



User Manual

Revision B



ACT 201H GPON ONT User Manual

ACT Document Number: ACT 201H GPON ONT

User Manual Revision B

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This document is produced to assist professional and properly trained personnel with installation and maintenance issues for the product. The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice.

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Revision History

Revision	Date	Reason for Change
А	1/2/2024	Draft
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Chapter 1 Product Introduction

1.1 Product Description

ACT AP201H terminal is a combination of XPON optical network unit. It adopts highperformance ONU chip and low-power optical receiving technology, which can meet the needs of home optical fiber lo the home.



Figure 1: AP201H GPON ONT

1.2 Special Features

- Support port based rate limitation and bandwidth control
- In compliant with IEEE802.3ah & ITU-T G.984 adaptive interface
- Up to 20KM transmission distance
- Support data encryption, group broadcasting, port Vian separation, etc.
- Support Dynamic Bandwidth Allocation (DBA)
- Support ONU auto discovery/Link detection/remote upgrade of software
- Support port mode of VLAN configuration
- Support power off alarm function, easy for link problem detection
- Support broadcasting storm resistance function
- Support port loop detection
- Support ACL to configure data packet filter flexibly
- Support PPPoE/DHCP Server/IPTV/NAT
- Specialized design for system breakdown prevention to maintain stable system
- Support software online upgrading
- Support mac/port/url filte



1.3 Technical Parameters

Item	Description
Operating Temperature	0°C to 50°C
Storage Temperature	-40°C to 80°C
Operating Humidity	10 % to 85 %
Storage Humidity	10 % to 90 % (non-condensing)
Input Voltage	12V/0.5A
Power	<6W
	Table 1: Technical Parameters

1.4 The use of Instructions

1.4.1 Product Feature and Model list

AP201

1GE+PON

Table 2: Product Features

1.4.2 Product Feature and Model list

This device should be connected by an external power adapter. First of all, connect the DC12V output cable of the adapter to the DC12V port of the device, and then plug n AC 220V power supply. When the panel PWR lights, the device is powered on

1.5 Panel Description



Figure 2: Panel Description

Interface / Button	Interface / button descriptions
PWR	DC 12V power input interface
PON	EPON/GPON/CATV fiber interface, SC/APC
GE	GE: 10/100/1000MBASE-TX
	Table 3: Panel Description

1.6 Indicator Description

LED	Color	Status	Description
POWER	Green	On	The ONU is powered on properly.
		Off	The ONU is not powered on.
PON	Green	On	The ONU is connected to the OLT and is registered successfully
		Blink	The ONU is connected to the OLT but is not registered
		Off	The ONU is not connected to the OLT
LOS	Red	On	The ONU detects continuously transmitting optical signal.
		Blink	The ONU receives low optical



			power.
		Off	The ONU receives optical power normally.
GE	Green	On	The network interface is connected.
		Blink	The network port has data transmission
		Off	The network interface is not connected.

Table 4: Indicator Description

Specification

1.7 PON Interface

Parameter

Up Optical	Wavelength	1310nm
	Transmitting Range	0.5dBm to 5dBm
Down Optical	Wavelength	1490nm
	Receiving Range	-8dBm to -28dBm

Table 5: PON Interface

Precautions:

1. The device is an indoor one, should not be used in places susceptible to rain.

2. OPT input interface type is SC/APC.



Chapter 2 Quick Installation

2.1 Standard Packing Contents

When you receive our products, please check carefully to make sure that our products whether have some defects or not. If something wrong with shippings, please contact carrier; other damage or lack of some parts, please contact with dealer.

Contents	Description
ONU	1 pcs
Power Adapter	1 pcs
User Manual	1 pcs (Optional)
Cable	1 pcs

Table 9: Packing Contents

2.2 Quick Installation



Figure 3: Actual package content

- Connecting the optical fiber cable to the unit.
- Remove the protective cap of the optical fiber.
- Clean the end of the optical fiber with an optical fiber end cleaner.
- Remove the protective cap of the ONU optical interface (PON
- Connect the fiber to the PON port on the unit.

