proxy
- > MLD Snooping
- > IPv6 Routing
- > IP/Port Filtering
- > IPv6 ACL

DHCPv6 Settings

This page is used to configure DHCPv6 Server and DHCPv6 Relay.

DHCPv6 Mode: NONE DHCPRelay DHCPv6Server

DHCPv6 Server Type: Auto Manual

Auto Config by Prefix Delegation for DHCPv6 Server.

[Apply Changes](#) [Show Client](#)

NTP Server IP: [Add](#)

NTP Server Table	
Select	NTP Server
<input type="checkbox"/>	

[Delete Selected](#) [Delete All](#)

Hostname: [Add](#)

MAC Address: (ex. 00E086710502)

IP Address:

MAC Binding Table			
Select	Host Name	MAC Address	IP Address
<input type="checkbox"/>			

[Delete Selected](#) [Delete All](#)

7.123 MLD Proxy

This page is used to add or configure MLD proxy.

[Logout](#)

Firmware ver. V4.0.0-241113

[Status](#) | [LAN](#) | [WLAN](#) | [WAN](#) | [Services](#) | [VoIP](#) | **Advance** | [Diagnostics](#) | [Admin](#) | [Statistics](#)

Advance

IP QoS

IPv6

- > IPv6 Enable/Disable
- > RADVD
- > DHCPv6
- > **MLD Proxy**
- > MLD Snooping
- > IPv6 Routing
- > IP/Port Filtering
- > IPv6 ACL

MLD Proxy Configuration

This page be used to configure MLD Proxy.

Robust Count:

Query Interval: (Second)

Query Response Interval: (millisecond)

Response Interval of Last Group Member: (Second)

[Apply Changes](#)

7.124 MLD snooping

This page is used to add or configure MLD snooping.

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

Advance
IP QoS
IPv6
> IPv6 Enable/Disable
> RADVD
> DHCPv6
> MLD Proxy
> MLD Snooping
> IPv6 Routing
> IP/Port Filtering
> IPv6 ACL

MLD Snooping Configuration

This page be used to configure MLD Snooping.

MLD Snooping: Disable Enable

Apply Changes

7.12.5 IPv6 routing

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

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

Advance
IP QoS
IPv6
> IPv6 Enable/Disable
> RADVD
> DHCPv6
> MLD Proxy
> MLD Snooping
> IPv6 Routing
> IP/Port Filtering
> IPv6 ACL

IPv6 Static Routing Configuration

This page is used to configure the IPv6 static routing information. Here you can add/delete static IP routes.

Enable:	<input checked="" type="checkbox"/>
Destination:	<input type="text"/>
Next Hop:	<input type="text"/>
Metric:	<input type="text"/>
Interface:	Any ▾

Add Route **Update** **Delete Selected** **Delete All** **Show Routes**

Select	State	Destination	Next Hop	Metric	Interface
--------	-------	-------------	----------	--------	-----------

7.12.6 IPv6 filtering

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

- Advance**
- IP QoS
- IPv6**
 - > IPv6 Enable/Disable
 - > RADVD
 - > DHCPv6
 - > MLD Proxy
 - > MLD Snooping
 - > IPv6 Routing
 - > **IP/Port Filtering**
 - > IPv6 ACL

IPv6 IP/Port Filtering

Entries in this table are used to restrict certain types of data packets through the Gateway. Use of such filters can be helpful in securing or restricting your local network.

Outgoing Default Action: Deny Allow

Incoming Default Action: Deny Allow

Apply Changes

Direction:

Protocol:

Rule Action: Deny Allow

Source IP Address: -

Source Prefix Length:

Destination IP Address: -

Destination Prefix Length:

Source Port: -

Destination Port: -

Add

Select	Direction	Protocol	Source IP Address	Source Port	Destination IP Address	Destination Port	Interface	Rule Action
Current Filter Table								

Delete Selected Delete All

7.12.7 IPv6 ACL

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

- Advance**
- IP QoS
- IPv6**
 - > IPv6 Enable/Disable
 - > RADVD
 - > DHCPv6
 - > MLD Proxy
 - > MLD Snooping
 - > IPv6 Routing
 - > IP/Port Filtering
 - > **IPv6 ACL**

IPv6 ACL Configuration

This page is used to configure the IPv6 Address for Access Control List. If ACL is enabled, only the IP address in the ACL Table can access CPE. Here you can add/delete the IP Address.

