



OPTILINK EPON OLT

Model Number & Description

OLT Model No	Port configuration	OLT Description	OLT Type
OP-EOLT 7044	4 PON port	1G EPON OLT	EPON
OP-EOLT 7088	8 PON port		EPON
OP-EOLT 97084P	4 PON port		EPON
OP-EOLT 97168P	8 PON port		EPON
OP-EOLT 97024P	4 PON port	10G EPON OLT	EPON
OP-EOLT 97028P	8 PON port		EPON
OP-EOLT 97016P	16 PON port		EPON
OP-EOLT 11444	4 PON port	10G EPON OLT	EPON
OP-EOLT 11448	8 PON port		EPON

Contents

- 1. OP-EOLT 7044, OP-EOLT 7088, OP-EOLT 97084P and OP-EOLT 97168P
 - 1.1.1 SNMP Configuration via Command Line.....
 - 1.1.2 SNMP Configuration via OLT WEB Interface.....
 - 1.2.1 IP Route/Default Route/IP Gateway Configuration via Command Line.....
 - 1.2.2 IP Route/Default Route/IP Gateway Configuration via OLT WEB Interface.....

- 2. OP-EOLT 97024P, OP-EOLT 97028P and OP-EOLT 97016P
 - 2.1.1 SNMP Configuration via Command Line.....
 - 2.1.2 SNMP Configuration via OLT WEB Interface.....
 - 2.2.1 IP Route/Default Route/IP Gateway Configuration via Command Line.....
 - 2.2.2 IP Route/Default Route/IP Gateway Configuration via OLT WEB Interface.....

- 3. OP-EOLT 11444 and OP-EOLT 11448
 - 3.1.1 SNMP Configuration via Command Line.....
 - 3.1.2 SNMP Configuration via OLT WEB Interface.....
 - 3.2.1 IP Route/Default Route/IP Gateway Configuration via Command Line.....
 - 3.2.2 IP Route/Default Route/IP Gateway Configuration via OLT WEB Interface.....



1. OP-EOLT 7044, OP-EOLT 7088, OP-EOLT 97084P and OP-EOLT 97168P

1.1.1. SNMP Configuration via Command Line

```
OP_epon#
OP_epon#
OP_epon# system snmp community read-only public
OP_epon# system snmp community read-write private
OP_epon# system snmp trap-ip 1 10.215.83.111 public
OP_epon#
OP_epon#
OP_epon# show system snmp
Read-only community : public
Read-write community : private
TrapIndex      IP Address      Community
-----
1              10.215.83.111    public
OP_epon#
OP_epon#
OP_epon#
OP_epon#
OP_epon#
OP_epon#
OP_epon#
```

1.1.2 SNMP Configuration via OLT WEB Interface

The screenshot shows a web browser window with the URL `192.168.1.100/cgi/index.php`. The page header includes "Version: V1.2.0_200723", "Login-Mode: Administrator", and "Language: English". The main content area is titled "Path:EPON-1U8P>Main Board>Configuration". On the left, a "Topology" tree shows the device structure: EPON-1U8P, Main Board, Switching Board, PON Board, and eight PON ports (PON1-PON8). The "Configuration" section on the right contains the following settings:

manageIpAddr:	10.215.83.134
manageNetMask:	255.255.255.0
manageGateway:	10.215.83.1
snmpReadCommunity:	public
snmpRWCommunity:	private
trapDstIpAddr1:	10.215.83.111
trapDstIpAddr2:	0.0.0.0
trapDstIpAddr3:	0.0.0.0
trapDstIpAddr4:	0.0.0.0

At the bottom of the configuration area, there are "Refresh" and "Set" buttons. An "Activate Windows" watermark is visible in the bottom right corner.

1.2.1 IP Route/Default Route/IP Gateway Configuration via Command Line

```
OP_epon# system ipconfig gateway 10.215.83.1
OP_epon#
OP_epon#
OP_epon#
OP_epon# system ipconfig gateway 10.215.83.1
OP_epon#
OP_epon# show system ipconfig
Outband IP address      : 192.168.1.100
Outband IP netmask     : 255.255.255.0
Inband IP address      : 10.215.83.134
Inband IP netmask      : 255.255.255.0
Gateway                 : 10.215.83.1
MGMT VLAN               : 119
OP_epon#
OP_epon#
```

1.2.2. IP Route/Default Route/IP Gateway Configuration via OLT WEB Interface

The screenshot shows a web browser window with the URL `192.168.1.100/cgi/index.php`. The page header includes "Version: V1.2.0_200723", "Login-Mode: Administrator", and "Language: English".

