

LL-EPOLT304 EPON OLT

WEB USER MANUAL

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Chapter 1 Monitor

1.1 System Information

1.1.1 Login OLT

The default management address of the OLT is 192.168.168.1, the PC is configured as the address of the 192.168.168.X, and the network cable is connected to the MGMT port to access the OLT. The default user name and password are admin/admin.

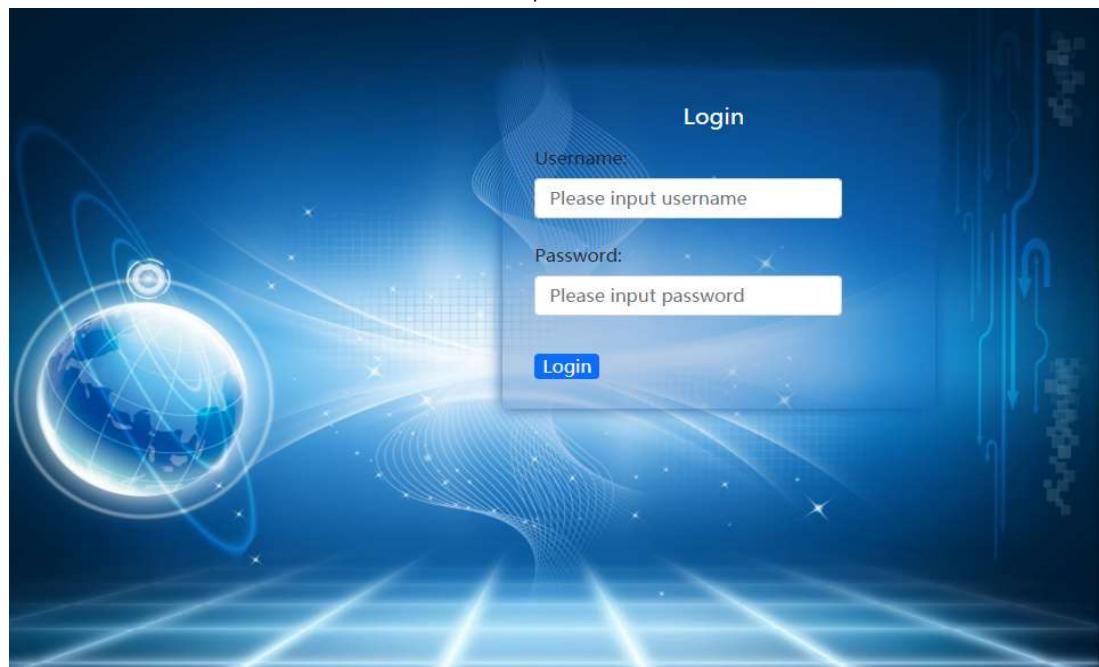


Figure1-1

1.1.2 Device Information

- 1.Click Monitor-> System Information-> Device Information
2. This page displays information such as device description, hardware version, software version, and MAC address.

The screenshot shows a left sidebar with navigation options: System Information, Device Information (selected), Port Information, EPON Information, ONU information, and Syslog Information. The main content area is titled 'Device Informations' and lists the following parameters:

Product description	E04 EPON Product
Hardware version	V1.0
Software version	EPON E04 V1.00.B04
MAC address	00:88:88:55:66:77
System startup time	0-Days 0-Hours 21-Minutes 36-Seconds
Web page timeout (in minute)	5
System Clock	Fri 2021/09/17 09:22:33 CCT 08:00
Board Temperature	46.750000(°C)

A 'Refresh' button is located at the bottom of the content area.

Figure 1-2

1.2 Port Information

Port information displays device port status, port traffic statistics, and uplink optical module information.

1.2.1 Basic Information

1. Click Monitor-> Port Information-> Basic Information

2. This page displays the port status, priority, speed, MTU, description and other information.

The screenshot shows a left sidebar with navigation options: System Information, Device Information, Port Information (selected), Basic Information (selected), Basic Statistics, Detail Statistics, Optical Module, EPON Information, Port Statistics, ONU information, and Syslog Information. The main content area is titled 'Basic Information' and contains a table of port details:

Port Number	Port Name	Status	Link	Priority	Set speed	Actual speed	MTU	Port description (0-128 chars)
1	e0/0/1	enabled	down	0	auto	unknown	9600	
2	e0/0/2	enabled	down	0	auto	unknown	9600	
3	e0/0/3	enabled	down	0	auto	unknown	9600	
4	e0/0/4	enabled	down	0	auto	unknown	9600	
5	e0/1/1	enabled	down	0	full-10g	unknown	9600	
6	e0/1/2	enabled	down	0	full-10g	unknown	9600	
7	e0/1/3	enabled	down	0	full-10g	unknown	9600	
8	e0/1/4	enabled	down	0	full-10g	unknown	9600	
9	epon0/2/1	enabled	up	0	auto	full-1000	9600	
10	epon0/2/2	enabled	up	0	auto	full-1000	9600	
11	epon0/2/3	enabled	up	0	auto	full-1000	9600	
12	epon0/2/4	enabled	up	0	auto	full-1000	9600	

Figure1-3

1.2.2 Basic Statistics

1.Click Monitor-> Port Information-> Basic Statistics

2. This page displays simple statistics about packets transmit and receive by the port.

Port Name	Receive packets	Receive bytes	Receive errors	Transmit packets	Transmit bytes	Transmit errors
e0/0/1	0	0	0	0	0	0
e0/0/2	0	0	0	0	0	0
e0/0/3	0	0	0	0	0	0
e0/0/4	0	0	0	0	0	0
e0/1/1	0	0	0	0	0	0
e0/1/2	0	0	0	0	0	0
e0/1/3	0	0	0	0	0	0
e0/1/4	0	0	0	0	0	0
epon0/2/1	0	0	0	0	0	0
epon0/2/2	0	0	0	0	0	0
epon0/2/3	0	0	0	0	0	0
epon0/2/4	0	0	0	0	0	0

Figure1-4

1.2.3 Detail Statistics

1.Click Monitor->Port Information->Detail Statistics

2. This page displays detailed statistics about the received and transmit packets on the port.

means linkup means linkdown, means the currently selected port.

Pkts 64 Bytes	115	Pkts 65-127 Bytes	16
Pkts 128-255 Bytes	0	Pkts 256-511 Bytes	2052
Pkts 512-1023 Bytes	0	Pkts 1024-1518 Bytes	0
RX Unicast Pkts	0	TX Unicast Pkts	0
RX Multicast Pkts	2183	TX Multicast Pkts	0
RX Broadcast Pkts	0	TX Broadcast Pkts	0
RX Frames	0	TX Frames	0
RX Bytes	728240	TX Bytes	0
RX Discarded Pkts	0	TX Discarded Pkts	0
RX Errors	0	TX Errors	0

Figure1-5

1.2.4 Optical Module

- 1.Click Monitor->Port Information->Optical Module
2. This page displays the basic information and DDM information of the optical module of the uplink port.

The screenshot shows two tables side-by-side. The left table, titled 'Optical Module Basic Information', has columns for Port Name, Transceiver, Compliance, Connector, WaveLength(nm), Transfer Distance(m), DDM, Serial Number, Date, and Vendor. It shows one entry for port e0/1/1 with SFP/SFP+ transceiver, 10G BASE-SR compliance, LC connector, 0 nm wavelength, 80(50um) transfer distance, yes DDM, NET170925B027 serial number, 2017-09-25 date, and OEM vendor. The right table, titled 'Optical Module DDM Information', has columns for Port Name, Temperature(°C), Voltage(V), Bias Current(mA), RX Power(dBm), and TX Power(dBm). It shows one entry for port e0/1/1 with 33°C temperature, 3.32V voltage, 6.97mA bias current, -22.92 dBm RX power, -1 dBm high threshold, -19 dBm low threshold, -2.61 dBm TX power, 0 dBm high threshold, and -9 dBm low threshold. A 'Refresh' button is at the bottom of the table.

Figure 1-6

1.3 EPON Information

1.3.1 Port Statistics

- 1.Click Monitor->EPON Information->Port Statistics
2. This page displays PON port optical modules and PON port traffic statistics.