Note: When measuring the optical power before connecting to the ONU, it is recommended to use a PON Inline Power Meter. The receiver optical power should be between -7dbm and - 28 dbm by using 1490nm.

While connecting, please note:

- Keep the optical connector and the optical fiber clean.
- Make sure there are no tight bends in the fiber and that the bending diameter is greater than 6cm. Otherwise, the optical signal loss may be increased, to the extent that signal may



be unavailable.

- Cover all optic ports and connectors with protective cap to guard against dust and moisture when the fiber is not used.
- Apply power to the unit. If the product has the power button, please push the power button before used.
- After the ONU is power ON, Indicators should light up as for normal operation. Check whether the PON interface status LED (PON) is on continuously. If it is, the connection is normal; otherwise there is either problem of the physical connection or the optical level at either end. This may be caused by either too much or too little attenuation over the optical fiber. Please refer to the Panel Lights Description for normal LED activity.
- Check all signal levels and services on all the ONU communication ports.

2.3 Unit Installation Adjustment

Installing the ONU on a horizontal surface (Bench top)

Put the ONU on a clean, flat, sturdy bench top. You must keep the clearance for all sides of the unit to more than 10cm for heat dissipation.



Chapter 3 Configuration

After finishing the basic connection configuration, you can use its basic function. In order to satisfy service requirements, this charter provides the user parameter modification and individuation configuration description.

3.1 Login

The device is configured by the web interface. The following steps will enable you to login:

- 1. Conform "2.2 Quick Installation" to install;
- 2. The device management default IP address is 192.168.1.1;
- 3. Open your web browser, type the device IP in address bar;

4. Entry of the user name and password will be prompted. Enter the default login user name and password.

By default, there are two user levels for management. Administration level user name is "superadmin", password is "superadmin". Normal user level user name is "admin", password is "ascent".

The Administration account is able to access and modify all settings of ONU. It also can modify user account's username and password.

The normal account can only be used to view configurations, status and configure few parameters.

Administrator	
UserName	
PassWord	
Language English -	
Login Reset	

Figure 4: Login Interface



3.2 Status

This part shows the main information of device and the active status about major services. 3.2.1 Device Information

This page shows the basic information about device, such as Device Name, PON MAC information, Serial Number, Hardware Version information.

Device Information Model G55 Device Information PON MAC 88:c9:b3:c0:6d:f6 Network Interface Serial Number 88C9B3-HSTCB3C06DF6	
Device Information PON MAC 88:c9:b3:c0:6d:f6 Network Interface Serial Number 88C9B3-HSTCB3C06DF6	
Network Interface Serial Number 88C9B3-HSTCB3C06DF6	
	ł
User Interface Hardware Version V1.0	
Software Version SFUSV1.2.1	LC
Boot Loader Version SFUSV1.2.1	
Version Date 2023-08-24 10:16:05	

Figure 5: Device Information

3.2.2 Network Interface

3.2.2.1 WAN Connection Information

This page shows WAN connection information you have configured.

Status Network	c Security Application Administration Help	
Device Information	No connection available	
Network Interface		
WAN Connection		Help
PON Inform		Logout
User Interface		
		Refresh

Figure 6: IPV6 WLAN Information



3.2.2.2 PON Information

This page shows the PON information, including PON and GPON status.

Status Network	Security Application Adm	inistration Help	
Device Information			
	GPON State Init	t State	
Network Interface	Optical Module Input Power(dBm)		
WAN Connection	Optical Module Output Power(dBm)		Help
PON Inform	Optical Module Supply Voltage(µV) 333	38000	
PON Alarm	Optical Transmitter Bias Current(µA) 0		Logout
User Interface	Operating Temperature of the Optical Module(°C) 33		
			Refresh

Figure 7: PON Status

3.2.2.3 PON Alarm Information

This page shows the PON Alarm status.

