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
operating environment	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)
Button	+1*USB 1*Deset Button 1*WDS/Wifi Button
	DWP DON LOS LAN 24C 5C EYS
Antenna	4*5dBi external antenna
Antenna	
GPON standard	110 0.304
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
	2.4GHz:574Mbps;
	5GHz:2402Mbps
Bandwidth	2.4G :20/40 MHz
	OFDMA(BPSK/OPSK/160AM/640AM/2560AM/1024)
Data Modulation	
Encryption method	WEP/WPA2/WPA2 mixture/WPA3 mixture
	OFDMA/MU-MIMO/Beamforming
Features	80MHz bandwidth
	256QAM
	PPPOE/Static IP/DHCP Multiple SSID
	Virtual server/HPnP
	VPN/PPTP/I 2TP
	Parental control
	Firewall
Application functions	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.					
		Solid on	The ONT is registered successfully.					
PON	Green	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.					
		Solid on	The LAN port is connected properly, but no data is being transmitted over the corresponding port.					
LAN	Green	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.					
2.40	Croon	Solid on	The 2.4G Wi-Fi network is enabled.					
2.40	Green	Blinking	The WPS is negotiating.					
		Off	The Wi-Fi network is disabled.					
50	.	Solid on	The 5G Wi-Fi network is enabled.					
50	GIEEII	Blinking	The WPS is negotiating.					
		Off	The Wi-Fi network is disabled.					
		Solid	The ONT is registered with IMS, but no data is being					
	_	on	transmitted.					
FXS	Green	Green	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.

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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 $\leq 2m$.
- 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° C to $+70^{\circ}$ C; 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.

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.

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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 \sim 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.

Click Login

6	Input username and password						
UserName: Password:							
	Login						
Lang	uage 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.
- Set Channel Mode to PPPoE.
- **5** Set Connection Type to **INTERNET**.
- **6** Enter the PPPoE **User Name** and **Password** provided by your ISP.
- Set other parameters according to your ISP and your own need.
- B 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	
			PON W	AN						
WAN			This page	is used to configu	ire the param	eters for PONV	/AN.			
> PON WAR	v		nas0_	0 🗸						
			Enable	VLAN:						
VPN			VLAN I):		100				
			802.1p_	Mark		~				
			Multica	st Vlan ID: [1-409	5]					
			Channe	I Mode:		PPPoE 🗸				
			Enable	Bridge: 🗌						
			Bridge	Mode:				~		
			Enable							
			Admin	Status:		Enable ODis	sable			
			Connec	tion Type:		INTERNET	~			
			MTU: [1	280-1492]		1492				
			Mac Clo	one:		NONE	~			
			Default	Route:		ODisable OEr	nable			
			Enable	IGMP-Proxy:						
			Enable	MLD-Proxy:						
			IP Proto	ocol:		IPv4	~			
			PPP S	ettings:						
			UserNa	me:	•••••		111	1		
			Passwo	ord:			••• 🛛 🖓	how password		
			Туре:				Continuous	~		
			Idle Tim	ie (sec):						
			Authen	tication Method:			AUTO 🗸			
			AC-Nan	ne:						
			Service	-Name:						
			V6inV	4 Tunnel setting	IS:					
			Tunnel	Туре:		None	• •			
			Port N	lapping:						
			LAN_	1			✓LAN_2			
				3			✓LAN_4			
			Apply C	hanges D	elete					

6.1.3 Set the Wi-Fi Configuration

Choose WLAN > WLAN0 (5GHz) or WLAN1(2.4GHz)

2 Choose Basic Settings, You can change the band/SSID/Channel Width, etc.

itatus	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics	
			WLAN E This page i	Basic Setting	IS re the param	neters for WLAN cli	ents which may conne	ect to your Acce	ss Point. Here you	ı may change
vlan0 (5GH	Hz)		wireless er	ncryption settings	as well as w	ireless network par	ameters.			
Basic Se	ettings		🗆 Disal	ble WLAN Interfa	се					
: Advanced Settings			Band:	Band: 5 GHz (A+N+AC+AX) V						
Security	/		Mode:		AF	P ✔ [M	lultiple APs			
Access	Control		S SID:		5G	_B5CA_SSID				
WPS			Channel	Width:	20	/40/80/160MHz 🗸]			
Status			Control	Sideband:	AL	ito 🗸				
			Channel	Number:	Au	ito(DFS) 🗸				
wlan1 (2.40	GHz)		Radio Po	ower (%):	10	0% 🗸				
			Associated Clients: Show Active WLAN Clients							
asy Mesh Choo Status	SE Seci	u rity, Y wlan	Associat Apply Ch OU CAN WAN	ted Clients: hanges Change t Services		cryption/P	Pre-Shared I Diagnostics	Key, etc	Statistics	
Easy Mesh Choo Status	SE Seci	u rity, Y wlan	Associat Apply Cf OU CAN WAN WLAN This page	ted Clients: hanges change t Services Security Setti allows you setup	he End VolP tings the WLAN s	Cryption/P	Pre-Shared I Diagnostics	Key, etc	Statistics	/ unauthorize
Easy Mesh Choo Status wlan0 (5G)	SE Seci Lan	u rity, Y wlan	Associat Apply Cl OU CAN WAN WLAN This page access to	ted Clients: hanges change t Services Security Sett allows you setup your wireless net	he End VolP tings the WLAN s work.	Cryption/P	Pre-Shared I Diagnostics EP or WPA by using E	(ey, etc Admin	Statistics	 / unauthorize
Easy Mesh Choo Status wlan0 (5Gi > Basic S	SE Sect LAN Hz)	u rity, Y wlan	Associat Apply Cf OU CAN WAN WLAN This page access to SSID Ty	ted Clients: hanges change t Services Security Setu allows you setup your wireless networks	he End VoIP tings the WLAN s work.	Cryption/P Advance	Diagnostics EP or WPA by using E B5CA_SSID	Cey, etc Admin	Statistics	 y unauthorize
Easy Mesh Choo Status wlan0 (5Gi > Basic S > Advanc	SE Seci LAN Hz) ettings	u rity, Y wlan	Associat Apply CP OU CAN WAN WLAN This page access to SSID Ty Encrypt	ted Clients: hanges change t Services Security Sett allows you setup your wireless netw rpe: tion:	he Enc volP tings the WLAN s work.	Cryption/P Advance Root AP - 5G_ WPA2 Mixed	Pre-Shared I Diagnostics EP or WPA by using E B5CA_SSID ~	(ey, etc Admin	Statistics	 v unauthorize
Easy Mesh Choo Status wlan0 (5Gl > Basic S > Advanc > Security	SE SECULAN	wlan	Associat Apply Cf OU CAN WAN WLAN This page access to SSID Ty Encrypt WPA Cit	ted Clients: hanges change t Services Security Settl allows you setup your wireless netw rpe: tion: pher Suite:	tings work.	Advance Advance Recurity. Turn on W Root AP - 5G_1 WPA2 Mixed	Pre-Shared I Diagnostics EP or WPA by using E B5CA_SSID ~	Cey, etc Admin Conception Keys	Statistics	/ unauthorize
Easy Mesh Choo Status wlan0 (5G) > Basic S > Advanc > Security > Access	SE SECI LAN Hz) ettings ed Settings y Control	urity, Y wlan	Associat Apply CP OU CAN WAN This page access to SSID Ty Encrypt WPA Cit WPA Cit	ted Clients: hanges change t Services Security Setti allows you setup your wireless netw rpe: tion: pher Suite: Cipher Suite:	tings work.	Advance Advance Recurity. Turn on W Root AP - 5G_ WPA2 Mixed TKIP AES	Pre-Shared I Diagnostics EP or WPA by using E B5CA_SSID ~	(ey, etc Admin	Statistics	 v unauthorize
Choo Status wlan0 (5Gi > Basic S > Advanc > Security > Access > WPS	SE SECI LAN Hz) settings sed Settings y Control	u rity, Y wlan	Associat Apply Cf OU CAN WAN WLAN This page access to SSID Ty Encrypt WPA Cit WPA2 Ci Group H	ted Clients: hanges change t Services Security Sett allows you setup your wireless netw rpe: tion: pher Suite: Cipher Suite: Key Update Time	tings the WLAN swork.	Advance Advance Advance Recurity. Turn on W Root AP - 5G_1 WPA2 Mixed TKIP AES 86400	Pre-Shared I Diagnostics EP or WPA by using E B5CA_SSID ~	Key, etc Admin	Statistics	 v unauthorize
Easy Mesh Choo Status wlan0 (5G) > Basic S > Advanc > Security > Access > WPS > Status	ASE SECI LAN Hz) Hz Settings Red Settings y Control	urity, Y wlan	Associat Apply CP OU CAN WAN This page access to SSID Ty Encrypt WPA Cit WPA2 C Group P Pre-Sha	ted Clients: hanges change t Services Security Sett allows you setup your wireless netw rpe: tion: pher Suite: Cipher Suite: Key Update Time ared Key Format:	tings the WLAN swork.	Advance Advance Advance Recurity. Turn on W Root AP - 5G_1 WPA2 Mixed TKIP AES 86400 Passphrase	Clients	Key, etc Admin	Could prevent any	/ unauthorize
Choo Status vlan0 (5G > Basic S > Advanc > Security > Access > WPS > Status	SE SECI LAN Hz) eettings eed Settings y Control	urity, Y wlan	Associat Apply CP OU CAN WAN This page access to SSID Ty Encrypt WPA Cit WPA Cit WPA Cit WPA Cit Pre-Sha Pre-Sha	ted Clients: hanges change t Services Security Sett allows you setup your wireless netw rpe: tion: pher Suite: Cipher Suite: Key Update Time ared Key Format: ared Key:	tings the WLAN swork.	IN IN ACTIVE WLAN C Cryption/P Advance Recurity. Turn on W Root AP - 5G_1 WPA2 Mixed TKIP AES 86400 Passphrase 	Pre-Shared I Diagnostics EP or WPA by using E B5CA_SSID	Key, etc Admin	Could prevent any	/ unauthorize
Choo Status wlan0 (5Gl > Basic S > Advanc > Security > Access > WPS > Status wlan1 (2.4	SE Seci LAN Hz) Hz Settings ed Settings y Control	urity, Y wlan	Associat Apply CP OU CAN WAN This page access to SSID Ty Encrypt WPA Cit WPA2 C Group P Pre-Sha Pre-Sha	ted Clients: hanges change t Services Security Sett allows you setup your wireless netw rpe: tion: pher Suite: Cipher Suite: Key Update Time ared Key Format: ared Key: thanges	tings the WLAN swork.	IN Active WLAN C Cryption/P Advance Recurity. Turn on W Root AP - 5G_1 WPA2 Mixed TKIP AES 86400 Passphrase 	Clients	Key, etc Admin	Statistics	y unauthorize