The screenshot shows two tables side-by-side. The left table, titled 'EPON Optical Power Statistics', has columns for Port Name, Optical Module, Link Status, Temperature(°C), Voltage(V), Bias Current(mA), Tx Power(dBm), and Rx Power(dBm). It shows four entries for ports ep0n0/2/1 through ep0n0/2/4, all of which do not exist. The right table, titled 'EPON Traffic Statistics', has columns for Port Name, Status, Rx Bytes, Rx Pkts, Rx Unicast Pkts, Rx Multicast Pkts, Rx Broadcast Pkts, Rx Error Pkts, Tx Bytes, Tx Pkts, Tx Unicast Pkts, Tx Multicast Pkts, Tx Broadcast Pkts, and Tx Error Pkts. It shows four entries for ports ep0n0/2/1 through ep0n0/2/4, all of which are ready. A 'Clear Traffic Statistics' and 'Refresh' button are at the bottom of the table.

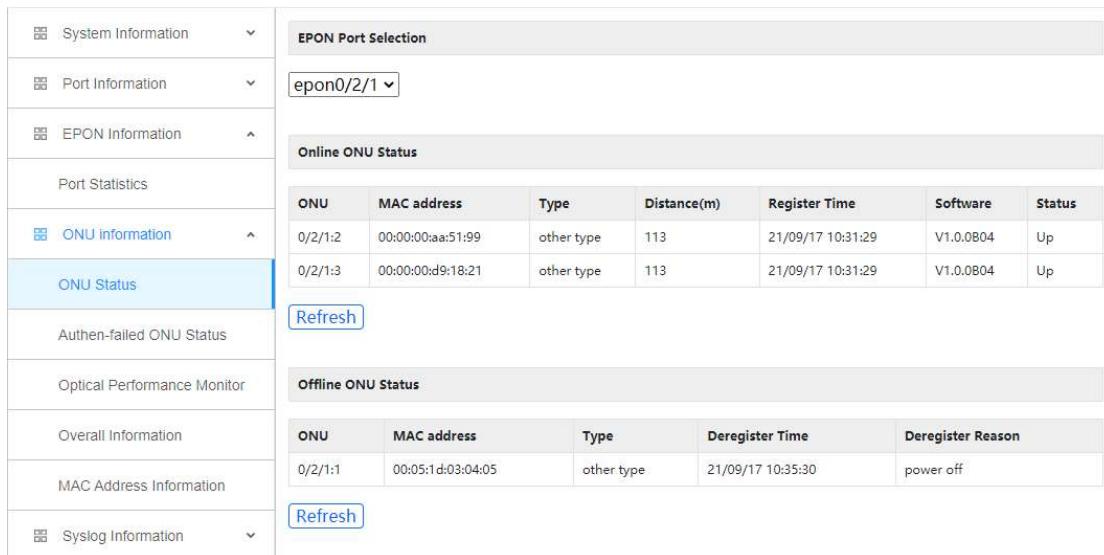
Figure1-7

1.4 ONU Information

ONU information includes ONU status, power, temperature and other information.

1.4.1 ONU Status

- 1.Click Monitor->ONU information->ONU Status
2. This page displays ONU's mac address, type, registration time and software information, etc.



The screenshot shows a web-based monitoring interface for EPON ports. On the left, a sidebar menu lists various monitoring categories. The 'ONU Information' category is expanded, and its 'ONU Status' sub-item is selected, highlighted with a blue border. To the right, there are two main sections: 'EPON Port Selection' at the top, which shows 'epon0/2/1' selected; and 'Online ONU Status' below it, which contains a table of active ONUs. Another 'Refresh' button is located just below this table. Further down, there is another 'Refresh' button next to a 'Offline ONU Status' section, which currently displays no data.

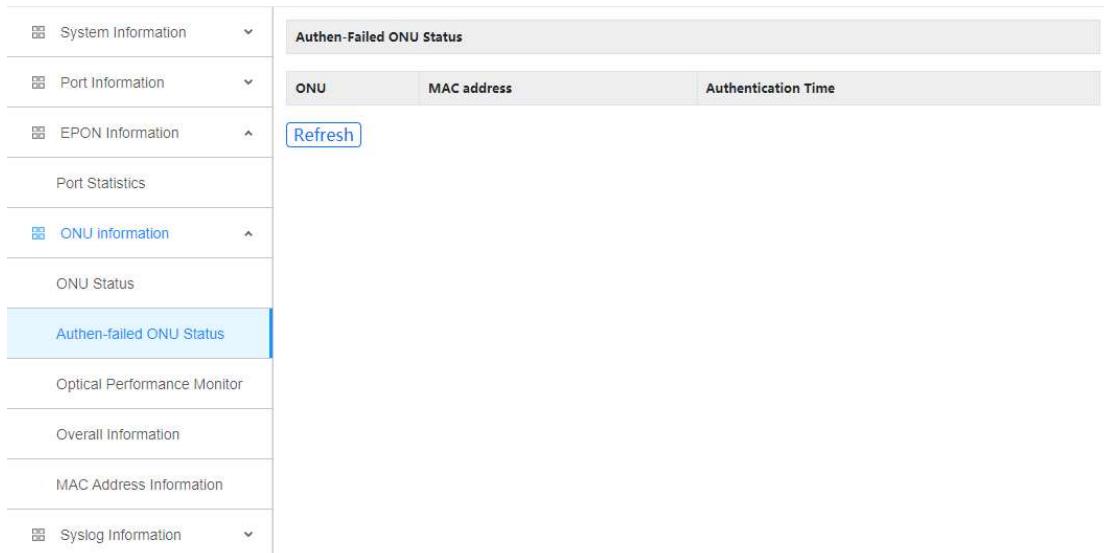
ONU	MAC address	Type	Distance(m)	Register Time	Software	Status
0/2/1:2	00:00:00:aa:51:99	other type	113	21/09/17 10:31:29	V1.0.0B04	Up
0/2/1:3	00:00:00:d9:18:21	other type	113	21/09/17 10:31:29	V1.0.0B04	Up

ONU	MAC address	Type	Deregister Time	Deregister Reason
0/2/1:1	00:05:1d:03:04:05	other type	21/09/17 10:35:30	power off

Figure1-8

1.4.2 Authen-failed ONU Status

- 1.Click Monitor->ONU information->Authen-failed ONU Status
2. This page displays information about ONUs that have failed authentication.



The screenshot shows the same web-based monitoring interface as Figure 1-8. The 'Authen-failed ONU Status' sub-item under 'ONU Status' is selected, indicated by a blue border. The main content area displays a table titled 'Authen-Failed ONU Status' with columns for ONU, MAC address, and Authentication Time. A single entry is shown: ONU 0/2/1:1 with MAC address 00:05:1d:03:04:05, and the authentication time is listed as 'Authentication Time'.

ONU	MAC address	Authentication Time
0/2/1:1	00:05:1d:03:04:05	

Figure1-9

1.4.3 Optical Performance Monitor

- 1.Click Monitor->ONU information->Optical Performance Monitor
2. This page displays the ONU's temperature, voltage, biascurrent, Tx power andRx power information

The screenshot shows a web-based management interface for an EPON port. On the left, a sidebar menu lists various monitoring categories: System Information, Port Information, EPON Information, Port Statistics, ONU information (selected), ONU Status, Authen-failed ONU Status, Optical Performance Monitor (selected), Overall Information, MAC Address Information, and Syslog Information. The main content area has two sections: 'EPON Port Selection' (set to 'epon0/2/1') and 'ONU Optical Performance Diagnose'. The 'ONU Optical Performance Diagnose' section contains a table with six columns: ONU, Work Temperature(°C), Supply Voltage(V), Bias Current(mA), Tx Power(dBm), and Rx Power(dBm). Two ONUs are listed: ONU 0/2/1:2 with values 39, 3.20, 12.35, 2.3300, and -21.6115; and ONU 0/2/1:3 with values 37, 3.22, 18.75, 2.4199, and -24.0894. A 'Refresh' button is located below the table.