Status Network	Security Application Administration Help	
Device Information		
	PonSymPerAlarm 0	
Network Interface	PonFrameAlarm 0	
WAN Connection	PonFraPerAlarm 0	Help
PON Inform	PonSecSumAlarm 0	
PON Alarm	PonDygaspAlarm 0	Logout
User Interface	PonLinkAlarm 0	
	PonCirEveAlarm 0	
		Refresh

Figure 8: LAN Interface Information



3.2.2.4 User Interface

This page shows the register status of Ethernet Port1 attention, data send and receive information.

Status Network	Security Application /	Administration Help	
evice Information			
	Ethernet Port	LAN1	
letwork Interface	Status	Up/1000Mbps/Full Duplex	
ser Interface	MAC Address	88:c9:b3:c0:6d:f6	
Ethernet	Bytes Received	689998	
	Packets Received	6215	
	Unicast Packets Received	4999	
	Multicast Packets Received	1018	
	Error Packets Received	0	
	Discard Packets Received	0	
	Bytes Sent	2560363	
	Packets Sent	5423	
	Unicast Packets Sent	5412	
	Multicast Packets Sent	11	
	Error Packets Sent	0	
	Discard Packets Sent	0	

Figure 9: VoIP Information

3.3 Network

3.3.1 WAN Basic Information

3.3.1.1 WAN Connection Information

This page shows the WAN Connection including basic WAN Connection/PPP/IPV4 status.

Status Network	K Security Application Administration Help	
WAN		
WAN Connection	Connection Name Create WAN Connec	
WAN Connection	New Connection Name	
LAN	Enable VLAN	Help
Routing(IDv4)	Type Route 🗸	
(outing(IPV4)	Service List INTERNET	Logout
Port Configuration	MTU 1492	
	Link Type PPP 🗸	
	Username	
	Password	
	DMS Name	
	Authentication Type Auto	
	Connection Trigger Always On 🗸	
	ID Version IDu4	
	IPv4 🔇	
	Enable NAT 🗹	

Create Cancel

Refresh

Figure 10: LAN Interface Settings



3.3.2 LAN Basic Information

3.3.2.1 DHCP Server

This page shows the LAN Interface information of DHCP basic server information.

Status Network	Security Applica	ntion Administra	tion Help		
WAN					
	NOTE: 1. The DHCF should be in	Start IP Address and DH	CP End IP address)	
LAN	Should be in	the same subject as the l			
DHCP Server	LAN ID Address	102 169 1 1			Help
RA Service	LAN IP AUDIESS	192.108.1.1			
DHCP Server(IPv6)	Subnet Mask	255.255.255.0			Logout
Prefix Management					
Port Service(IPv6)	Enable DHCP Server				
	DHCP Start IP Address	192.168.1.2			
Routing(IPv4)	DHCP End IP Address	192.168.1.254			
Port Configuration	Assign IspDNS				
	DNS Server1 IP Address	192.168.1.1			
	DNS Server2 IP Address				
	DNS Server3 IP Address				
	Default Gateway	192.168.1.1			
	Lease Time	86400 sec			
	Allocated Address				
	MAC Address IP Address	Remaining Lease Time	Host Name Port	1	
	TI	nere is no data.			
				Submit	Cancel

Figure 11: WLANO Basic Interface Information

3.3.2.2 RA Service Information

This page shows the WLAN Interface information of Maximum/Minimum wait time information.

Status Network	Security Application Administration Help		
WAN LAN DHCP Server RA Service DHCP Server(IPv6) Prefix Management Port Service(IPv6)	Minimum Wait Time 198 (3 ~ 1350) Maximum Wait Time 600 (4 ~ 1800) M □ O ✔		Help Logout
Routing(IPv4)			
Port Configuration			
		Submit	Cancel

Figure 12: RA Service Information



3.3.2.3 DHCP Server Information

This page shows the WLAN Interface information of Maximum/Minimum wait time information.