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:

2	Input username and password
UserName: Password:	
	Login
Lang	uage Select: English 🗸

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	s VolP	Advance	e Diagno	ostics Admin	Statistics		
			Device This page	Status shows the cu	irrent status and so	ome basic se	ttings of the devic	Ce.			
Status			System	n							
> Device			Device	Name			GP854GVR-V3				
> IPv6			Uptime	unic			59 min				
> PON			Firmwar	e Version		,	V4.0.0-241113				
s LAN Port	•		CPU Us	age		(6%				
ZANTON			Memory	Usage		(37%				
> VoIP			Name S	ervers							
> TR069			IPv4 Det	fault Gatewa	у						
			IPv6 Def	fault Gatewa	У						
			LAN C	onfiguratio	n						
			IP Addre	ss			192.168.1.1				
			Subnet	Mask		:	255.255.255.0				
			DHCP S	erver		1	Enabled				
			MAC Address 4C2EFE26B5CA								
			WANC	Configuratio	n						
			Interface	VLAN ID	MAC	Connection Type	n Protocol	IP Address	Gateway	Status	
			nas0_0	100	4c:2e:fe:26:b5:cb	INTERNET	I IPoE			down Connect	
			PPTP (Configurati	on						
			Inter	face	Protocol	IP A	ddress	Gateway		Status	
			L2TP (Configuratio	on						
			Inter	face	Protocol	Local I	P Address	Remote IP Add	iress	Status	
			Refresh								

7.2 Logout to the Web UI

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

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									Firmware ve	<u>Logout</u> er. V4.0.0-241113		
Status	LAN	WLAN	WAN	Services	VoIP	Advance	e Diagno	ostics Admin	Statistics			
			Device This page	Status shows the cu	rrent status and so	ome basic set	tings of the devi	ce.				
Status			System	ı			-					
> Device			Device N	lame		(3P854GVR-V3					
> IPv6			Uptime			5	i9 min					
> PON			Firmwar	e Version		١	/4.0.0-241113					
> LAN Port	t		CPU Usa	ige		(5%					
• VolP			Memory	Usage			37%					
7 1017			Name Se	ervers								
> TR069			IPv4 Def	ault Gateway	у							
				ault Gatewa	у							
				onfiguration	ı							
			IP Addre	SS		1	92.168.1.1					
			Subnet	Mask		2	255.255.255.0					
			DHCP Se	erver		E	Enabled					
			MAC Ad	dress		4	C2EFE26B5CA	E26B5CA				
			WAN C	onfiguratio	n							
			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 (Configuratio	on							
			Inter	face	Protocol	IP A	ddress	Gateway		Status		
			L2TP C	onfiguratio	'n					eway Status down Connect Status Status		
			Inter	face	Protocol	Local I	Address	Remote IP Add	iress	Status		
			Refresh									

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.

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									Firmware v	<u>Logout</u> er. V4.0.0-241113			
Status	LAN	WLAN	WAN	Services	VoIP	Advanc	e Diagno	ostics Admin	Statistics				
			Device This page s	Status shows the cu	rrent status and so	ome basic se	ettings of the devic	ce.					
Status			System										
> Device			Device N	Device Name GP854GVR-V3									
> IPv6			Uptime				59 min						
> PON			Firmware	e Version			V4.0.0-241113						
> LAN Port			CPU Usa	ige			6%						
			Memory	Usage			37%						
> VOIP			Name Se	ervers									
> TR069	> TR069			ault Gatewa	у								
				IPv6 Default Gateway									
			LAN Co	onfiguratio	n								
			IP Addre	55			192.168.1.1						
			Subnet M	Mask			255.255.255.0						
			DHCP Se	erver			Enabled						
			MAC Add	dress			4C2EFE26B5CA						
			WAN C	onfiguratio	'n								
			Interface	VLAN ID	MAC	Connectio Type	n Protocol	IP Address	Gateway	Status			
			nas0_0	100	4c:2e:fe:26:b5:cb	INTERNE	T IPoE			down Connect			
			PPTP C	Configuration	on								
			Inter	face	Protocol	IP A	Address	Gateway		Status			
			L2TP C	onfiguratio	on								
			Interf	face	Protocol	Local	IP Address	ess Remote IP Address Status					
			Refresh										

7.3.2 **IPv6**

Logout Firmware ver. V4.0.0 Status LAN WLAN WAN Services VoIP Advance Diagnostics Admin Statistics IPv6 Status This page shows the current system status of IPv6. Status LAN Configuration > Device IPv6 Address > IPv6 IPv6 Link-Local Address fe80::2e0:4cff:fe86:7001/64 > PON Prefix Delegation > LAN Port Prefix > VoIP WAN Configuration > TR069 Interface VLAN ID Connection Type Protocol IP Address Status Route Configuration Gateway Destination IP Source Metric Interface fe80::/64 256 ::/0 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

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.