ONU	Work Temperature(°C)	Supply Voltage(V)	Bias Current(mA)	Tx Power(dBm)	Rx Power(dBm)
0/2/1:2	39	3.20	12.35	2.3300	-21.6115
0/2/1:3	37	3.22	18.75	2.4199	-24.0894

Figure1-10

1.4.4 Overall Information

- 1.Click Monitor->ONU information->Overall Information
2. This page displays ONU's CTC version, SN, Chip and Firmware information

The screenshot shows a web-based management interface for an EPON port. The sidebar menu is identical to Figure 10, with 'ONU information' selected. The main content area has two sections: 'EPON Port Selection' (set to 'epon0/2/1') and 'ONU information'. The 'ONU information' section contains a table with columns: CTC Version, Serial Number, Chip, Firmware, Capabilities-1, and Capabilities-2. Two ONUs are listed: ONU 0/2/1:2 with values GPON (HEX: 47 50 4f 4e), F628 (HEX: 46 36 32 38), 00:00:00:aa:51:99, V1.0, and V1.0.0B04; and ONU 0/2/1:3 with values GPON (HEX: 47 50 4f 4e), F627 (HEX: 46 36 32 37), 00:00:00:d9:18:21, V1.0, and V1.0.0B04. A 'Refresh' button is located below the table.

ONU	Vendor ID	ONU Model	ONU ID	Hardware Version	Software Version
0/2/1:2	GPON (HEX: 47 50 4f 4e)	F628 (HEX: 46 36 32 38)	00:00:00:aa:51:99	V1.0	V1.0.0B04
0/2/1:3	GPON (HEX: 47 50 4f 4e)	F627 (HEX: 46 36 32 37)	00:00:00:d9:18:21	V1.0	V1.0.0B04

Figure1-11

1.4.5 MAC Address Information

1. Click Monitor->ONU information->MAC Address Information
2. This page displays the MAC address learned by ONU

The screenshot shows a web-based management interface. On the left is a sidebar menu with the following items:

- System Information
- Port Information
- EPON Information
- Port Statistics
- ONU information** (selected)
- ONU Status
- Authen-failed ONU Status
- Optical Performance Monitor
- Overall Information
- MAC Address Information** (selected)
- Syslog Information

The main content area has a header "ONU Selection" with dropdown menus set to "epon0/2/1" and "ONU: 2". Below this is a table titled "ONU[epon0/2/1:2] MAC Address Informations". The table has columns for VLAN, MAC, and Status. One row is shown:

VLAN	MAC	Status
100	00:00:00:d9:18:21	dynamic

A blue "Refresh" button is located below the table.

Figure 1-12

1.5 Syslog Information

1. Click Monitor->Syslog Information
2. This page displays the system log. The log records up to 10,000 entries, and it will be automatically overwritten when exceeded.

The screenshot shows a web-based management interface. On the left is a sidebar menu with the following items:

- System Information
- Port Information
- EPON Information
- Port Statistics
- ONU information** (selected)
- ONU Status
- Authen-failed ONU Status
- Optical Performance Monitor
- Overall Information
- MAC Address Information** (selected)
- Syslog Information

The main content area has a header "Syslog Log Informations". Below this is a table titled "Log Information" with columns for Index and Log Information. Ten log entries are listed, each with a timestamp and a log message. The 5th entry is highlighted in blue.

Index	Log Information
1	01:34:33: %ONU-6-Informational: 2021/09/17 10:35:30 LINK EVENT (onu status): Dereg onu 0/2/1:1 mac 00:05:1d:03:04:05 reason ONU TIMEOUT, type 1G/1G
2	01:34:32: %ONU-6-Informational: 2021/09/17 10:35:29 onu 0/2/1:1 mac 00:05:1d:03:04:05 power off, olt = 1
3	01:30:35: %ONU-6-Informational: AUTH EVENT : current status disable authentication: epon port 0/2/1, onu mac 00:00:00:d9:18:21, loid: NULL passwid: NULL check passed.
4	01:30:35: %ONU-6-Informational: AUTH EVENT : current status disable authentication: epon port 0/2/1, onu mac 00:00:00:aa:51:99, loid: NULL passwid: NULL check passed.
5	01:30:32: %ONU-6-Informational: 2021/09/17 10:31:29 LINK EVENT (onu status): Reg onu 0/2/1:3 mac 00:00:00:d9:18:21 reason Auth passed, type 1G/1G
6	01:30:32: %ONU-6-Informational: 2021/09/17 10:31:29 LINK EVENT (onu status): Reg onu 0/2/1:2 mac 00:00:00:aa:51:99 reason Auth passed, type 1G/1G
7	01:30:31: %ONU-6-Informational: AUTH EVENT : current status disable authentication: epon port 0/2/1, onu mac 00:05:1d:03:04:05, loid: NULL passwid: NULL check passed.
8	01:30:31: %EPON-6-Informational: 2021/09/17 10:31:27 LINK EVENT (olt status): epon port 0/2/1 link up
9	01:30:31: %ONU-6-Informational: 2021/09/17 10:31:27 LINK EVENT (onu status): Reg.onu 0/2/1:1 mac 00:05:1d:03:04:05 reason Auth passed, type 1G/1G
10	01:30:21: %ONU-6-Informational: 2021/09/17 10:31:17 LINK EVENT (onu status): Dereg onu 0/2/2:2 mac 00:00:00:aa:51:99 reason ONU TIMEOUT, type 1G/1G

Figure1-13

Chapter 2 System Management

System OEM information modification and user management, etc.

2.1 System Information

- 1.Click Config->System Management->System Information
- 2.This page is configure and display the OEM information of OLT.

System information settings	
System description	EPON OLT
System object ID	1.3.6.1.4.1.8888.1.3.32.1
System port quantity	12
System startup time	02 hour 06 minute 22 second 71 tick
System name	EPON E04
System location	
System contact	
Product description	E04 EPON Product

[Refresh](#) [Modify](#)

Figure2-1

2.2 Web Timeout

- 1.Click Config->System Management->Web Timeout
2. This page configures the web timeout time, which can be 5, 10, 15 and 20 minutes.

Web page timeout settings	
Current web page timeout:20minutes	
Select new web page timeout:	20 minutes 5 10 15 20
Apply	

Figure2-2

2.3 User Management

User management is used to modify, add and delete new users. The system administrator account cannot be deleted, and the user administrator account cannot modify user permissions, and cannot add user accounts.

2.3.1 User Overview

- 1.Click Config->System Management->User Management->User Overview
2. This page displays all the accounts and privilege of the device.

Current users (support max 8 users)	
User name	User privilege
admin	Administrator
test	Administrator

Figure2-3

2.3.2 User Add

- 1.Click Config->System Management->User Management->User Add
- 2.This page is used to add user account and password.

Add new user (support max 8 users)	
New user name (1-32 characters)	<input type="text" value="test"/>
Password (1-16 characters)	<input type="password" value="*****"/>
Confirm password	<input type="password" value="*****"/>
User privilege	<input type="button" value="Administrator"/>

Figure2-4

2.3.3 User Modify

- 1.Click Config->System Management->User Management->User Modify
- 2.This page is used to modify user password and user privilege. The admin account privilege cannot be modified. Only the admin account can modify the privilege of other users.

Figure2-5

2.3.4 User Delete

- 1.Click Config->System Management->User Management->User Delete
2. This page is used to delete user accounts. Only admin user can perform this operation.

Figure2-6

Chapter 3 Port Management

Port management configures port mirror, port isolation, storm control and bandwidth control.

3.1 Basic Configuration

1. Click Config->Port Management->Basic Configuration
2. This page configures the OLT port status, priority, rate, MTU, and port description information.