This page shows the LAN IP address/DNS Refresh time information.

Status Network	Security Application Administration Help	
WAN LAN DHCP Server RA Service DHCP Server(IPv6) Prefix Management Port Service(IPv6)	LAN IP Address fe80::1 / 64 Enable DHCP Server DNS Refresh Time 86400 sec Allocated Address DUID IP Address Remaining Lease Time There is no data.	Help
Routing(IPv4) Port Configuration		
	Sub	mit Cancel

Figure 13: DHCP Server Information

3.3.2.4 Prefix Management

This page shows the WAN Connection information.

Status Network	Security	Applica	tion	Administration	Help	I
WAN		o				
LAN	WAN	connection refix Source				
DHCP Server		Prefix		/		
RA Service	Prefer	red Lifetime		sec		
DHCP Server(IPv6)	V	alid Lifetime		sec		
Prefix Management	Prefix	Delegation	RA	DHCPv6		
Port Service(IPv6)						
Routing(IPv4)	WAN Connection	Prefix Source	Prefix	Preferred/Valid Lifetime	Prefix Delegation	Modify
			There is	no data.		
ort Configuration						

Figure 14: Prefix Management



3.3.2.5 Port Service

This page shows the Port Service information.

Status Network	Security Application Administration Help	
WAN	The IPv6 address assign service will be opened on the port which	
LAN	is checked. The Router Advertisement will be opened on the port which is checked.	
DHCP Server	LAN1 🗹 DHCPv6 🗹 RA	Help
RA Service DHCP Server(IPv6)		Logout
Prefix Management		
Port Service(IPv6)		
Routing(IPv4)		
Port Configuration		
	Submit	Cancel

Figure 15: Port Service

3.3.2 Routing Information

3.3.2.1 Default Gateway

This page shows the Default Gateway information of WLAN Connection.

Status Network	Security Application Administration Help	
WAN		
LAN	WAN Connection	
Routing(IPv4)		Help
Default Gateway		Logout
Static Routing		
Routing Table		
Port Configuration		
	Submit	Cancel

Figure 16: Default Gateway



3.3.2.2 Static Routing

This page shows the WAN Connection information.

Status Network	Security Application Administration Help	
WAN LAN Routing(IPv4) Default Gateway Static Routing Routing Table Port Configuration	WAN Connection Network Address Subnet Mask Gateway Add Network Subnet Mask Gateway Connection Status Modify Delete Address Subnet Mask Gateway WAN Connection Status Modify Delete There is no data, please add one first. There is no data, please add one first. Status Modify Delete Status Modify Delete	Help Logout

Figure 17: Static Routing

3.3.2.3 Routing Table

This page shows the Routing Table information.

Status Network	Security	Application	Admini	stration H	Help
WAN	Network Address	Subnet Mask	Gateway	Interface	
LAN	1.0.0.0	255.255.255.255	116.244.13.64	LAN	
Routing(IPv4)					
Default Gateway Static Routing Routing Table					
Port Configuration					

Figure 18: Routing Table



3.3.3 Port Configuration

3.3.3.1 Mode

This page shows the port name and port mode.

Status Netwo	rk Security	Application	Administration	Help		
WAN		Port	GE1 ¥			
LAN		Mode	Auto	~		
Routing(IPv4)						Help
Port Configuration						Logout
Mode Port Isolation						
Rate Limiting						
Flow Control						
MAC Configuration						
					Submit	Cancel

Figure 19: Mode

3.3.3.2 Port Isolation

This page shows the port name and isolation status.

Status Network	Security	Application	Administration	Help		
WAN		P +				
LAN		Isolate (
Routing(IPv4)						Help
Port Configuration						Logout
Mode						
Port Isolation Rate Limiting						
Flow Control						
MAC Configuration						
					Submit	Cancel

Figure 20: Port Isolation



3.3.3.3 Port Isolation

This page shows the port name and rate limiting range.