		Logout									
		Firmware ver. V4.0.0-241113									
Status LAN WLAN	WAN Services VolP Advar	nce Diagnostics Admin Statistics									
	PON Status										
Status This page shows the current system status of PON.											
Desting	PON Status										
> Device	Temperature	30.203125 C									
> IPv6	Voltage	3.205800 V									
> PON	Tx Power	No signal									
> LAN Port	Rx Power	No signal									
> VolP	Bias Current	0.000000 mA									
> TR069	GPON Status										
	ONU State	01									
	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

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Logout

				Logout			
				Firmware ver. V4.0.0-241113			
Status LAN WLAN	WAN Services	VoIP Advance	Diagnostics	Admin Statistics			
Chattan .	LAN Port Status This page shows the curren	t LAN Port status.					
Status	LAN Port Status						
> Device	LANT OIL Status						
	LAN1	not-o	connected				
> IPv6	LAN2 not-connected						
> PON	LAN3 not-connected						
> LAN Port	LAN4						
> VoIP	Refresh						
> TR069							

7.3.5 **VoIP**

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

			Logout						
			Firmware ver. V4.0.0-241113						
Status LAN WLAN	WAN Services	VoIP Advance Diagnostics	Admin Statistics						
VolP Register Status This page shows the register status of port.									
> Device	Register Status								
	Port	Number	Status						
> IPV6	1-Main Proxy		Disabled						
> PON	1-Backup Proxy		Disabled						
> LAN Port	Refresh								
> VoIP									
> TR069									

7.3.6 **TR069**

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

									Firmware ve	r. V4.0.0-241113
Status LAN	WLAN	WAN	Services	VoIP	Advan	ce Di	iagnostics	Admin	Statistics	
	_	TR069 S This page di	tatus isplays the conn	ection status o	of tr069.					
Status		TR069Status								
> Device	Proactive	reporting Info	m Status:		Unreported (DUT is booting)					
> IPv6		Accepting	ccepting ITMS connection request Status: Not get remote access requiremnet							
> PON										
> LAN Port										
> VoIP										
> TR069										
.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.

									Firmware ver.	V4.0.0-241113	
Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics		
LAN			LAN Inf This page etc.	terface Setti is used to configu	ngs ure the LAN i	nterface of your De	evice. Here you may c	hange the settin	g for IP addresses,	, subnet mask,	
> LAN Interface Settings			Interfac	eName:		br0					
			IP Addre	ess:		192.168.1.1					
			Subnet	Mask:		255.255.255.0					
			IPv6 Lin	k-Local Address	s Mode:	Auto 🗸					
			IPv6 DN	S Mode:		HGWProxy 🗸					
			Prefix N	lode:		WANDelegated V					
			WAN Int	terface:		Any 🗸					
			IGMP S	nooping:		Obisabled Enabled					
			Etherne	t to Wireless Blo	ocking:	Disabled OEr	nabled				
			LAN1:			ODisabled OEr	nabled				
			LAN2:			ODisabled OEr	nabled				
						ODisabled OEr	nabled				
						ODisabled •Enabled					
			Apply C	hanges							

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.

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						Firmware ver.	Logout V4.0.0-241113	
Status LAN WLAN	WAN Services	VoIP	Advance	Diagnostics	Admin	Statistics		
wlan0 (5GHz)	WLAN Basic Settin This page is used to config wireless encryption settings	gs ure the paramo s as well as wir	eters for WLAN clie reless network par	ents which may conne ameters.	ect to your Acces	ss Point. Here you	may change	
> Basic Settings								
> Advanced Settings	Band:	5 GHz (A+N+AC+AX) 🗸						
> Security	curity Mode: AP 🗸 Multiple APs							
> Access Control	SSID:	5G_	B5CA_SSID					
> WPS	Channel Width:	20/	40/80/160MHz 🗸]				
> Status	Control Sideband:	Aut	to 🗸					
	Channel Number:	Aut	to(DFS) 🗸					
wlan1 (2.4GHz)	Radio Power (%):	100	0% 🗸					
Easy Mesh	Associated Clients:	She	ow Active WLAN C	lients				
	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.

		Logout Firmware ver. V4.0.0-241113				
Status LAN WLAN	WAN Services VolP	Advance Diagnostics Admin Statistics				
wlan0 (5GHz)	WLAN Advanced Settings These settings are only for more techni not be changed unless you know what	ically advanced users who have a sufficient knowledge about WLAN. These settings should effect the changes will have on your Access Point.				
> Basic Settings	Fragment Threshold:	2346 (256-2346)				
> Advanced Settings	RTS Threshold:	2347 (0-2347)				
> Security	Beacon Interval:	100 (100-1024 ms)				
> Access Control	DTIM Period:	1 (1-255)				
> WPS	Data Rate:	Auto 🗸				
> Status	Preamble Type:	Cong Preamble Oshort Preamble				
	Broadcast SSID:	Enabled Obisabled				
wlan1 (2.4GHz)	Client Isolation:	OEnabled ODisabled				
Easy Mesh	Aggregation:	CDisabled				
	Short GI:	Enabled Obisabled				
	Multicast to Unicast:	Enabled Obisabled				
	Band Steering:	Enabled Disabled Prefer 5GHz V				
	OFDMA:	Enabled Obisabled				
	WMM Support:	Enabled Disabled				
	802.11k Support:	Enabled Obisabled				
	802.11v Support:	Enabled Obisabled				
	Apply Changes					

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.

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		Loyour						
		Firmware ver. V4.0.0-241113						
Status LAN WLAN	WAN Services VolP	Advance Diagnostics Admin Statistics						
wlan0 (5GHz)	WLAN Security Settings This page allows you setup the WLAN access to your wireless network.	security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized						
> Basic Settings	SSID Type:	Root AP - 5G_B5CA_SSID						
> Advanced Settings	Encryption:	WPA2 Mixed 🗸						
> Security	WPA Cipher Suite:	TKIP AES						
> Access Control	WPA2 Cipher Suite:	TKIP AES						
> WPS	Group Key Update Timer:	86400						
> Status	Pre-Shared Key Format:	Passphrase V						
	Pre-Shared Key:							
wlan1 (2.4GHz)	Apply Changes	Apply Changes						
Easy Mesh								

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.

							Logout	
						Firmware ver	. V4.0.0-241113	
Status LAN WLAN	WAN Services	VoIP	Advance	Diagnostics	Admin	Statistics		
	If you choose 'Allowed List	troi	WLAN clients who	co MAC addroccos ar	o in the accore	control list will be	able to connect	
wlan0 (5GHz)	to your Access Point. When 'Deny Listed' is selected, these WLAN clients on the list will not be able to connect the Access Point.							
> Basic Settings	Mode:	Mode: Disabled						
> Advanced Settings	MAC Address:	MAC Address: (ex. 00E086710502)						
> Security	(ex. 002000/10302)							
> Access Control	Add Reset							
> WPS	Current Access Control List							
. Statua		MAG	C Address			Select		
> status	Delete Selected Del	ete All						
wlan1 (2.4GHz)								
Easy Mesh								

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.

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					Firmw	Logout are ver. V4.0.0		
Status LAN WLAN	WAN Services	VoIP Advance	Diagnostics	Admin	Statistics			
wlan0 (5GHz)	Wi-Fi Protected Setup This page allows you to change automically syncronize its setting	he setting for WPS (WI-Fi and connect to the Acces	Protected Setup). Usi s Point in a minute wit	ng this feature co hout any hassle.	ould let your WLAN	l client		
> Basic Settings								
> Advanced Settings	WPS Status:		Configured UnConfigured					
> Security	Self-PIN Number: 95446714 Regenerate PIN							
> Access Control	Push Button Configuration:	Sta	Int PBC					
> WPS	Apply Changes Reset							
> Status	Current Key Info							
	Authentication		Encryption		Key			
wlan1 (2.4GHz)	Open		None N/A					
Easy Mesh	Client PIN Number: Start PIN							

7.5.6 **Status**

This page shows the WLAN current status.