Port Number	Port Name	Status	Link	Priority	Set speed	Actual speed	MTU	Port description (0-128 chars)
1	e0/0/1	enable	up	0	auto	full-1000	9600	test
2	e0/0/2	enabled	down	0	auto	unknown	9600	test
3	e0/0/3	enabled	down	0	auto	unknown	9600	
4	e0/0/4	enabled	up	0	auto	full-1000	9600	
5	e0/1/1	enabled	down	0	full-10g	unknown	9600	
6	e0/1/2	enabled	down	0	full-10g	unknown	9600	
7	e0/1/3	enabled	down	0	full-10g	unknown	9600	
8	e0/1/4	enabled	down	0	full-10g	unknown	9600	
9	epon0/2/1	enabled	up	0	auto	full-1000	9600	
10	epon0/2/2	enabled	up	0	auto	full-1000	9600	
11	epon0/2/3	enabled	up	0	auto	full-1000	9600	
12	epon0/2/4	enabled	up	0	auto	full-1000	9600	

Figure3-1

3.2 Port Mirror

1. Click Config->Port Management->Port Mirror
2. This page configures the port mirror function.

Port	Mirrored	Direction
e0/0/1	<input checked="" type="checkbox"/>	Both
e0/0/2	<input checked="" type="checkbox"/>	Both
e0/0/3	<input checked="" type="checkbox"/>	Both
e0/0/4	<input type="checkbox"/>	Both
e0/1/1	<input type="checkbox"/>	Both
e0/1/2	<input type="checkbox"/>	Both
e0/1/3	<input type="checkbox"/>	Both
e0/1/4	<input type="checkbox"/>	Both
epon0/2/1	<input type="checkbox"/>	Both
epon0/2/2	<input type="checkbox"/>	Both
epon0/2/3	<input type="checkbox"/>	Both
epon0/2/4	<input type="checkbox"/>	Both

Figure3-2

3.3 Port Isolation

1.Click Config->Port Management->Port Isolation

2. This page configures the port isolation function. The ports in the isolation group are isolated from each other and can only communicate with the uplink port, cannot communicate with other ports.

Port	Uplink Port List (e.g.: 2,4,7-9)
1	11
2	11
3	11
4	11
5	
6	
7	
8	
9	
10	
11	
12	

Apply Cancel

Figure 3-3

3.4 Storm Control

1.Click Config->Port Management->Storm Control

2. This page configures the storm control function, packets exceeding the configured speed will be discarded

Port Name	Broadcast(unit:pps)	Multicast(unit:pps)	Unicast(unit:pps)
e0/0/1	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
e0/0/2	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
e0/0/3	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
e0/0/4	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
e0/1/1	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
e0/1/2	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
e0/1/3	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
e0/1/4	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
ep0n0/2/1	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
ep0n0/2/2	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
ep0n0/2/3	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps
ep0n0/2/4	<input checked="" type="checkbox"/> 500 pps	<input type="checkbox"/>	<input checked="" type="checkbox"/> 500 pps

Refresh Apply Cancel

Figure3-4

3.5 Bandwidth Control

- 1.Click Config->Port Management->Bandwidth Control
2. This page configures the ingress and egress rate of the OLT port, and the bandwidth is limited to an integer multiple of 64

Port Name	Ingress Rate	Egress Rate
e0/0/1	0 kbps	0 kbps
e0/0/2	0 kbps	0 kbps
e0/0/3	0 kbps	0 kbps
e0/0/4	0 kbps	0 kbps
e0/1/1	0 kbps	0 kbps
e0/1/2	0 kbps	0 kbps
e0/1/3	0 kbps	0 kbps
e0/1/4	0 kbps	0 kbps
ep0n0/2/1	0 kbps	0 kbps
ep0n0/2/2	0 kbps	0 kbps
ep0n0/2/3	0 kbps	0 kbps
ep0n0/2/4	0 kbps	0 kbps

Figure3-5

Chapter 4 Basic Service

Basic services include VLAN, management IP, Layer 2 multicast, STP, LACP and other functions.

4.1 VLAN Configuration

VLAN configuration can create VLANs and bind ports

4.1.1 Static VLAN

- 1.Click Config->Basic Service->VLAN Configuration->Static VLAN
2. This page can add, modify, delete, and add description information for VLANs.

The screenshot shows the 'Static VLAN settings' interface. On the left, a sidebar lists various configuration categories. The 'VLAN Configuration' section is expanded, and 'Static VLAN' is selected. The main panel is titled 'Static VLAN settings' and shows a grid of 12 ports. Below the grid, a table lists VLAN ID 100 with a description 'test'. At the bottom, there's a section for 'Port icon mapping' with three icons: 'None port', 'Tagged port', and 'Untagged port'.

Figure4-1

4.1.2 VLAN Port

- 1.Click Config->Basic Service->VLAN Configuration->VLAN Port
2. This page configures the default VLAN and mode of the port.

Port	PVID(1-4094)	Port Mode
1	1	hybrid
2	1	hybrid
3	1	hybrid
4	1	hybrid
5	1	hybrid
6	1	hybrid
7	1	hybrid
8	1	hybrid
9	1	hybrid
10	1	hybrid
11	1	hybrid
12	1	hybrid

Figure4-2

4.2 IP and Route Configuration

IP and route configuration include VLAN interface and static route.

4.2.1 MGMT IP Configuration

- 1.Click Config->Basic Service->IP and Route Configuration->MGMT IP Configuration
2. This page configures the management IP of the OLT. The default management IP is 192.168.168.1.

Figure4-3

4.2.2 VLAN IP Configuration

- 1.Click Config->Basic Service->IP and Route Configuration->VLAN IP Configuration
2. This page can add, modify and delete VLAN interface.

Select VLAN that want to configure	
0100	VLAN ID 100 IP address 10.1.1.1 Subnet mask 255.255.255.0 Refresh Add Modify Delete

(Filling new data or select one vlan to modify)

Total 1 records

Figure4-4

4.2.3 Static Route Configuration

- 1.Click Config->Basic Service->IP and Route Configuration->Static Route Configuration
2. This page displays, adds and deletes static routes.

Static Route			
Destination IP	<input type="text"/>		
Subnet mask	<input type="text"/>		
Nexthop	<input type="text"/>		
<input type="button" value="Add"/>			

Static Route Table			
DestIp	Mask	NextHop	
20.1.1.0	255.255.255.0	10.1.1.2	<input type="button" value="Delete"/>

Figure4-5

4.3 Multicast

4.3.1 Multicast Configuration

- 1.Click Config->Basic Service->Multicast->Multicast Configuration
2. This page can add, modify and delete static multicast groups.

The screenshot shows the 'Multicast settings' configuration page. On the left is a navigation tree with 'Multicast configuration' selected under 'Multicast'. The main area has two tabs: 'Multicast settings' and 'All multicast'. In 'Multicast settings', there's a 'Current multicast' section with a table showing one record (VLAN ID 100, MAC Address 01:00:5e:01:01:01) and a 'Port color mapping' section where port 1 is highlighted blue. In 'All multicast', there's a table with one entry (Number 1, VLAN ID 100, Multicast MAC Address 01:00:5e:01:01:01).

Figure4-6

4.3.2 IGMP Configuration

- 1.Click Config->Basic Service->Multicast->IGMP Configuration
- 2.This page configures IGMP snooping.

The screenshot shows the 'IGMP configuration' interface. The left navigation tree has 'IGMP configuration' selected under 'Multicast'. The right side has two sections: 'Global Setting' (with 'Igmp-snooping Enable' set to 'enable') and 'Advance Setting' (with various parameters like max response time, host aging time, and querier settings). A note at the bottom of the Advance Setting section states: '(VLAN ID range: 1~4094,input vlan list such as 8,9,11-15)'.

Figure4-7

4.4 STP Configuration

STP (Spanning Tree Protocol) is a part of the IEEE 802.1D bridge protocol. The standard STP implementation can eliminate network broadcast storms caused by network cyclic connections, eliminate cyclic connections caused by mistakes or accidents, and also provide network services. Possibility of backup connection.

4.4.1 Global Configuration

- 1.Click Config->Basic Service->Stp Configuration->Global Configuration
2. This page configures the global STP and displays STP status.