IPv6 ACL Capability: Disable Enable

Enable:

Interface:

Source IP Address:

Source Prefix Length:

ServiceName	LAN
Any	<input type="checkbox"/>
TELNET	<input type="checkbox"/>
FTP	<input type="checkbox"/>
TFTP	<input type="checkbox"/>
HTTP	<input type="checkbox"/>
HTTPS	<input type="checkbox"/>
SSH	<input type="checkbox"/>
PING	<input checked="" type="checkbox"/>

Add Update Edited

Select	State	Interface	IP Address	Services	Port
Current ACL Table					

Delete Selected

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.

The screenshot shows the 'Diagnostics' menu with 'Ping' selected. The main content area is titled 'Ping Diagnostics' and includes a description: 'This page is used to send ICMP ECHO_REQUEST packets to network host. The diagnostic result will then be displayed.' Below this is a form with two fields: 'Host Address:' with an empty text input box, and 'WAN Interface:' with a dropdown menu set to 'Any'. A 'Start' button is located below the form. The top navigation bar includes 'Status', 'LAN', 'WLAN', 'WAN', 'Services', 'VoIP', 'Advance', 'Diagnostics', 'Admin', and 'Statistics'. The firmware version 'V4.0.0-241113' and a 'Logout' link are visible in the top right corner.

7.13.2 Ping6

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

The screenshot shows the 'Diagnostics' menu with 'Ping6' selected. The main content area is titled 'Ping6 Diagnostics' and includes a description: 'This page is used to send ICMPv6 ECHO_REQUEST packets to network host. The diagnostic result will then be displayed.' Below this is a form with two fields: 'Host Address:' with an empty text input box, and 'WAN Interface:' with a dropdown menu set to 'Any'. A 'Start' button is located below the form. The top navigation bar includes 'Status', 'LAN', 'WLAN', 'WAN', 'Services', 'VoIP', 'Advance', 'Diagnostics', 'Admin', and 'Statistics'. The firmware version 'V4.0.0-241113' and a 'Logout' link are visible in the top right corner.

7.13.3 Traceroute

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

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

Diagnostics
‣ Ping
‣ Ping6
‣ Tracert
‣ Tracert6

Traceroute Diagnostics

This page is used to print the route packets trace to network host. The diagnostic result will then be displayed.

Protocol:	ICMP ▾
Host Address:	<input type="text"/>
Number Of Tries:	<input type="text" value="3"/>
Time out:	<input type="text" value="5"/> s
Data Size:	<input type="text" value="56"/> Bytes
DSCP:	<input type="text" value="0"/>
Max HopCount:	<input type="text" value="30"/>
WAN Interface:	Any ▾

Start

7.13.4 Traceroute6

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

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

Diagnostics
‣ Ping
‣ Ping6
‣ Tracert
‣ Tracert6
‣ TR069 diagnosis

Traceroute6 Diagnostics

This page is used to print the route packets trace to network host. The diagnostic result will then be displayed.

Host Address:	<input type="text"/>
NumberOfTries:	<input type="text" value="3"/>
timeout:	<input type="text" value="5"/> s
Datasize:	<input type="text" value="56"/> Bytes
DSCP:	<input type="text" value="0"/>
MaxHopCount:	<input type="text" value="30"/>
WAN Interface:	Any ▾

Start

7.13.5 TR069

This page is used to inform TR069 by manual.

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

Diagnostics
› Ping
› Ping6
› Tracert
› Tracert6

Traceroute6 Diagnostics

This page is used to print the route packets trace to network host. The diagnostic result will then be displayed.

Host Address:	<input type="text"/>
NumberOfTries:	<input type="text" value="3"/>
timeout:	<input type="text" value="5"/> s
Datasize:	<input type="text" value="56"/> Bytes
DSCP:	<input type="text" value="0"/>
MaxHopCount:	<input type="text" value="30"/>
WAN Interface:	<input type="text" value="Any"/>

Start

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.