							Logout
1 1 1	1					Firmware ver	. V4.0.0-241113
Status LAN WLAN	WAN Services	VoIP	Advance	Diagnostics	Admin	Statistics	
	WLAN Status	current status					
wlan0 (5GHz)	This page shows the WLAN	current status	r.				
 Basic Settings 	WLAN Configuration						
2 Dusie settings	Mode		AP				
> Advanced Settings	Band		5 GH	Iz (A+N+AC+AX)			
> Security	SSID		5G_I	35CA_SSID			
> Access Control	Channel Number		149	149			
	Encryption		WPA	WPA2 Mixed			
> WPS	BSSID		4c:20	e:fe:26:b5:cb			
> Status	Associated Clients		0				
	Virtual AP1 Configura	tion					
wlan1 (2.4GHz)	Virtual Al 1 Conliguiu						
Easy Mesh	Band		5 GH	Iz (A+N+AC+AX)			
	SSID		Easy	MeshBH-21xMkcY3m			
	Encryption		WPA	2			
	BSSID		4c:26	e: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.

data				l	Jser Mani	ual - GP854GVR-V2 Logout	
		16-10		Discussion	A day in	Firmware ver. V4.0.0-241113	
Status LAN WLAN	WAN Services	VOIP	Advance	Diagnostics	Admin	Statistics	
	EasyMesh Interface This page is used to confi	ce Setup gure the param	neters for EasyMes	h feature of your Acce	ess Point.		
wlan0 (5GHz)	Dovice Name:		FootMach Controller				
wlan1 (2.4GHz)	Device Name:						
Easy Mesh	Role:		Controller OD	isabled			
> EasyMesh Interface Setup	WPS Trigger:		Start PBC				
> Topology	Apply Changes R	efresh					
> Channel Scan							
> Vlan							

7.6 WAN setting

This sub menu provides one options:

7.6.1 **PON WAN**

This page is used to configure the parameters for $\ensuremath{\mathsf{PON}}\xspace$ WAN

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Logout

		Firmware ver. V4.0.0-241113
Status LAN WLAN	WAN Services VolP	Advance Diagnostics Admin Statistics
	PON WAN	
WAN	This page is used to configure the part	ameters for PONWAN.
> PON WAN	nas0_0 🗸	
	Enable VLAN:	
VPN	VLAN ID:	100
	802.1p_Mark	
	Multicast Vlan ID: [1-4095]	
	Channel Mode:	IPoE V
	Enable Bridge: 🗌	
	Bridge Mode:	×
	Enable NAPT:	
	Admin Status:	
	Connection Type:	
	Mito: [1280-1500]	
	Default Route:	
	Enable IGMP-Proxy:	
	Enable MLD-Proxy:	
	IP Protocol:	
	WAN IP Settings:	
	Туре:	OFixed IP ODHCP
	Local IP Address:	
	Gateway:	
	Subnet Mask:	
	IP Unnumbered:	
	Request DNS:	Enable Disable
	Primary DNS Server:	
	Secondary DNS Server :	
	V6inV4 Tunnel settings:	
	Tunnel Type:	None V
	Port Mapping:	
	OLAN_1	CLAN_2
	OLAN_3	CLAN_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

data			Use	<u>r Manual - GP854GVR-\</u>
				Firmware ver. V4.0.0-2411
Status LAN WLAN	WAN Services	VoIP Advance	Diagnostics Ac	Imin Statistics
	PPTP VPN Configura	ition		
WAN	This page is used to configure Ps: Default Gateway only take	e the parameters for PPTP mode es effect on LAN interfaces that	e VPN. are not bound to Port Mapp	ing in WAN configuration.
VPN	PPTP VPN:	Disable	OEnable	
> PPTP				
> L2TP	IP Protocol:	IPv4	~	
> IPsec	Server:			
	UserName:			
	Password:		Show password	
	Authentication:	Auto 🗸		
	Encryption:	NONE	/	
	Default Gateway:			
	Add Modify			
	PPTP Table			
	Select	Interface	Serve	r Action

Delete Selected

7.7.2 **L2TP**

This page is used to configure the parameters for L2TP mode $\ensuremath{\mathsf{VPN}}$

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		Logout
Status LAN WLAN	WAN Services VolP Advance	Diagnostics Admin Statistics
WAN	L2TP VPN Configuration This page is used to configure the parameters for L2TP m Ps: Default Gateway only takes effect on LAN interfaces t	node VPN. hat are not bound to Port Mapping in WAN configuration.
VPN	L2TP VPN:	ble OEnable
> PPTP > L2TP	Name:	
> IPsec	Server:	IPV4 V
	Tunnel Authentication:	
	Tunnel Authentication Secret:	
	PPP Authentication:	Auto 🗸
	PPP Encryption:	NONE 🗸
	UserName:	
	Password:	Show password
	PPP Connection Type:	Persistent V
	Idle Time (min):	
	MTU:	1458
	Delaun Gateway.	
	Add Modify L2TP Table	
	Select Name Server Tunnel Authentication	PPP Authentication MTU Default Action
	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

		Firmware ver. V4.0.0-241113
Status LAN WLAN	WAN Services Vo	DIP Advance Diagnostics Admin Statistics
	DHCP Settings	
	This page is used to configure DH0	CP Server and DHCP Relay.
Services		
> DHCP	DHCP Mode: ONON	IE ODHCP Relay ODHCP Server ODHCP Client
> Dynamic DNS	Enable the DHCP Server if you a	re using this device as a DHCP server. This name lists the IP address nonls available to basts
2 Dynamic Dita	on your LAN. The device distribut	tes numbers in the pool to hosts on your network as they request internet access.
> IGMP Proxy	LAN IP Address: 192.168.1.1	Subnet Mask: 255.255.255.0
> UPnP	IP Pool Range:	192 168 1 2 - 192 168 1 254 Show Client
s RIP		
	Subnet Mask:	255.255.255.0
> DMS	Max Lease Time:	86400 seconds (-1 indicates an infinite lease)
> Samba	DomainName:	bbrouter
Firewall	Gateway Address:	192.168.1.1
	DNS option:	Use DNS Proxy Oset Manually

7.8.2 **Dynamic DNS**

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

	Logout
	Firmware ver. V4.0.0-241113
Status LAN WLAN	WAN Services VolP Advance Diagnostics Admin Statistics
Services	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.
> DHCP	Enable:
> Dynamic DNS	DDNS Provider: DynDNS.org 🗸
> IGMP Proxy	Hostname:
> UPnP	Interface nas0_0 V
> RIP	DynDns/No-IP Settings
> DMS	UserName:
> Samba	Password: Show password
Firewall	TZO Settings
	Email:
	Key:
	Add Modify Remove Update
	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		
	ICMP Provid Configu	ration						
	IGMP provy enables the syst	tem to issue I	GMP host messar	nes on behalf of hosts	that the system	discovered through standard		
Services	IGMP interfaces. The system	acts as a pr	oxy for its hosts which	hen you enable it by o	doing the follows:	discovered introdyn standard		
> DHCP	2. Enable IGMP on LAN inter	rface (downs	tream), which con	nects to its hosts.	unning IOMF.			
> Dynamic DNS	IGMP Robust Count:			2				
> IGMP Proxy	Last Member Query Cour	nt:		2	2			
⇒ UPnP	Query Interval:			15	(seconds)			
> RIP	Query Response Interval	:		100	(*100ms)			
> DMS	Group leave delay:			2000	(ms)			
> Samba	Apply Changes							
Firewall								
Firewall								

7.8.4 **UPnP**

This page is used to configure UPnP.