Global STP settings	
STP state	enable
<input type="button" value="Apply"/>	

Bridge settings	
Priority (0-61440, in steps of 4096)	32768
Hello Time (1-10 sec.)	2
Forward Delay (4-30 sec.)	15
Max Age (6-40 sec.)	20

STP status	
Bridge ID	32768 00:88:88:55:66:77
Root bridge ID	32768 00:88:88:55:66:77
Root port	0
Path cost to root bridge	0
STP topology changes count	0
<input type="button" value="Refresh"/> <input type="button" value="Modify"/>	
Notes: 2 * (Forward Delay - 1) >= Max Age >= 2 * (Hello Time + 1)	

Figure4-8

4.4.2 Port Configuration

- 1.Click Config->Basic Service->Stp Configuration->Port Configuration
2. This page configures the STP status, path cost, and priority. The priority of the port must be an integer multiple of 16.

Port	STP state	Port role	Path cost (1-200000000)	Priority (0-240)	Port state
1	enable	designatedPort	20000	128	forwarding

Port Information						
1	enable	designatedPort	20000	128	forwarding	
2	enable	designatedPort	200000	128	DOWN	
3	enable	designatedPort	200000	128	DOWN	
4	enable	designatedPort	20000	128	forwarding	
5	enable	designatedPort	200000	128	DOWN	
6	enable	designatedPort	200000	128	DOWN	
7	enable	designatedPort	200000	128	DOWN	
8	enable	designatedPort	200000	128	DOWN	
9	disable	disabledPort	20000	128	forwarding	
10	disable	disabledPort	20000	128	forwarding	
11	disable	disabledPort	20000	128	forwarding	
12	disable	disabledPort	20000	128	forwarding	

Figure4-9

4.5 LACP Configuration

LACP is the aggregation of multiple ports together to form an aggregation group to achieve traffic load sharing among member ports. When a link is unavailable, the link traffic will automatically switch to another link to ensure uninterrupted business traffic. An aggregation group is like a port.

4.5.1 Status Display

- 1.Click Config->Basic Service->LACP Configuration->Status Display
2. This page displays LACP configuration information.

Link Aggregation Status					
Group ID	Enabled Ports	Synchronized Ports	Aggregator ID	Criteria	Status
T0	-	-	-	-	-
T1	1-2	1	1	-	static
T2	-	-	-	-	-
T3	-	-	-	-	-
T4	-	-	-	-	-
T5	-	-	-	-	-
T6	-	-	-	-	-
T7	-	-	-	-	-

Figure4-10

4.5.2 LACP Configuration

- 1.Click Config->Basic Service->LACP Configuration->LACP Configuration
2. This page configures LACP. Only ports with the same VLAN can be configured in the same group.

Port	Group ID	LACP Mode
1	T1	static
2	T1	static
3	none	none
4	none	none
5	none	none
6	none	none
7	none	none
8	none	none

[Apply](#) [Reset](#)

Figure4-11

4.5.3 Protocol Control

- 1.Click Config->Basic Service->LACP Configuration->Protocol Control
2. This page activates the LACP group and configures the port priority.

Group ID	LACP Active
T0	<input type="checkbox"/>
T1	<input checked="" type="checkbox"/>
T2	<input type="checkbox"/>
T3	<input type="checkbox"/>
T4	<input type="checkbox"/>
T5	<input type="checkbox"/>
T6	<input type="checkbox"/>
T7	<input type="checkbox"/>

Port	Port Priority
*	128
1	128

Figure4-12

4.6 MAC Configuration

MAC configuration is used to add and delete port-MAC bind.

4.6.1 Port Binding Display

- 1.Click Config->Basic Service->MAC Configuration->Port Binding Dispaly
2. This page displays port-MAC binding status information.

The screenshot shows a navigation menu on the left with the following items:

- System Management
- Port Management
- Basic Service** (selected)
- VLAN Configuration
- IP and Route Configuration
- Multicast
- Stp Configuration
- LACP Configuration
- MAC Configuration**
- Port Binding Dispaly

The main content area displays a table titled "Port-MAC binding outline". The table has four columns: Port, Port-MAC binding, Port, and Port-MAC binding. The data is as follows:

Port	Port-MAC binding	Port	Port-MAC binding
1	disable	2	disable
3	disable	4	disable
5	disable	6	disable
7	disable	8	disable
9	disable	10	disable
11	disable	12	disable

Figure4-13

4.6.2 Port Binding Configuration

- 1.Click Config->Basic Service->MAC Configuration->Port Binding Configuration
2. This page can configure port-MAC binding

The screenshot shows a navigation menu on the left with the following items:

- System Management
- Port Management
- Basic Service** (selected)
- VLAN Configuration
- IP and Route Configuration
- Multicast
- Stp Configuration
- LACP Configuration
- MAC Configuration**
- Port Binding Dispaly
- Port Binding Configuration** (selected)
- SNMP Configuration
- DHCP configuration

The main content area displays a table titled "Port-MAC binding settings e0/0/1". It shows a checkbox for "Port-MAC binding enable" which is checked, and a "Modify" button.

Below this is a section titled "Add static Port-MAC entry (use current port)". It has fields for "MAC address (H:H:H:H:H:H)" and "VLAN ID", with an "Add" button.

At the bottom is a table titled "Port-MAC entries of current port". The columns are: Index, MAC address, VLAN ID, Port, Status, Delete, Index, MAC address, VLAN ID, Port, St. The data is as follows:

Index	MAC address	VLAN ID	Port	Status	Delete	Index	MAC address	VLAN ID	Port	St
1	00:00:00:00:00:10	100	e0/0/1	static	DELETE					

Figure4-14

4.7 SNMP Configuration

SNMP (Simple Network Management Protocol) is a network management standard based on the TCP/IP protocol suite, and is a standard protocol for managing network nodes in an IP network.

4.7.1 Community Configuration

1. Click Config->Basic Service->MAC Configuration->Port Binding Configuration
2. This page configures the SNMP community name (the default is iso).

The screenshot shows a configuration interface for SNMP community settings. On the left is a navigation tree with the following structure:

- System Management
- Port Management
- Basic Service** (selected)
- VLAN Configuration
- IP and Route Configuration
- Multicast
- Stp Configuration
- LACP Configuration
- MAC Configuration
- SNMP Configuration** (selected)
- Community Configuration

The main panel displays the 'SNMP community settings (support max 8 entries)' table:

ID	Name (1-20 characters)	Access privilege	Status	View (0-32 characters)
0		Read-only	Active	
1	test	Read-write	Active	iso

Buttons at the bottom of the table include Refresh, Add, Modify, and Delete.

Figure4-15

4.7.2 Trap Configuration

1. Click Config->Basic Service->SNMP Configuration->Trap Configuration
2. This page configures the Trap.

The screenshot shows a configuration interface for SNMP trap settings. On the left is a navigation tree with the following structure:

- System Management
- Port Management
- Basic Service** (selected)
- VLAN Configuration
- IP and Route Configuration
- Multicast
- Stp Configuration
- LACP Configuration
- MAC Configuration
- SNMP Configuration** (selected)
- Community Configuration
- Trap Configuration

The main panel displays the 'SNMP Trap settings' table:

SNMP Trap settings			
Trap status	enable	Apply	
ID (support max 8 entries)	Trap target IP address	Community (1-20 characters)	SNMP version
1	1.1.1.2	test	v2
1	1.1.1.2	test	v2

Buttons at the bottom of the table include Refresh, Add, Modify, and Delete.

Figure4-16

4.8 DHCP Configuration

4.8.1 DHCPSnooping

1.Click Config->Basic Service->DHCP Configuration->DHCP Snooping->DHCP snooping Setting

2.This page configures DHCP snooping, option82, trust port, etc. After enabling DHCP snooping, the trust port must be configured.

The screenshot shows a configuration interface for DHCP Snooping. On the left is a navigation tree with items like System Management, Port Management, Basic Service (selected), VLAN Configuration, IP and Route Configuration, Multicast, Stp Configuration, LACP Configuration, MAC Configuration, SNMP Configuration, DHCP Configuration (selected), and DHCP Snooping. The main panel has tabs for 'Ip-Mac Bind Setting' and 'DHCP snooping Setting' (which is selected). Under 'DHCP snooping trust port settings', there are dropdowns for 'Dhcp-snooping Enable' (set to 'enable') and 'Option82 Control' (set to 'enable'). Below these are buttons for 'Modify' and 'Refresh'. A table lists ports from 1 to 16, each with a checkbox labeled 'trust'. Ports 1 and 2 have their checkboxes checked. At the bottom are 'Apply' and 'Refresh' buttons.