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

Admin
› GPON Settings
› OMCI Information
› Commit/Reboot
› Multi-lingual Settings
› Backup/Restore
› System Log
› Scheduled reboot
› Led Timing
› DOS
› Password
› Firmware Upgrade
› ACL
› Time Zone
› TR-069
› Logout

GPON Settings

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

LOID:	<input type="text"/>
LOID Password:	<input type="text"/>
PLOAM Password:	<input type="text" value="1234567890"/>
Serial Number:	GP241100004
Device Type:	<input type="text" value="router"/>
OMCI OLT Mode:	<input type="text" value="Default Mode"/>

Apply Changes

7.14.2 Commit/Reboot

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

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

Admin

- > GPON Settings
- > OMCI Information
- > **Commit/Reboot**
- > Multi-lingual Settings
- > Backup/Restore
- > System Log
- > Scheduled reboot
- > Led Timing
- > DOS
- > Password
- > Firmware Upgrade
- > ACL
- > Time Zone
- > TR-069
- > Logout

Commit and Reboot

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

Commit and Reboot:

7.143 Backup/Restore

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

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

Admin

- > GPON Settings
- > OMCI Information
- > Commit/Reboot
- > **Backup/Restore**
- > System Log
- > Scheduled reboot
- > Led Timing
- > DOS
- > Password
- > Firmware Upgrade
- > ACL
- > Time Zone
- > TR-069
- > Logout

Backup and Restore Settings

This page allows you to backup current settings to a file or restore the settings from the file which was saved previously. Besides, you could reset the current settings to factory default.

Backup Settings to File:

Restore Settings from File: 未选择任何文件

Reset Settings to Default:

7.144 Multi-lingual Setting

This page is used to set multi-lingual.

[Logout](#)
Firmware ver. V4.0.0-241113

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

Admin

- › GPON Settings
- › OMCI Information
- › Commit/Reboot
- › **Multi-lingual Settings**
- › Backup/Restore
- › System Log
- › Scheduled reboot
- › Led Timing
- › DOS
- › Password
- › Firmware Upgrade
- › ACL
- › Time Zone
- › TR-069
- › Logout

Multi-Lingual Setting

This page is used to set multi-lingual.

Language Select:

7.14.5 DOS

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

[Logout](#)
Firmware ver. V4.0.0-241113

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

Admin

- › GPON Settings
- › OMCI Information
- › Commit/Reboot
- › Multi-lingual Settings
- › Backup/Restore
- › System Log
- › Scheduled reboot
- › Led Timing
- › **DOS**
- › Password
- › Firmware Upgrade
- › ACL
- › Time Zone
- › TR-069
- › Logout

DoS Configuration

DoS (Denial-of-Service) attack which is launched by hacker aims to prevent legal user from taking normal services. In this page you can configure to prevent some kinds of DOS attack.

Enable DoS Block

Whole System Flood: FIN

Whole System Flood: ICMP

IP Land

TCP Scan

TCP SynWithData

UDP Bomb

7.14.6 Password

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

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

Admin

- > GPON Settings
- > OMCI Information
- > Commit/Reboot
- > Multi-lingual Settings
- > Backup/Restore
- > System Log
- > Scheduled reboot
- > Led Timing
- > DOS
- > **Password**
- > Firmware Upgrade
- > ACL
- > Time Zone
- > TR-069
- > Logout

Password Configuration

This page is used to set the account to access the web server of your Device. Empty user name and password will disable the protection.

UserName:	<input type="text" value="admin"/>
Old Password:	<input type="password"/>
New Password:	<input type="password"/>
Confirmed Password:	<input type="password"/>

7.14.7 Firmware Upgrade

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

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

Admin

- > GPON Settings
- > OMCI Information
- > Commit/Reboot
- > Multi-lingual Settings
- > Backup/Restore
- > System Log
- > Scheduled reboot
- > Led Timing
- > DOS
- > Password
- > **Firmware Upgrade**
- > ACL
- > Time Zone
- > TR-069
- > Logout

Firmware Upgrade

This page allows you upgrade the firmware to the newer version. Please note that do not power off the device during the upload because this make the system unbootable.

未选择任何文件

7.14.8 ACL

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

[Logout](#)
Firmware ver. V4.0.0

Status LAN WLAN WAN Services VoIP Advance Diagnostics Admin Statistics

Admin

- > GPON Settings
- > OMCI Information
- > Commit/Reboot
- > Multi-lingual Settings
- > Backup/Restore
- > System Log
- > DOS
- > Password
- > Firmware Upgrade
- > **ACL**
- > Time Zone
- > TR-069
- > Logout

ACL Configuration

This page is used to configure the IP Address for Access Control List. If ACL is enabled, only the IP address in the ACL Table can access CPE. Here you can add/delete the IP Address.