Status Network	Security Application Administration Help	
WAN		
LAN		
Routing(IPv4)	Port GE1 V	Help
Port Configuration	Ingress Rate limiting 1024000 kbps(0~1024000)	
Fore configuration	DS Rate limiting 1024000 kbps(0~1024000)	Logout
Mode		
Port Isolation		
Rate Limiting		
Flow Control		
MAC Configuration		
	Submit	Cancel

Figure 21: Rate Limiting

3.3.3.4 Flow Control

This page shows the port name and flow control status.

Status Network	Security Application Administration Help	
WAN	Port GE1 V	
Routing(IPv4)	Flow Control	Help
Port Configuration	[Logout
Port Isolation		
Flow Control		
	Submit	Cancel

Figure 22: Flow Control



3.3.3.5 MAC Configuration

This page shows the MAC configuration information.

Status Network	Security Application Administration Help	
WAN		
LAN	MAC Aging Time 60 secs	
Routing(IPv4)		Help
Port Configuration Mode Port Isolation Rate Limiting Flow Control MAC Configuration	Learning Limit 4095 (0~4096) Learning Limit value of "4096", means no limit.	Logout
	Submit	Cancel

Figure 23: MAC Configuration

3.4 Security

3.4.1 Firewall

This page shows the Firewall configuration information.

Status	I	Network	I	Security	Applic	cation		Administration	Help		
Firewall Firewall				Enable Anti	-Hacking Pr Firewa	otection [all Level					
Service Cont	rol					0	Off	f			Help
MAC Filter							D Lov Mic	w ddle gh <u>stom >></u>			Logout
										Submit	Cancel

Figure 24: Firewall



3.4.2 Service Control

This page shows the IP and service information.

Status Network	Security	Application	Administra	tion	Help		
Firewall		TD \/	TD-14				
Service Control		IP version Enable		•			
Service Control		Ingress	;	、 、	•		Help
MAC Filter	Star	t Source IP Address					Logout
	En	d Source IP Address	;				Logout
		Mode	Discard	~			
		Service List	🗆 нттр				
		Service List					
			Add				
	Enable Ingress	Start Source IP Address	End Source IP Address	Mode	Service List	ModifyDelete	
	VAN 🗸			Discard	TELNET	2	
	VAN WAN			Discard	HTTP	2	
	V LAN			Permit	TELNET	2	

Note: If you need to configure the above remote access ports, please click on the hyperlinks below. <u>Modify Remote Access Port</u>

Figure 25: Service Control

3.4.3 Mac Filter

This page shows the Mac configuration information.

Status Network	: Security Application Administration Help	
Firewall	1. If you choose the Permit mode, please add the MAC address of	
Service Control	your PC first, otherwise internet access is not allowed.	
MAC Filter	2. Enable switching of Mode switching will take effect immediately.	Help
MAC Filter	Enable	Logout
	Mode Discard V	
	Type Bridge 🗸	
	Protocol IP 🗸	
	Source MAC Address	
	Destination MAC Address : : : : : : : : : : : : : : : : : :	
	Add	
	Type Protocol Source MAC Address Destination MAC Address Modify Delete	
	There is no data, please add one first.	

Figure 26: MAC Filter



3.5 Application

3.5.1 MultiCast

3.5.5.1 IGMP Mode

This page shows the IGMP Mode selection.

Status Network	a Security	Application	Administration	Help		
MultiCast						
IGMP Mode	Multi	cast Mode Snoop	ing Mode 🗸 🗸			
Basic Configuration						Halp
Maximum Address						пер
Configuration						Logout
BPDU						
Port Forwarding						
					Submit	Cancel

Figure 27: IGMP Mode

3.5.5.2 Basic Configuration This page shows the Basic Configuration.

Status Networl	k Security Application Administration H	lelp
Status Network MultiCast IGMP Mode Basic Configuration Maximum Address Configuration BPDU Port Forwarding	Aging Time 300 (1-604800) sec Non-fast Leave	Help Logout
		Submit Cancel

Figure 28: Basic Configuration



3.5.5.3 Maximum Address Configuration

This page shows the maximum number of addresses.