Figure4-17

4.8.2 IP-MAC Bind Setting

1.Click Config->Basic Service->DHCP Configuration->DHCP Snooping

2. This page configures the IP and MAC binding function, this function needs to be used with DHCP snooping

The screenshot shows the 'IP-Mac Bind Setting' section of a network configuration interface. On the left, a navigation tree includes 'System Management', 'Port Management', 'Basic Service' (selected), 'VLAN Configuration', 'IP and Route Configuration', 'Multicast', 'Stp Configuration', 'LACP Configuration', 'MAC Configuration', 'SNMP Configuration', 'DHCP Configuration', and 'DHCP Snooping'. The 'DHCP Snooping' option is highlighted.

The main panel has tabs for 'Ip-Mac Bind Setting' (selected) and 'DHCP snooping Setting'. Under 'System security settings', there is a checkbox for 'Disable unbinding entry to access network' with a 'Modify' button. The 'Add IP-MAC-PORT-VLAN binding entry' section contains fields for 'IP Address' (20.1.1.1), 'MAC Address (H:H:H:H:H:H)' (00:00:00:00:00:11), 'Port' (e0/0/2), and 'VLAN ID' (100). An 'Add' button is present. Below this is a 'Binding table' with columns: IP address, MAC address, Port, VLAN ID, Binding status, and Delete. It lists two entries: '20.1.1.1' and '192.168.168.100'. A 'Refresh' button is at the bottom of the table.

Figure4-18

4.8.3 DHCP Server&Relay

- 1.Click Config->Basic Service->DHCP configuration->DHCP Server&Relay
- 2.This page configures DHCP server and relay.

The screenshot shows the 'DHCP Server configuration' page. The left navigation tree is identical to Figure 18, with 'DHCP Server & Relay' selected. The main area has two sections: 'DHCP Server configuration' and 'DHCP Relay Setting'. In 'DHCP Server configuration', there is a 'Select Server Id' dropdown containing '001', a 'GROUP ID' field, and a 'Server IP' field. Buttons for 'Refresh', 'Add', and 'Delete' are available, along with a note '(Filling new data or select one server id to modify)'. In 'DHCP Relay Setting', there is a 'DHCP-Relay Enable' dropdown set to 'disable', a 'Select Vlan Interface to Bind' dropdown (0100), a 'DHCP-Server Group ID' dropdown (1), and buttons for 'Bind' and 'DeBind'.

Figure4-19

Chapter 5 Advance Service

Advanced services include configuration of system time and time server.

5.1 System Time

1. Click Config->Advance Service->System Time

2. This page configures the system time and time zone, you can synchronize the local computer time

The screenshot shows the 'System Clock Setting' configuration page. On the left, there is a navigation menu with the following items:

- System Management
- System Information
- Web Timeout
- User Management
- Port Management
- Basic Service
- Advance Service (selected)
- System Time (selected)
- DNS Client
- SNTP

The main content area has two sections:

- System Clock Setting**:
 - Current System Time: Fri 2021/09/17 20:15:51 CCT 08:00
 - New Date: 2021/1/1
 - New Time: 13:55:53
- Timezone Setting**:
 - Zone Name: CCT
 - UTC Offset (Hours): 8

At the bottom of each section are 'Config' and 'Refresh' buttons.

Figure5-1

5.2 DNS Client

1. Click Config->Advance Service->DNSClient

2. This page configures the IP and domain name of the time server (need to be configured in unicast mode).

The screenshot shows the 'DNS Client Configure' configuration page. On the left, there is a navigation menu with the following items:

- System Management
- System Information
- Web Timeout
- User Management
- Port Management
- Basic Service
- Advance Service (selected)
- System Time
- DNS Client (selected)
- SNTP

The main content area has two sections:

- DNS Client Configure**:
 - Name Server IP Address: 0.0.0.0
- Domain Name Lookup**:
 - Domain Name:
 - IP Address:

At the bottom of each section are 'Config' and 'Lookup' buttons.

Figure5-2

5.3 SNTP

1.Click Config->Advance Service->SNTP

2.This page configures the SNTP.

Server IP	Mask

[Add](#) [Del](#) [DelAll](#)

Figure5-3

Chapter 6 EPON Management

6.1 Port Configuration

1.Click Config->EPON Management->Port Configuration

2. This page configures the PON port authentication mode and ONU isolation function, etc.

By default, the authentication mode is disable, all ONUs can go online, and ONUs under the same PON port and between PON ports are isolated.

Port Name	Shutdown	Laser	Authentication Mode	P2P
epon0/2/1	false	up	disable	false
epon0/2/2	false	up	disable	false
epon0/2/3	false	up	disable	false
epon0/2/4	false	up	disable	false

[Apply](#) [Reset](#)

Figure6-1

6.2 MAC White List

- 1.Click Config->EPON Management->MAC White List
2. This page adds and deletes the MAC whitelist. Only ONUs in the whitelist can go online

Port Name	Index	MAC Address	Delete
epon0/2/4	1	00:00:00:00:00:11	<input type="button" value="no"/>

Figure6-2

6.3 MAC Black List

- 1.Click Config->EPON Management->MAC Black List
2. This page configures the blacklist of the PON port, and all ONUs in the blacklist cannot go online.

Port Name	Index	MAC Address	Delete
epon0/2/2	1	00:00:00:00:00:04	<input type="button" value="no"/>

Figure6-3

6.4 LOID List

1.Click Config->EPON Management->LOID List

2. This page configures the LOID list, and only ONUs in the LOID list can go online.

Port Name	Index	Logic ONU Identify	Password	Delete
epon0/2/4	1	test	test	no

Figure6-4

6.5 Hybrid List

1.Click Config->EPON Management->Hybrid List

2. This page configures the hybrid authentication list, and only ONUs in the hybrid list can go online normally.

Port Name	Index	Logic ONU Identify	Password	Delete
epon0/2/4	1	test	test	no

Port Name	Index	MAC Address	Delete
epon0/2/4	1	00:00:00:00:00:04	no

Figure6-5

Chapter 7 ONU Management

7.1 Binding Operation

1. Click Config->ONU Management->Binding Operation

2. This page configures binding and unbinding ONUs, unbinding only operates offline ONUs

ONU	MAC Address	Type
0/2/1:1	00:00:00:00:00:04	other
0/2/2:1	00:00:00:aa:51:99	other type
0/2/2:2	00:00:00:d9:18:21	other type
0/2/2:3	00:05:1d:03:04:05	other type

Figure7-1

7.2 Bandwidth Control

1. Click Config->ONU Management->Bandwidth Control

2. This page configures the upstream and downstream bandwidth of the ONU.

ONU	Up FIR(kbps)	Up CIR(kbps)	Up PIR(kbps)	Up Weight	Down PIR(kbps)	Down BURST
0/2/2:1	0	0	1000000	1	1000000	128
0/2/2:2	0	0	1000000	1	1000000	128
0/2/2:3	0	0	1000000	1	1000000	128

Figure7-2

7.3 IP Address

- 1.Click Config->ONU Management->Ip Address
2. This page configures the management IP and management VLAN of the ONU.

ONU Selection	
epon0/2/2	ONU: 2

ONU[epon0/2/2:2] IP Address Configuration	
IP Address	10.1.1.10
Mask	255.255.255.0
Gate	10.1.1.1
Customer VLAN	1
Service VLAN	0
Priority	5

Config **Refresh**

Figure7-3

7.4 Port Configuration

- 1.Click Config->ONU Management->Port Configuration
2. This page configures ONU flow control, ingress rate and egress rate, etc.