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					Logout
				Firmware	e ver. V4.0.0-241113
Status LAN WLAN	WAN Services	VoIP Advance	Diagnostics	Admin Statistic	s
Services	UPnP Configuration This page is used to configur will use UPnP.	re UPnP. The system acts as a	daemon when you enable	e it and select WAN interfa	ace (upstream) that
> DHCP	UPnP:	Disable OEna	able		
> Dynamic DNS	WAN Interface:	~			
> IGMP Proxy	Apply Changes				
> UPnP	UPnP Current Port For	warding Table			
> RIP	Comment	Local IP	Protocol	Local Port	Remote Port
> DMS	Refresh				
> Samba					
Firewall					

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.

								Firmware ver	Logout V4.0.0-241113
Status LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics	
Services		RIP Co Enable the Protocol.	nfiguration e RIP if you are us This page is used	sing this devic to select the i	e as a RIP-enable(nterfaces on your (d Device to communic device is that use RIP,	ate with others , and the versior	using the Routing 1 of the protocol us	Information sed.
> DHCP		Routing	Protocol:		Disable 🗸	Apply Chan	ges		
> Dynamic DNS									
> IGMP Proxy									
> UPnP									
> RIP									
> DMS									
> Samba									
Firewall									

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.

idata			U	lser Manu	al - GP85	54GVR-
				Firmware ver	Logout r. V4.0.0-241113	
Status LAN WLAN	WAN Services	VoIP Advance Diagnostics	Admin	Statistics		
Parrian	NAT ALG and Pass TI This page is used to enable/dis	nrough Configuration sable ALG and Pass Through services.				
Services	ALG Type					
Firewall	FTP	Enable	ODisable			
> ALG	TFTP	Enable	ODisable			
IP/Port Filtering	H323	Enable	ODisable			
> MAC Filtering	L2TP	Enable	ODisable			
> Port Forwarding	IPSec	Enable	ODisable			
> URL Blocking	SIP	Enable	ODisable			
> Domain Blocking	PPTP	Enable	ODisable			
> Parental Control	Apply Changes					
> DMZ						

7.9.2 **IP/Port filtering**

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

									Logo
									Firmware ver. V4.0.0-24111
Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics
Services			IP/Port F Entries in the securing or	Filtering his table are use restricting your	d to restrict o	ertain types of data	packets through th	ne Gateway. Use of	such filters can be helpful in
Firewall			Outgoing	Default Action	:	ODeny OAllow			
> ALG			Incoming	Default Action	:	ODeny OAllow			
IP/Port Filt	tering		Apply Ch	anges					
MAC Filter	ring		Direction	: Outgoing 🗸		Protocol: TCP	~	Rule Acti	on: O Deny O Allow
Port Forward	arding		Source I	Address:	1	Subnet Mask:		Port:	
> URL Block	king								
> Domain Bl	locking		Destinati	on IP Address:		Subnet Mask:		Port:	-
> Parental C	Control		Add						
> DMZ			Current	Filter Table					
			Select	Direction	Protocol	Source IP Address	Source Port	Destination IP Address	Destination Port Interface Action
			Delete Se	elected Delet	te All				

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.

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										Logou
									Firmware ve	er. V4.0.0-241113
Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics	
			MAC Filte	rina for brid	dae moo	le				
			Entries in this	table are used t	o restrict ce	ertain types of data	packets from your loc	cal network to Inte	rnet through th	e Gateway. Use
Services			of such filters	can be helpful in	securing o	or restricting your lo	cal network. If you co	onfigure the device	e to be in routin	g mode, it is
Firewall			recommended	to only use the	source aut	dress to set deny a	nu allow rules.			
			Outgoing D	efault Action:						
> ALG										
> IP/Port F	Filtering		Incoming D	efault Action:		ODeny OAllow				
	-		Apply Chan	005						
> MAC Filtering Appy Changes										
> Port For	warding		Direction:			Outgoing 🗸				
			Source MA	CAddrosou						
> URL BIO	ocking		Source MA	C Address:						
> Domain	Blocking		Destination	MAC Address:						
			Rule Action							
Parental	I Control		itale riotion			Deny C Allow				
> DMZ			Add							
			0							
			Current F	liter lable						
			Select	Directio	n	Source MAC Add	ress De	stination MAC A	ddress	Rule Action
			Delete Colo	atad Delate	All					
			Delete Sele	cied 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.

										Fir	mware ver.	V4.0.0-24	4111
Status	LAN	WLAN	WAN	Services	VoIP	Adva	ice	Diagnostics	Adm	nin St	atistics		
			Port For	warding									
Services			Entries in th These settin	is table allow yo Igs are only nec	u to automa essary if you	tically redire u wish to hos	ct common t some sort	network servic of server like a	es to a spec a web server	ific machine b or mail serve	ehind the N r on the priv	AT firewal ate local	ıII.
irowall			network beh	ind your Gatewa	ay's NAT fire	ewall.							
> ALG			Port Forw	varding:		Oisable	OEnable			Apply Ch	anges		
> IP/Port F	iltering		Enable]		Applicatio	n: Active \	Norlds			~		
MAC Filt	tering		Comment	t Local	ID	Local	Local	Protocol	Remote	Remote	Remote	Interfa	ace
Port For	warding		Comment	Loca		Port from	Port to	FIOLOCOI	IP	Port from	Port to	interne	100
URL BIO	cking							Both 🗸				Any	
one bio	oning							Both V				Any	
Domain	Blocking							Both ¥				Any	
Desertal	Control							Both ¥				Any	
Parental	Control							Both ¥				Any	
DMZ								Both 🗸				Any	
								Both 🗸				Any	
								Both 🗸				Any	
								Both 🗸				Any	
								Both 🗸				Any	
								Both 🗸				Any	
			Add										
			Current	Port Forward	ing Table								
			Select	Comn	nent	Local IP Ad	iress	Protocol	Local Pe	ort Enable	Remote P Host	ublic Port	erf

7.9.5 URL Blocking

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

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			Logout
			Firmware ver. V4.0.0-241113
Status LAN WLAN	WAN Services VoIP	Advance Diagnostics	Admin Statistics
	URL Blocking		
	This page is used to configure the Block	(ed FQDN(Such as tw.yahoo.com) an	d filtered keyword. Here you can add/delete FQDN
Services	and filtered keyword.		
Firewall	URL Blocking:	Disable OEnable	Apply Changes
> ALG			
	FODN:	bbA	
IP/Port Filtering		7.00	
	UDI Placking Table		
MAC Filtering	ORL BIOCKING Table		
Dort Forwarding	Select		FQDN
s Port Forwarding			
> URL Blocking	Delete Selected Delete All		
Domain Blocking	Keyword:	Add	
> Parental Control	Keyword Filtering Table		
> DMZ	Select	Fi	tered Keyword
	Delete Selected Delete All		

7.9.6 **Domain Blocking**

Entries This page is used to configure the Blocked domain.

			Logo Firmware ver. V4.0.0-24111
Status LAN WLAN	WAN Services V	DIP Advance Diagno	ostics Admin Statistics
	Domain Blocking Config This page is used to configure the	juration Blocked domain. Here vou can add/d	delete the blocked domain.
Services			
Firewall	Domain Blocking:	Disable OEnable	Apply Changes
> ALG	Domain:		Add
IP/Port Filtering	Domain Blocking Configura	ation	
> MAC Filtering	Select	۵	Domain
Port Forwarding	Delete Selected Delete All		
> URL Blocking			
> Domain Blocking			
> Parental Control			
> DMZ			

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.