Status Network	Security	Application	Administration	Help		
MultiCast IGMP Mode	🔔 The Ma	aximum Number of Ad	dresses is 1024.			
Basic Configuration Maximum Address Configuration	Port LAN1	Maximum Numl 1024	oer of Addresses			Help
BPDU						5
Port Forwarding						
					Submit	Cancel

Figure 29: Maximum Address Configuration

3.5.5.4 BPDU

This page shows BPDU forwarding enable status.

MultiCast BPDU BPDU BPDU Help	
BPDU BPDU Help	_
BPDU	
	>
Port Forwarding	ut
Submit Cance	al

Figure 30: BPDU



3.5.5.5 Port Forwarding

This page shows port forwarding configuration information.



Figure 31: Port Forwarding

3.6 Administration

3.6.1 User Management.

This page shows administration user basic configuration information.

Status Network	Security Application Administration Help	
User Management User Management	User Privilege: Administrator User	
Login Timeout		Help
Device Management	Username admin Old Password	Logout
Diagnosis	New Password	
Loopback Detection	Confirmed Password	
Led Control		
	Submit	Cancel

Figure 32: User Management



3.6.2 Login Timeout

This page shows login timeout information.

Status Network	a Security	Application	Administra	ation Help		
User Management	A 1.	Any value between 1	minute and 30 mi	nutes is allowed.		
Login Timeout	4 2.	The changes of Timeo	out take effect afte	er re-login.		
Login Timeout		Timeout	5	minute(s)		Help
Device Management						Logout
Diagnosis						
Loopback Detection						
Led Control						
					Submit	Cancel

Figure 33: Login Timeout

3.6.3 Device Management

3.6.3.1 System Management

This page shows reboot device and restore factory default settings operations.

Status Network	(Security Application Administration Help	
User Management Login Timeout Device Management	Click this button to reboot the device.	Help
System Management Software Upgrade User Configuration Management	Click this button to restore the configuration to factory default settings. The device will reboot after operating. Restore Default	Logout
Diagnosis		
Loopback Detection		
Led Control		

Figure 34: System Management



3.6.3.2 System Management

This page shows software upgrade operation.

Status Network	Security Application Administration Help
User Management	The device will reboot after upgrading.
Login Timeout	
Device Management	Please select a new software/firmware image
System Management	Choose file
Software Upgrade	Upgrade
User Configuration Management	
Diagnosis	
Loopback Detection	
Led Control	

Figure 35: Software Upgrade

3.6.3.3 User Configuration Management

This page shows user backup and restore configuration.

Status Network	Security Application Administration Help	
User Management	Backup user configuration file from the device	
Device Management System Management	The device will reboot after operating.	Help
Software Upgrade User Configuration Management	Please select a user configuration file Choose file	
Diagnosis	Restore Configuration	
Loopback Detection		
Led Control		

Figure 36: User Configuration Management



3.6.4 Diagnosis

3.6.4.1 Ping Diagnosis

This page shows Ping Diagnosis configuration.

Status Network	Security Application Administration Help		
User Management	ID Address or Hest Name		
Login Timeout	Egress		
Device Management			Help
Diagnosis Ping Diagnosis Mirror Configuration			Logout
Loopback Detection			
Led Control			
		Submit	Cancel

Figure 37: Ping Diagnosis

3.6.4.2 Mirror Configuration

This page shows Mirror Configuration of source and destination.

Status Network	Security Application Administration Help	
User Management	Cannot configure the same rules, and a source port cannot	
Login Timeout	correspond to multiple destination ports.	
Device Management	Source 🗸	Help
Diagnosis Ping Diagnosis	Destination LAN1 ~ Add	Logout
Mirror Configuration	Source Destination Delete There is no data, please add one first.	
Loopback Detection		
Led Control		

Figure 38: Mirror Configuration



3.6.5 Loopback Detection

3.6.5.1 Basic Configuration

This page shows loopback basic configuration.