ONU Selection	
epon0/2/2	ONU: 2

ONU[epon0/2/2:2] Port Configure	
ONU Port	1
Enable	Enabled
Flow Control	Enabled
Auto Negotiation	Enabled
Ingress Bandwidth	Enabled
Ingress CIR(64~1000000kbps)	102400
Ingress CBS(1523~1000000Byte)	102400
Ingress EBS(0~1522Byte)	1522
Egress Bandwidth	Enabled
Egress CIR(64~1000000kbps)	102400
Egress PIR(64~1000000kbps)	102400

Config **Refresh**

Figure7-4

7.5 VLAN

- 1.Click Config->ONU Management->VLAN
2. This page configures the CTC VLAN of the ONU port.

Port Number	VLAN Mode	VLAN	Priority
1	tag	100	0
2	tag	100	0

Figure7-5

7.6 STP

- 1.Click Config->ONU Management->STP
2. This page configures ONU's STP and loop detection functions

Forward Time	15
Hello Time	2
Max Age Time	20
Priority	32768

Figure7-6

7.7 PPPOE

1.Click Config->ONU Management->PPPOE

2. This page configures the PPPoE account and password of the ONU. This function needs the support of the ONU.

ONU Selection	
epon0/2/2	ONU:2

ONU[epon0/2/2:2] PPPOE Configure	
Username	test
Password	test
Online	Yes
Status	ERROR.

Config **Refresh**

Figure7-7

7.8 WIFI

1.Click Config->ONU Management->WIFI

2. This page configures ONU's WIFI, this function needs ONU support.

ONU Selection	
epon0/2/2	ONU:2

ONU[epon0/2/2:2] WIFI Configure	
Security Mode	WPA2
SSID	test
SSID Password	12345678

Config **Refresh**

Figure7-8

7.9 CATV

1.Click Config->ONU Management->CATV

2. This page configures the CATV function of the ONU. This function needs the support of the ONU.

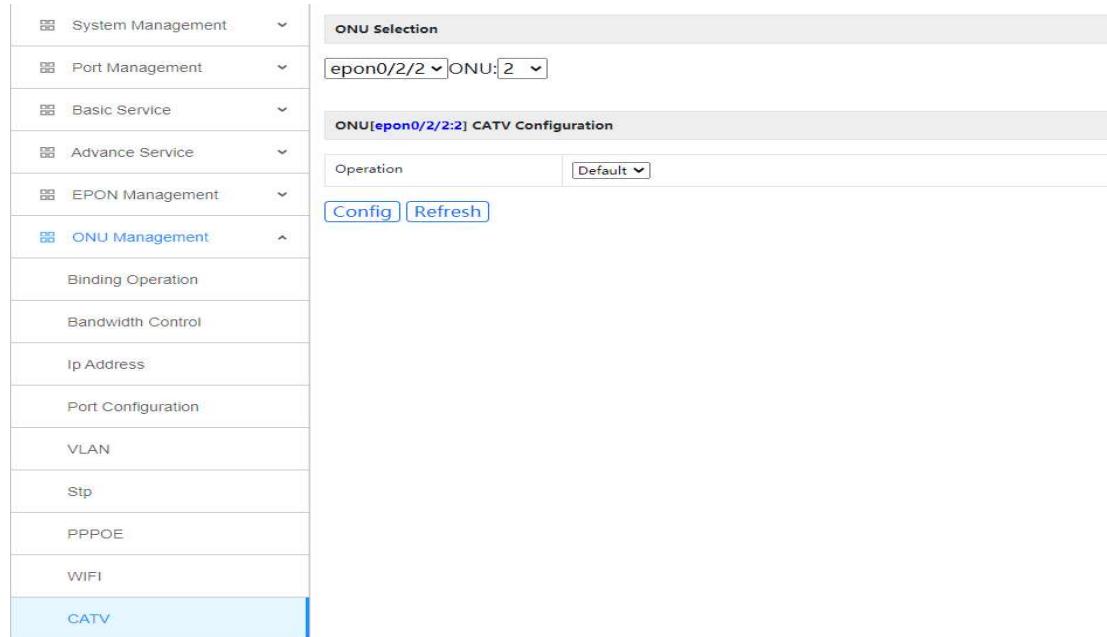


Figure7-9

Chapter 8 ONU Profile Management

ONU profile management is used to configure ONUs in batches, line profileare used to configure ONUs, and rule profile are used to deliver the configuration of line profile to match ONUs.

8.1 Line Profile Management

1.Click Config->ONU Profile Management->Line Profile Management

2.This page configures add , modify and delete line profile.

The screenshot shows a navigation menu on the left with the following items:

- System Management
- Port Management
- Basic Service
- Advance Service
- EPON Management
- ONU Management
- ONU Profile Management (selected)
- Line Profile Management (selected)
- Rule Profile Management

The main panel is titled "Line Profile Configuration". It has a toolbar with buttons for Add (+), Edit (pencil), Delete (trash), and Save (blue circle). The status bar shows "ONU profile status Enable" with a gear icon, and buttons for "Apply" and "Cancel". A table lists four profiles:

Profile ID	Profile Name	Detail
1	LINE_1	[Edit]
2	test1	[Edit]
3	test2	[Edit]
4	LINE_4	[Edit]

Figure8-1

8.1.1 DBA Configuration

1.Click Config->ONU Profile Management->Line Profile Management->Detail->DBA Configuration

2.This page configures the ONU upstream and downstream bandwidth of the line profile.

The screenshot shows a navigation menu on the left with the following items:

- System Management
- Port Management
- Basic Service
- Advance Service
- EPON Management
- ONU Management
- ONU Profile Management (selected)
- Line Profile Management (selected)
- Rule Profile Management

The main panel is titled "DBA Configuration for Profile Line [1]". It has a toolbar with buttons for Add (+), Edit (pencil), Delete (trash), and Save (blue circle). The status bar shows "Goback", "Apply", and "Cancel". A table lists one DBA configuration entry:

DBA Type	FIR	CIR	PIR	Weight	Burst
UpStream	10240	10240	10240	1	

Figure 8-2

8.1.2 Port Bandwidth Configuration

1.Click Config->ONU Profile Management->Line Profile Management->Detail->Port Bandwidth Configuration

2.This page configures the ONU port bandwidth of the line profile.

Port	Ingress Active	Ingress CIR (Kbps)	Ingress CBS (Bytes)	Ingress EBS (Bytes)	Egress Active	Egress CIR (Kbps)	Egress PIR (Bytes)
1	Enable	10240	1523	1522	Enable	10240	10240

Figure8-3

8.1.3 Port VLAN Configuration

- 1.Click Config->ONU Profile Management->Line Profile Management->Detail->Port VLAN Configuration
2. This page configures the VLAN of the ONU port in the line profile.

Port	VLAN Mode	Default VLAN	VLAN Priority	Base VLAN	Step VLAN	Entry Num	Entry Content
1	Transparent						
2	Tag	100	0				
3	Translation	200	0			2	Translation VLAN old:201, new:300; old:202, new:400;
4	Aggregation	101	0			2	Aggregation VLAN dstVlan:210, srcNum:2, srcVlanList:310-311; dstVlan:220, srcNum:2, srcVlanList:320-321;

Figure8-4

8.2 Rule Profile Management

- 1.Click Config->ONU Profile Management->Rule Profile Management
2. This page configures add, modify, and delete rule profile.

The screenshot shows a left sidebar with navigation items: System Management, Port Management, Basic Service, Advance Service, EPON Management, ONU Management, and ONU Profile Management (which is expanded). Below these are Line Profile Management and Rule Profile Management. The main area is titled "Rule Profile Configuration". It features a toolbar with icons for add (+), edit (pencil), delete (trash), and cancel. A table below the toolbar has columns for Profile ID, Profile Name, ONU Type, Start MAC, End MAC, Slot, PON Port, Line ID List, and Active. One row is present in the table.

	Profile ID	Profile Name	ONU Type	Start MAC	End MAC	Slot	PON Port	Line ID List	Active
<input type="checkbox"/>	1	1				2		1	Active

Figure8-5

Chapter 9 Maintain

9.1 Software Upgrading

- 1.Click Maintain->Software Upgrading
2. This page upgrades the OLT version. You can choose to upgrade the boot and host files. After the upgrade, restart the OLT to take effect.