								Fir	mware ver. V4	Logou
Status LAN	WLAN	WAN	Services	VolP	Advance	Diagnos	tics Adr	nin St	atistics	
Services		Parental C Entries in this such filters ca	control table are used n be helpful for	to restrict ac parents to c	ccess to Internet f control children's u	rom your local isage of Intern	PCs/devices by r at.	nac address a	and time interva	al. Use of
Firewall		Parental Control: OEnable Apply Changes								
> ALG										
> IP/Port Filtering		UserName:								
> MAC Filtering		MAC Addre	ss:		(ex. 0	0e086710502)				
Port Forwarding				Sun	Mon	Tue	Wed	Thu	Fri	Sat
, UPI Plocking		Controlled	Days:							
S OKE BIOCKING		Start Block	ing time:	:						
> Domain Blocking		End Blockin	ng time:	:						
Parental Control		Add								
> DMZ										
		Current P	arent Control	Table						
		Name	MAC A	ddress	Sun Mon	Tue Wed	Thu Fri	Sat S	itart End	Select
		Delete Sele	cted Delet	e All						

7.9.8 **DMZ**

This page is used to configure DMZ.

						Lo	<u>gout</u>
Status IAN WIAN	WAN Services	VolD	Advance	Diagnostics	Admin	Firmware ver. V4.0.0-241	113
	JAN SUITCES	VOIP	Auvance	Diagnostica		Stutistics	
	DMZ Configuration	I					
Services	A Demilitarized Zone is use Typically, the DMZ host con servers and DNS servers	ed to provide Ir ntains devices	ternet services wit accessible to Inter	thout sacrificing unaut net traffic, such as We	thorized access to eb (HTTP) server	o its local private network. s, FTP servers, SMTP (e-ma	iil)
Firewall	Servers and Divo servers.						
> ALG	DMZ Host:		Disable OEna	ble			
• ID/Port Filtering	DMZ Host IP Address:		0.0.0.0				
, in a orten normag	Apply Changes						
> MAC Filtering	hppij onangoo						
> Port Forwarding							
> URL Blocking							
> Domain Blocking							
Parental Control							
> DMZ							

7.10 Advance

This sub menu provides five options:

7.10.1 ARP table

This table shows a list of learned MAC addresses.

								Logout Firmware ver. V4.0.0-241113
Status LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics
		User Li	st					
Advance		This table	shows a list of lea	arned MAC ad	dresses.			
Auvance			IP Add	ress			MAC Addre	SS
ARP Table			192.16	8.1.2			e4-a8-df-c4-1	6-95
> Bridging		Pofrosh						
> Loop Detection		Reliesh						
> Routing								
> SNMP								
> Print Server								
IP QoS								
IPv6								

7.10.2 Bridging

This page is used to configure the bridge parameters.

						Logout
					Firmware ver. V4	.0.0-241113
Status LAN WLAN	WAN Services	VoIP Advance	Diagnostics	Admin	Statistics	
	Bridging Configurat	ion				
Advance	This page is used to configur its attached ports.	re the bridge parameters. Here	e you can change the se	ettings or view s	ome information on th	ne bridge and
> ARP Table	Ageing Time:	7200	(seconds)			
> Bridging	802.1d Spanning Tree:	Disabled OE	nabled			
> Loop Detection	Apply Changes Show	v MACs				
> Routing						
> SNMP						
> Print Server						
IP QoS						
IPv6						

7.10.3 Routing

This page is used to configure the routing information.

		Logou
		Firmware ver. V4.0.0-241113
Status LAN WLAN	WAN Services VolP	Advance Diagnostics Admin Statistics
	Routing Configuration	
	This page is used to configure the routin	ng information. Here you can add/delete IP routes.
Advance	·····	
> ARP Table	Enable:	
> Bridging	Destination:	
> Loop Detection	Subnet Mask:	
> Routing	Next Hop:	
s SNMD	Metric:	
Drint Sonyor	Interface:	Any 🗸
> Philit Server	Add Route Update Delete S	Selected Show Routes
IP QoS	Static Route Table	
IPv6	Select State Destina	ation Subnet Mask Next Hop Metric Interface

7.10.4 **Print Server**

This page is used to show printer URL(s)

Status LAN WLAN WAN Services VolP Advance Diagnostics Admin Statistics Advance Advance Advance ARP Table ARP Table Shidging Coop Detection Routing SNMP SNMP						Logout
Status LAN WLAN WAN Services VolP Advance Diagnostics Admin Statistics Advance						Firmware ver. V4.0.0-241113
Advance Advance ARP Table Bridging Loop Detection Routing NMP Print Server	Status LAN WLAN	WAN Services	VolP Advan	ce Diagnostics	Admin	Statistics
IP QoS IPv6	Advance ARP Table Bridging Loop Detection Routing SNMP Print Server IP QoS IPv6	Printer URL(s) This page is used to show p Refresh	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.

Status LAN WLAN	WAN S	ervices	VoIP Ad	vance	Diagnostics	a Ad	Firmw min Statis	are ver. V4.(tics	<u>Logout</u>).0-241113
Advance	QoS Classi This page is use	fication ed to add or d	delete classicification	rule.(After ac	dd a new rule, p	please click	'Apply Changes' to	take effect.)	
ID Oos			Mark		C	lassificatio	n Rules		
in QoS Delinu	ID Name	Order	DSCP Mark	802.1p	Queue	Wanlf	Rule Detail	Delete	Edit
> QoS Policy	Add Apply	Changes							
> Traffic Shaping IPv6									

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	
			IPv6 Co	onfiguration						
∆ dvance			This page	be used to config	gure IPv6 enab	le/disable.				
Advance			IPv6:		ODisat	le OEnable				
IP QoS										
IPv6			Apply C	hanges						
> IPv6 En	able/Disable									
2 KADVD										
> DHCPv(6									
> MLD Pr	оху									
> MLD Sn	ooping									
> IPv6 Ro	uting									
> IP/Port	Filtering									
> IPv6 AC	L									

7.12.2 **DHCPv6**

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

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		Logo Firmware ver. V4.0.0-2411
Status LAN WLAN	WAN Services VolP Advance Diagnostics Adv	min Statistics
	DHCPv6 Settings	
Advance	This page is used to configure DHCPv6 Server and DHCPv6 Relay.	
IP QoS	DHCPv6 Mode: ONONE ODHCPRelay ODHCPServer	
IPv6	DHCPv6 Server Type: OAuto OManual	
> IPv6 Enable/Disable	Auto Config by Prefix Delegation for DHCPv6 Server.	
> RADVD	Apply Changes Show Client	
> DHCPv6	NTP Server IP:	Add
> MLD Proxy	NTD Conver Table	
> MLD Snooping	Select NTP Server	
> IPv6 Routing	Delete Selected Delete All	
> IP/Port Filtering		
> IPv6 ACL	Hostname:	Add
	MAC Address: (ex. 00E086710502)	
	IP Address:	
	MAC Binding Table	
	Select Host Name MAC Address	IP Address
	Delete Selected Delete All	

7.12.3 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 Diagnostic	s Admin Statistics
	MLD Proxy Configuration	
Advance	This page be used to configure MLD Proxy.	
IP QoS	Robust Count:	2
IPv6	Query Interval:	125 (Second)
Pv6 Enable/Disable	Query Response Interval:	2000 (millisecond)
> RADVD	Response Interval of Last Group Member:	2 (Second)
> DHCPv6	Apply Changes	
> MLD Proxy		
> MLD Snooping		
> IPv6 Routing		
: IP/Port Filtering		
> IPv6 ACL		

7.12.4 MLD snooping

This page is used to add or configure MLD snooping.

idata		User Manual - GP854GVR-
Status LAN WLAN	WAN Services Vol	Firmware ver. V4.0.0-24111 Advance Diagnostics Admin Statistics
	MLD Snooping Configura This page be used to configure MLD	t ion Snooping.
Advance	MLD Snooping:	Obisable enable
IPv6	Apply Changes	
> IPv6 Enable/Disable		
> RADVD		
> DHCPv6		
> MLD Proxy		
> MLD Snooping		
> IPv6 Routing		
> IP/Port Filtering		
> IPv6 ACL		