ACL Capability: Disable Enable

Enable:

Interface: LAN

Start IP Address:

End IP Address:

ServiceName	LAN
Any	<input type="checkbox"/>
TELNET	<input type="checkbox"/>
FTP	<input type="checkbox"/>
TFTP	<input type="checkbox"/>
HTTP	<input type="checkbox"/>
HTTPS	<input type="checkbox"/>
SSH	<input type="checkbox"/>
PING	<input checked="" type="checkbox"/>

ACL Table					
Select	State	Interface	IP Address	Services	Port
<input type="button" value="Delete Selected"/>					

7.14.9 Time zone

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

[Logout](#)
Firmware ver. V4.0.0-241113

Status LAN WLAN WAN Services VoIP Advance Diagnostics Admin Statistics

Admin

- > GPON Settings
- > OMCI Information
- > Commit/Reboot
- > Multi-lingual Settings
- > Backup/Restore
- > System Log
- > Scheduled reboot
- > Led Timing
- > DOS
- > Password
- > Firmware Upgrade
- > ACL
- > **Time Zone**
- > TR-069
- > Logout

Time Zone Configuration

You can maintain the system time by synchronizing with a public time server over the Internet.

Adjust System Time

Current Time : Year 1970 Mon 1 Day 1 Hour 10 Min 1 Sec 59

Time Zone Select : Asia/Taipei (UTC+08:00)

Enable Daylight Saving Time

Enable SNTP Client Update

WAN Interface: Any

SNTP Server 1 : pool.ntp.org

SNTP Server 2 : 172.18.18.1

7.14.10 TP069

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

Logout
Firmware ver. V4.0.0-241113

Status LAN WLAN WAN Services VoIP Advance Diagnostics Admin Statistics

Admin

- > GPON Settings
- > OMCI Information
- > Commit/Reboot
- > Multi-lingual Settings
- > Backup/Restore
- > System Log
- > Scheduled reboot
- > Led Timing
- > DOS
- > Password
- > Firmware Upgrade
- > ACL
- > Time Zone
- > TR-069
- > Logout

TR-069 Configuration

This page is used to configure the TR-069 CPE. Here you may change the setting for the ACS's parameters.

TR069 Daemon:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Enable CWMP Paramete:	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Root Data Model:	<input type="radio"/> TR-098 <input checked="" type="radio"/> TR-181

ACS

URL:	<input type="text" value="http://"/>
UserName:	<input type="text" value="username"/>
Password:	<input type="text" value="password"/>
Periodic Inform:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled
Periodic Inform Interval:	<input type="text" value="300"/>

Connection Request

Authentication:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled
UserName:	<input type="text"/>
Password:	<input type="text"/>
Path:	<input type="text" value="/tr069"/>
Port:	<input type="text" value="7547"/>

STUN Setting

STUN:	<input checked="" type="radio"/> Disabled <input type="radio"/> Enabled
STUN Server Address:	<input type="text" value="10.10.10.10"/>
STUN Server Port:	<input type="text" value="3478"/>
STUN Server User:	<input type="text" value="acs"/>
STUN Server Password:	<input type="text" value="acs"/>

Apply Undo

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.

Logout
Firmware ver. V4.0.0-241113

Status LAN WLAN WAN Services VoIP Advance Diagnostics Admin Statistics

Statistics

- > Interface
- > PON Statistics

Interface Statistics

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

Interface	Rx pkt	Rx err	Rx drop	Tx pkt	Tx err	Tx drop
LAN1	0	0	0	0	0	0
LAN2	0	0	0	0	0	0
LAN3	0	0	0	0	0	0
LAN4	25336	0	0	17732	0	0
wlan0	0	0	0	0	0	0
wlan0-vap0	0	0	0	0	0	0
wlan1	0	0	0	0	0	0
wlan1-vap0	0	0	0	0	0	0
nas0_0	0	0	0	0	0	0

Refresh

7.15.2 PON Statistics

This page shows the PON Statistics.

[Logout](#)

Firmware ver. V4.0.0-241113

Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics
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Statistics
> Interface
> PON Statistics

PON Statistics

Bytes Sent:	0
Bytes Received:	0
Packets Sent:	0
Packets Received:	0
Unicast Packets Sent:	0
Unicast Packets Received:	0
Multicast Packets Sent:	0
Multicast Packets Received:	0
Broadcast Packets Sent:	0
Broadcast Packets Received:	0
FEC Errors:	0
HEC Errors:	0
Packets Dropped:	0
Pause Packets Sent:	0
Pause Packets Received:	0

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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