Status Networl	c Security Applicatio	on Administ	tration	Help		
Status Networl User Management Login Timeout Device Management Diagnosis Loopback Detection Basic Configuration Enable Configuration	c Security Applicatio Destination MAC: Ethernet Type Send Interval Port Closing Time Loopback Recovery Time	Administ Administ Broadcast Addres 880a 250 60 15	tration ss OBPDU A (hex 0000 (100 - 1000 (60 - 300)se (5 - 300)se	Help ddress - ffff) 0) ms sec ec		Help Logout
VLAN Configuration					Submit	Cancel

Figure 39: Basic Configuration

3.6.5.2 Enable Configuration

This page shows configuration enable data.

Status Network	Se	ecurity Appli	cation Ad	ministration	Help		
User Management	Deat	Leephoels Frable		Destdialases	d Fachla		
Login Timeout	LAN1				d Enable		
Device Management	· · · · ·		1				Help
Diagnosis							Logout
Loopback Detection							Logour
Basic Configuration							
Enable Configuration							
VLAN Configuration							
Led Control							
						Submit	Cancel

Figure 40: Enable Configuration



3.6.5.3 VLAN Configuration

This page shows vlan configuration data.

Status Network	Security Application Administration Help	
User Management		
Login Timeout	Port LAN1 🗸	
Device Management	VLAN (1 - 4094)	Help
Diagnosis	Add	Logout
Loopback Detection Basic Configuration Enable Configuration VLAN Configuration Led Control	Port VLAN Modify Delete There is no data, please add one first.	

Figure 41: VLAN Configuration

3.6.6 Led Control

This page shows led control operation.

Status Network	c	Security	Ι	Application	I	Administration	I	Help		
User Management										
Login Timeout				Turn Off Leds						
Device Management										Help
Diagnosis										Logout
Loopback Detection										
Led Control										
Led Control										
									Submit	Cancel

Figure 42: Led Control



3.7 HELP

This page shows Help page.

Status Network	Security Application Administration Help	
Help		
НеІр	Status	
	Network Security	
	Application	Help
		Logout
	Status	
	Device Information	
	Device Information Display primary information of this device; model name, serial	
	number, soft version, boot version, etc.	
	WAN Connection	
	This page displays basic information of WAN connection.	
	[<u>Top</u>]	
	Show PON state, PON port input power (dBm), PON port output	
	power (dBm), optical module supply voltage (μV), optical transmitter bias current (μΑ), optical modules Operating	
	temperature (in degrees) and other information.	
	PON Alarm	
	Display equipment alarm, service quality alarm, error alarm,	
	information.	
	[<u>Top</u>] User Interface	
	Ethernet	
	Display the Ethernet port information, including port name, link	
	status, packets/bytes received, packets/bytes sent, etc.	
	Network	
	WAN Connection	
	Ethernet broadband settings:	
	 IPv4 correlative: Connection Mode, including Routing and Bridge, Routing, including PPPoE(please select it to get IP 	
	address dynamically if your ISP uses PPPoE)/ DHCP(get IP	
	address dynamically from your ISP// Static(set static IP address), etc. Bridge mode is transparent bridge(communication	
	between different networks like in the same physical LAN). Some other basic options: VLAN, etc.	
	2. IPv6 correlative: Manual mode, manually specify GUA,	
	LAN	
	DHCP Server	
	 Supporting the management of the Home Gateway IP addres Dynamic Address management, including Dynamic Address 	
	distribution, and parameters distributed to equipment, such as	
	iease time, address range, DNS, etc.	
	RA Service	
	Router Advertisement(RA) is called stateless address	
	include MTU, prefix, DNS and hop limit. The period in random i	
	between mintime and maxtime. Managed address configuration(M) flag, when set, bosts use the DHCDv6 protoco	
	for address auto configuration. Other stateful configuration(O)	
	flag, When set, hosts use the DHCPv6 protocol for auto configuration of other (non-address) information.	
	[<u>Top</u>]	