7.12.5 **IPv6 routing**

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

					Logo
				Fi	rmware ver. V4.0.0-24111
Status LAN WLAN	WAN Services	VolP Advan	ce Diagnostics	Admin S	tatistics
	IBu6 Statia Bouting	Configuration			
	This page is used to configu	re the IPv6 static routing	information. Here you can add	delete static IP rout	tes.
Advance	Fachler	-			
IP QoS	Enable:	~			
IPv6	Destination:				
> IPv6 Enable/Disable	Next Hop:				
> RADVD	Metric:				
	Interface:	Any 🗸			
> DHCPv6				1	
> MLD Proxy	Add Route Update	Delete Selected	Delete All Show Routes		
> MLD Snooping	Select State	Destination	Next Hop	Metric	Interface
> IPv6 Routing					
> IP/Port Filtering					
> IPv6 ACL					

7.12.6 **IPv6 filtering**

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

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	Firmware ver. V4.0.0-24111
Status LAN WLAN	WAN Services VolP Advance Diagnostics Admin Statistics
Advance	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.
IP QoS	Outgoing Default Action: ODeny OAllow
IPv6	Incoming Default Action: Callow
> IPv6 Enable/Disable	Apply Changes
> RADVD	
> DHCPv6	Direction:
> MLD Proxy	Protocol: TCP V
> MLD Snooping	Rule Action: O Deny O Allow
> IPv6 Routing	Source IP Address: -
> IP/Port Filtering	Source Prefix Length:
	Destination IP Address:
> IPV0 ACL	Destination Prefix Length:
	Source Port: -
	Destination Port: -
	Add
	Current Filter Table
	Select Direction Protocol Source IP Address Source Port Destination IP Address Destination Port Interface Address Rul Action
	Delete Selected Delete All

7.12.7 **IPv6 ACL**

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

						Firmware ver	Log V4.0.0-2411
Status LAN WLAN	WAN Services	VoIP	Advance	Diagnostics	Admin	Statistics	
Advance	IPv6 ACL Configura This page is used to configu access CPE. Here you can	tion ire the IPV6 Add add/delete the II	Iress for Access P Address.	Control List. If ACL is	enabled, only th	e IP address in th	e ACL Table
IP QoS	IPv6 ACL Capability:	۲	Disable OEnal	ble	Apply C	hanges	
IPv6		_					
> IPv6 Enable/Disable	Enable:						
+ RADVD	Interface:		LAN 🗸				
> DHCPv6	Source IP Address:	L					
s MLD Provy	Source Prefix Length:						
> MED PIOXy	ServiceName				LAN		
> MLD Snooping	Any						
> IPv6 Routing	TELNET						
> IP/Port Filtering	FTP						
> IPv6 ACL	TFTP						
	HTTP						
	HTTPS						
	SSH						
	PING						
	Add Update Edited						
	Current ACL Table						
	Select State	In	terface	ID Address	Set	vices	Port

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.

41113

7.13.2 **Ping6**

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

	Logout Firmware ver. V4.0.0-241113
Status LAN WLAN	WAN Services VolP Advance Diagnostics Admin Statistics
	Ping6 Diagnostics This page is used to send ICMPv6 ECH0 REQUEST packets to network host. The diagnostic result will then be displayed.
Diagnostics	
> Ping	Host Address:
> Ping6	WAN Interface: Any V
> Tracert	Start
> Tracert6	

7.13.3 Traceroute

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

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					Logout Firmware ver. V4.0.0-241113
Status LAN WLAN	WAN Services	VoIP Advance	Diagnostics	Admin	Statistics
Diamonting	Traceroute Diagnost This page is used to print the	tics e route packets trace to netw	ork host. The diagnostic	result will then b	e displayed.
> Ping	Protocol:				
> Ping6	Host Address:]	
> Tracert	Number Of Tries:	3	_		
> Tracert6	Time out:	5	S		
	Data Size:	0	Bytes		
	Max HopCount:	30]		
	WAN Interface:	Any 🗸			
	Start				

7.13.4 Traceroute6

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

		Logout Firmware ver. V4.0.0
Status LAN WLAN	WAN Services VolP	Advance Diagnostics Admin Statistics
Diagnostics	Traceroute6 Diagnostics This page is used to print the route pace	kets trace to network host. The diagnostic result will then be displayed.
> Ping	Host Address:	
> Pina6	NumberOfTries:	3
> Tracert	timeout:	5s
· Tracert6	Datasize:	56 Bytes
	DSCP:	0
> TR069 diagnosis	MaxHopCount:	30
	WAN Interface:	Any 🗸
	Start	

7.13.5 **TR069**

This page is used to inform TR069 by manual.

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Log

		Firmware ver. V4.0.0-241113
Status LAN WLAN	WAN Services VolP	Advance Diagnostics Admin Statistics
Discussedias	Traceroute6 Diagnostics This page is used to print the route page	ckets trace to network host. The diagnostic result will then be displayed.
Diagnostics	Host Address:	
> Ping		
> Ping6	NumberOffries:	3
> Tracert	timeout:	5 s
	Datasize:	56 Bytes
> Tracert6	DSCP:	0
	MaxHopCount:	30
	WAN Interface:	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.

					Logou
Status LAN WLAN	WAN Services	VolP Advance	e Diagnostics	Admin	Statistics
	GPON Settings	re the parameters for your	GPON network access		
Admin	This page is used to comiga	To the parameters for your	or orthetwork decess.	_	
> GPON Settings	LOID:				
> OMCI Information	LOID Password:]	
 Commit/Reboot 	PLOAM Password:		1234567890		
	Serial Number:	(GP241100004		
> Multi-lingual Settings	Device Type:		router 🗸		
> Backup/Restore	OMCI OLT Mode:		Default Mode 🗸		
> System Log	Apply Changes				
> Scheduled reboot					
> Led Timing					
> DOS					
> Password					
> Firmware Upgrade					
> ACL					
> Time Zone					
> TR-069					
> Logout					

7.14.2 Commit/Reboot

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

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									Circuit and a second	Logout
Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics	. v4.0.0-z41113
Status	LAN	WLAN	WAIN	Services	VOIP	Auvance	Diagnostics	Admin	Statistics	
			Commi	t and Reboot						
			This page	is used to commit	changes to	system memory an	d reboot your system.			
Admin						[
> GPON S	Settings		Commit	and Reboot:		Commit and Reb	oot			
> OMCI In	nformation									
Commit	t/Reboot									
> Multi-lin	ngual Settings	\$								
Backup	/Restore									
> System	Log									
Schedu	lled reboot									
> Led Tim	ning									
> DOS										
> Passwo	ord									
Firmwa	re Upgrade									
. ACI										
ACE										
> Time Zo	one									
> TR-069										
Logout										
Logout										

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.

					F:	Logout
Status LAN WLAN	WAN Services	VoIP Advance	Diagnostics	Admin	Statistics	V4.0.0-241113
Admin	Backup and Restore This page allows you to backu you could reset the current se	Settings up current settings to a file or titings to factory default.	restore the settings fro	m the file which v	was saved previo	usly. Besides,
> GPON Settings	Backup Settings to File:	Ba	ckup			
> OMCI Information						
> Commit/Reboot	Restore Settings from File	e: Re	译文件 store	件		
> Multi-lingual Settings						
> Backup/Restore	Reset Settings to Default:	Re	set			
> System Log						
Scheduled reboot						
> Led Timing						
> DOS						
> Password						
> Firmware Upgrade						
> ACL						
> Time Zone						
> TR-069						
> Logout						

This page is used to set multi-lingual.