The screenshot shows a left sidebar with navigation items: Software Upgrading, Configuration Operation, Device Reboot, Onu Operation, and Logo Replace. The main area is titled "Software update". It displays current host software information (EPON E04 V1.00.B04) and release time (Thu Sep 16 16:41:51 CST 2021). It also shows current BootRom version (V1.0). There are two file selection fields: "Please select BootRom file:" and "Please select host software:". A checkbox "Restart after update success" is available. At the bottom is an "Update" button.

Figure 9-1

9.2 Configuration Operation

Configuration operations include upload, download and save configuration.

9.2.1 Configuration Update

- 1.Click Maintain->Configuration Operation->Configuration Update
2. This page uploads the configuration file to the OLT and saves the configuration file from the device to the PC.

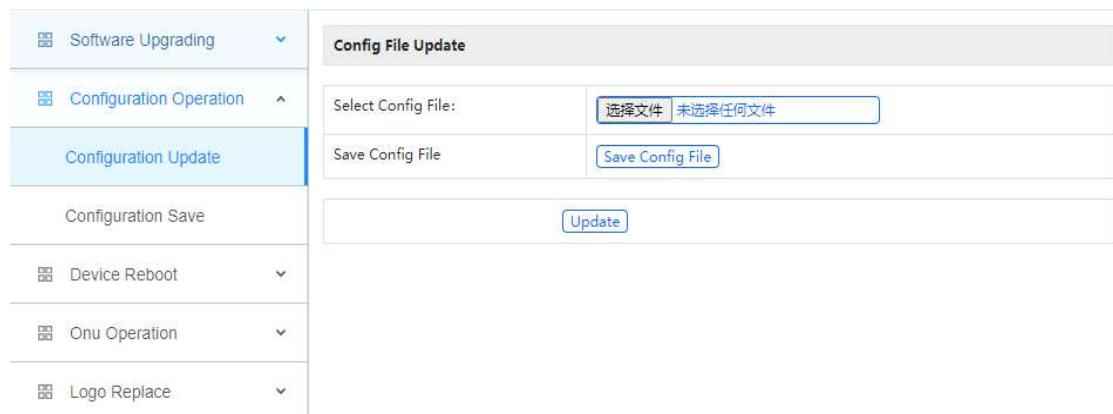


Figure9-2

9.2.2 Configuration Save

- 1.Click Maintain->Configuration Operation->Configuration Save
2. This page saves the OLT configuration file to the flash.

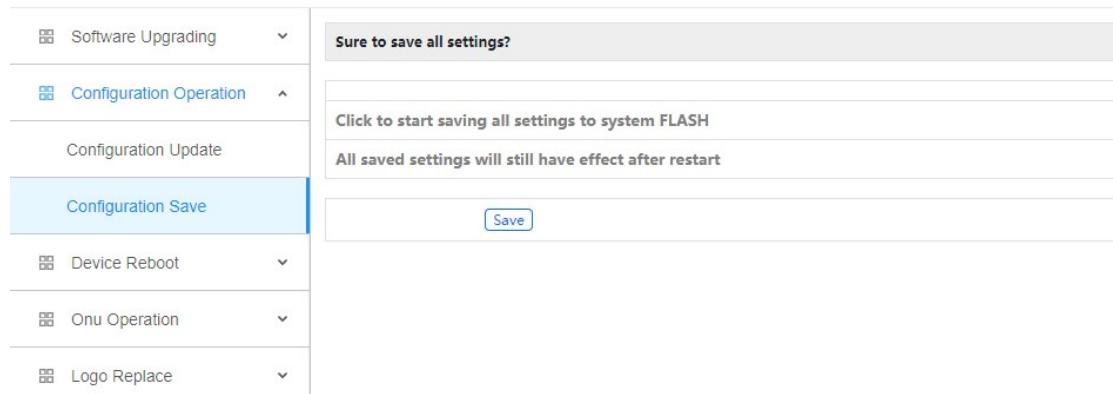


Figure9-3

9.3 Device Reboot

- 1.Click Maintain->Device Reboot
2. This page restarts the OLT.

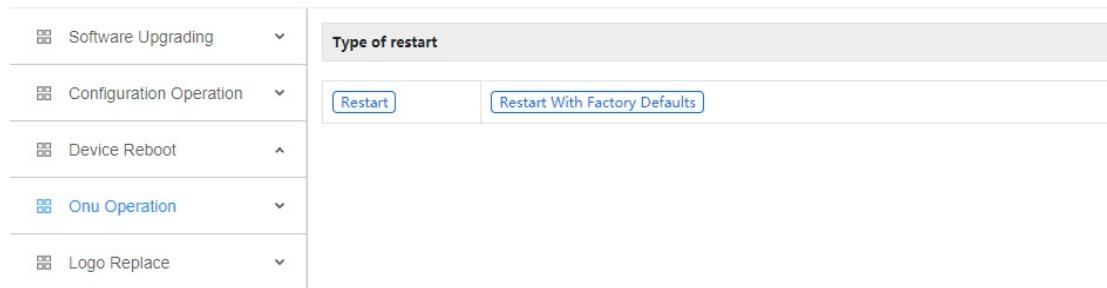


Figure9-4

9.4 ONU Operation

ONU operations include upgrade the ONU and restart the ONU.

9.4.1 ONU Upgrade

- 1.Click Maintain->ONU Operation->ONU Upgrade
2. This page upgrades a single ONU.

Figure9-5

9.4.2 ONU Batch Upgrade

- 1.Click Maintain->Onu Operation->ONU Batch Upgrade
2. This page configures ONU batch upgrade. The ONU upgrade file must be uploaded to the OLT, and then the matching ONU will be upgraded by the OLT.

ONU Software Upload

Select ONU Software File 未选择任何文件

Software Upload

ONU Software Batch Upgrade

ONU Model	F628
Version Match	Match
ONU Software Version	V1.0.0B04
ONU Selection	All Ports

Upgrade

Figure9-6

9.4.3 ONU Auto Upgrade

- 1.Click Maintain->Onu Operation->ONU Auto Upgrade
2. This page configures ONU automatic upgrade.

ONU Software Auto Upgrade Add

Select ONU Software File 未选择任何文件

ONU Model

Version Rule Match

ONU Software Version

Add

ONU Software Auto Upgrade Delete

ONU Model F333

Delete

ONU Software Auto Upgrade Firmware Informations

ONU Model	Version Rule	Software Name	Software Version	Software Size(bytes)
F333	match	V1.1	rom.img	4194304

Figure9-7

9.4.4 ONU Upgrade Log

- 1.Click Maintain->Onu Operation->ONU Upgrade Log
2. This page displays the upgrade logs of all ONUs.

ONU Software Upgrade Log

2021/09/18 14:05:42 ONU 0/2/2:1 ctc oam batch upgrade start.

Figure9-8

9.4.5 ONU Reboot

1. Click Maintain->Onu Operation->ONU Reboot
2. This page restarts a single ONU or batches of ONUs.

ONU Reboot

epon0/2/1 ONU:1

Reboot This ONU Reboot All Onus Of Port Reboot All Onus Of Device

ONU	MAC Address	Type
0/2/2:1	00:00:00:aa:51:99	other type
0/2/2:2	00:00:00:d9:18:21	other type
0/2/2:3	00:05:1d:03:04:05	other type

Refresh

Figure9-9

9.5 Logo Replace

1. Maintain->Logo Replace
2. This page replaces the logo information of the WEB page. After uploading the new logo, restart the browser and clear the cache.

Software Upgrading	^	Logo File Replace	
Configuration Operation	▼	Select Logo File	<input type="text" value="选择文件 1.jpeg"/>
Device Reboot	^	File size less than 300 KB,resolution 200x200	
Onu Operation	▼	After file uploaded or deleted,need to close browser and login again to refresh logo file	
Logo Replace	▼	<input type="button" value="File Upload"/>	<input type="button" value="Delete File Uploaded"/>

Figure9-10