DHCP Server(IPv6)

addross and	the management of the Home Gateway 1996
2.IPv6 Dynar IPv6 address Service: enal Time: configu Distributed A client unique Residual Ren distributed to	ic Address management: IP Address: configure the and prefix length of the gateway. Enable DHCP ole/disable DHCPv6 service function. DNS Refresh ire the DNS refresh time distributed to client. ddress List: DUID: DUID of client, identifies one y. IP Address, IPv6 address distributed to client. t Time: the residual rent time of IPv6 address o client.
Prefix Manag	ement
This page is o The prefix ca And the infor source is Nor	ised to display and modify the prefix information. n be obtained automatically, or configued manually. mation is not allowed to be modified when prefix ie.
Port Service(DHCPv6 or R	
or RA is chec	ked.
Routing(IP)	(<u>Top</u>)
Default Gate Default Route as the defaul	vay Interface Configuration: specify a WAN connection t one for routing.
Static Routin Static Routin Route Interfa Routing Tabl Route Inform Gateway, Int	g g Configuration:select a WAN connection as the ce, then configure destination IP, Mask, Gateway. e nation View, such as Network Address, Subnet Mask, terface Information.
Port Config	uration
Mode Set the mod	e of the port.
Mode Set the mod Port Isolation Set port isol	e of the port. [<u>Top]</u> 1 ation.
Mode Set the mod Port Isolation Set port isol Rate Limiting Set the spee	e of the port. [<u>Top</u>] ation. [<u>Top</u>] J d limit for the port.
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IGMP Mode Enable IGMP Proxy, IGMP Snooping, IGMP Custom and configure some other parameters. -----[Top] Basic Configuration Set the Aging Time and Leave Mode for MultiCast Module. -----[<u>Top</u>] Maximum Address Configuration The Maximum Number of Addresses can be set to different port, and the user interface will display the new Configuration. -----[Top] BPDU _____ BPDU Configuring to control BPDU data frames. if BPDU Forwarding is enabled, BPDU data frames will be replied, otherwise those will be processed in device. -----[<u>Top</u>] Port Forwarding _____ Port Forwarding Users can use the application name to set a virtual server. if you enable virtual server configuration, you can use Wide Area Network to access the virtual host. -----[<u>Top</u>] Administration _____ User Management _____ User Management Maintaining the WEB users accounts information of the device. -----[Top] Login Timeout -----Login Timeout Login timeout configuration. -----[Top] Device Management _____ System Management Reboot or restore default if needed. -----[<u>Top</u>] Software Upgrade Upgrade software version by the operation. -----[<u>Top</u>] User Configuration Management Export User Configuration: export user configuration file from device. Import User Configuration: import specified user configuration file to device. -----[<u>Top</u>] Diagnosis _____



Ping Diagnosis

This pages is used for diagnosing the network connectivity from this device to the specified IP address or host name.

-----[<u>Top</u>]

Mirror Configuration

Mirror configure, which is used to send mirror data of WAN connection to LAN, then developers or maintenance personnel can analyze caught packets.

-----[<u>Top</u>]

Loopback Detection

Basic Configuration

This page is used to configure the loopback global configuration. Port Closing Time is the port shut down time when loopback detected;Loopback Recovery Time is used to determine if loopback disappears.If the period of this time has not received detection packets, namely, that the loop disappears. ------[Top]

Enable Configuration

VLAN Configuration

This page is used to configure the VLAN for detection packets, distinguish between the ports.

-----[<u>Top</u>]

Led Control

Led Control

can control the leds on the ONU.

------[<u>Top</u>]

Help

Help

Help

Help to learn the function and how to use this device. [Top]

Figure 43: Help



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