							C i	Logout
Status LAN WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics	. v4.0.0-241113
Status LAN WLAN Admin	WAN Multi-L This page Langua Update	Services	VoIP Ig Iti-linaual.	Advance	Diagnostics	Admin	Firmware ver	. V4.0.0-241113
> Time Zone								
> TR-069								
> Logout								

7.14.5 **DOS**

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

									Firmware ver	Logout
Status	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics	
Admin			DoS (Deni can config	onfiguration ial-of-Service) atta ure to prevent so	ack which is la me kinds of D	aunched by hacker OS attack.	r aims to prevent legal	l user from takin	g normal services.	In this page you
> GPON S	ettings		Enab	le DoS Block						
> OMCI Int	formation									
> Commit/	Reboot		Who	e System Flood:	FIN					
> Multi-lin	gual Setting	S	U Whol	e System Flood:	ICMP					
> Backup/	Restore		🗌 IP La	nd						
> System	Log		СТСР	Scan						
> Schedul	ed reboot		СТСР	SynWithData						
> Led Tim	ing			Bomb						
> DOS			Select A	ll Clear						
> Passwor	rd		Apply C	handes						
> Firmwar	e Upgrade		http://o	nungoo						
> ACL										
> Time Zo	ne									
> TR-069										
> Logout										

7.14.6 Password

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

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		Logout
Status LAN WLAN	WAN Services VolP Ad	vance Diagnostics Admin Statistics
1 1		
	Password Configuration This page is used to set the account to access the	a web server of your Device. Empty user name and password will disable the
Admin	protection.	
GPON Settings	UserName:	admin 🗸
OMCI Information	Old Password:	
: Commit/Reboot	New Password:	
> Multi-lingual Settings	Confirmed Password:	
> Backup/Restore	Apply Changes Reset	
> System Log		
Scheduled reboot		
> Led Timing		
> DOS		
Password		
> Firmware Upgrade		
> ACL		
: Time Zone		
> TR-069		
> Logout		

7.14.7 Firmware Upgrade

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

										Logo
									Firmware ver	. V4.0.0-2411
atus	LAN	WLAN	WAN	Services	VoIP	Advance	Diagnostics	Admin	Statistics	
			Firmwa	are Upgrade						
			This page	allows you upgr	ade the firmwa	re to the newer v	ersion. Please note th	at do not power (off the device durin	g the upload
dmin			because	inis make the sys	tem unbootabl	е.				
GPON S	Settings		选择	文件 未选择任何	可文件					
OMCLIn	nformation									
			Upgrad	e Reset						
Commit	t/Reboot									
Multi-lin	ngual Setting	s								
Backup	/Restore									
System	Log									
Cabadad										
schedu	led reboot									
Led Tim	ning									
DOS										
500										
Passwo	ord									
Firmwar	re Upgrade									
> ACL										
> Time Zo	one									
TD 060										
> IR-009										

7.14.8 ACL

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

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					Firm	ware ver. V4.0.0			
Status LAN WLAN	WAN Services	VoIP Advance	Diagnostics	Admin	Statistics				
Admin	ACL Configuration This page is used to configu access CPE. Here you can	ire the IP Address for Access Co add/delete the IP Address.	ntrol List. If ACL is en	abled, only the	IP address in the	ACL Table can			
GPON Settings	ACL Capability:	OEnal	OEnable Apply Changes						
> OMCI Information	Enable:								
> Commit/Reboot	Interface:	LAN 🗸							
> Multi-lingual Settings	Start IP Address:								
> Backup/Restore	End IP Address:								
> System Log	ServiceName			LAN					
> DOS	Any								
> Password	TELNET								
> Firmware Upgrade	FTP								
> ACL	TETP		U						
> Time Zone	HTTPS								
> TR-069	SSH			0					
> Logout	PING								
	Add Update Edited								
	ACL Table								
	Select State	Interface	IP Address	Se	rvices	Port			
	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.

								Logo
Status LAN		Services	VolP	Advance	Diagnostics	Admin	Statistics	. V4.0.0-24111
Status		50111005		Autunee	Diagnostics		Statistics	
	Time	Zone Configu	ration					
Admin	You can	maintain the syster	n time by sync	hronizing with a p	oublic time server ove	er the Internet.		
CDON Settings	Adjus	t System Time						
y GPON Settings	Curre	nt Time :	Year 1	970 Mon 1	Day 1	Hour 10	Min 1 Sec	59
 OMCI Information 	Time	Zone Select :	Asia/	Taipei (UTC+08:0	00)	~		
> Commit/Reboot	Enabl	e Davlight Saving						
> Multi-lingual Settings	Time	e Dayiigin Saving						
> Backup/Restore	Enabl	e SNTP Client Upd	ate 🗹					
• System Log	WAN	Interface:	Any	~				
s system Log	SNTP	Server 1 :	pool.n	tp.org				
 Scheduled reboot 	SNTP	Server 2 :	172.1	8.18.1				
> Led Timing								
> DOS	Apply	Changes Refre	esh					
> Password								
> Firmware Upgrade								
> ACL								
> Time Zone								
> TR-069								
> Logout								

7.14.10 **TP069**

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

					Firmware ver. V4.0.	0-2411				
Status LAN WLAN	WAN Services Vol	P Advance	Diagnostics	Admin	Statistics					
	TR-069 Configuration This page is used to configure the T	R-069 CPE. Here you r	may change the settin	q for the ACS's (parameters.					
Admin		, 								
GPON Settings	TR069 Daemon:	Enabled OD	isabled							
OMCI Information	Enable CWMP Paramete:	Enabled OD	isabled							
Commit/Reboot	Root Data Model:	OTR-098 • TR-	-181							
Multi-lingual Settings	ACS									
Backup/Restore	URL:	http://								
> System Log	UserName:	username								
Scheduled reboot	Password:	password								
Led Timine	Periodic Inform:	ODisabled OEr	nabled							
> Lea rinning	Periodic Inform Interval:	300								
> DOS	Connection Permet									
Password	Connection Request	0								
Firmware Upgrade	Authentication:	ODisabled OEr	nabled	_						
ACL	UserName:									
Time Zone	Password:									
	Path:	/tr069								
> TR-069	Port:	7547								
> Logout	STUN Sotting			_						
	CTUM.									
	STON.		inabled	_						
	STUN Server Address:	10.10.10.10								
	STUN Server Port:	3478								
	STUN Server User:	acs								
	STUN Server Password:	acs								
	Apply Unde									

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.

								Firmware ver.	Logout V4.0.0-241113		
Status LAN	WLAN	WAN	Services	VoIP	Advance	Diagnos	tics Admin	Statistics			
	_	Interface S This page sho	Statisitcs ws the packet	statistics for	transmission and	reception rega	rding to network interface.				
Statistics		Interface Statisitcs									
> Interface		Interface Rx pk		pkt	Rx err	Rx drop	Tx pkt	Tx err	Tx drop		
> PON Statistics		LAN1		0	0	0	0	0	0		
		LAN2		0	0	0	0	0	0		
		LAN3		0	0	0	0	0	0		
		LAN4	25	336	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.

	Firmware ver.	Logout V4.0.0-241113						
Status LAN WLAN	WAN Services VolP Advance Diagnostics Admin Statistics							
	PON Statistics							
Statistics	Bytes Sent:	0						
> Interface	Bytes Received:	0						
PON Statistics	Packets Sent:	0						
	Packets Received:	0						
	Unicast Packets Sent:	0						
	Unicast Packets Received:	0						
	Multicast Packets Sent:							
	Multicast Packets Received:							
	Broadcast Packets Sent:	0						
	Broadcast Packets Received:	0						
	FEC Errors:	0						
	HEC Errors:	0						
	Packets Dropped:	0						
	Pause Packets Sent:							
	Pause Packets Received:							

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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