The interface is divided into three main sections:

- Topology:** A tree view on the left showing the device hierarchy: EPON-1U8P > Main Board > Switching Board > PON Board > PON1-PON8. The "Switching Board" and "Net Interface" are highlighted in yellow.
- Navigation:** A middle pane titled "PATH:EPON-1U8P>Switching Board>Net Interface" lists various configuration options for the selected interface, including "Net Interface", "Port Status", "Port Property", "Mac AddressList", "Packet Suppress", "Performance Statistics", "VLAN Manage", "Port Vlan Cfg", "TRUNK", "RSTP", "Port Mirror", and "IGMP Snooping".
- Configuration Form:** The right pane contains input fields for:
 - IP Address:
 - Network Mask:
 - Default Gateway:
 - Vlan:Below these fields are three buttons: "set", "return", and "refresh".

2. OP-EOLT 97024P, OP-EOLT 97028P and OP-EOLT 97016P

2.1.1 SNMP Configuration via Command Line

```
OP_OLT(config)#
OP_OLT(config)#
OP_OLT(config)#
OP_OLT(config)# snmp-agent enable
OP_OLT(config)# snmp-agent community read *****
OP_OLT(config)# snmp-agent community write *****
OP_OLT(config)# snmp-agent trap public 10.215.83.111 162 ***** version 2c
OP_OLT(config)#
OP_OLT(config)#
```

2.1.2 SNMP Configuration via OLT WEB Interface

Version: V1.2.4_201012 Current Online User Number: 1 (Limit:10) Language English SaveConfig Exit

Tree Topology

- OLT
 - Main Board
 - Switch Board
 - PON Board
- SystemInfo
 - BaselInfo
 - PowerObjects
 - FanObjects
 - SystemTime
 - RebootSystem
 - ConfigurationSave
 - SystemUpgrade
 - UserManagement
 - LogManagement
 - Shell CMD Execute
 - Snmpconfig
- Interface Management
- Qos
- ACL
- IGMP
- VLAN
- DHCP
- LLDP
- Perf
- LoopBack Detection

Snmp Admin: enable Apply

Snmp Community

Index	Community Name	Access Level	OP
1	public	Read-only	Delete
2		Read-only	Delete
3	private	Read-write	Delete

Apply Add Refresh

Snmp Trap

Index	Host Name	IP Address	Port	Version	Community Name	OP
1	public	10.215.83.111	162	SNMPv2C	public	Delete

Apply Add Refresh

Activate Windows
Go to Settings to activate Windows

2.2.1 IP Route/Default Route/IP Gateway Configuration via Command Line

```
OP_OLT(config)# ip route 0.0.0.0 0.0.0.0 10.215.83.1
OP_OLT(config)#
OP_OLT(config)#
OP_OLT(config)# ip route 0.0.0.0 0.0.0.0 10.215.83.1
user route entry existed already.
OP_OLT(config)#
OP_OLT(config)# show ip route
Codes: K - kernel route, C - connected, S - static, R - RIP,
       O - OSPF, I - IS-IS, B - BGP, P - PIM, A - Babel,
       > - selected route, * - FIB route

S    0.0.0.0/0 [1/0] via 10.215.83.1 inactive
C>* 10.10.10.0/24 is directly connected, vlanif70
C>* 127.0.0.1/32 is directly connected, lo
C>* 127.0.0.2/32 is directly connected, lo
C>* 192.168.1.0/24 is directly connected, mgmt
OP_OLT(config)#
```

2.2.2 IP Route/Default Route/IP Gateway Configuration via OLT WEB Interface

The screenshot shows the OptiLink OLT WEB Interface. The browser address bar displays "192.168.1.100/cgj/home.php". The page header includes "Version: V1.2.4_201012", "Current Online User Number: 1 (Limit:10)", and "Language: English". The main content area is titled "OP_OLT | Main Board | Interface Management | InbandManagement". On the left, a "Tree Topology" shows the device structure. The central panel displays configuration options for "InbandManagement", including "SystemInfo", "Interface Management", "Qos", "ACL", "IGMP", "VLAN", "DHCP", "LLDP", "Perf", "LoopBack Detection", and "MAC Flapping Detection". The "Interface Management" section is expanded, showing a "Gateway" field set to "10.215.83.1" with a "Confirm" button. Below this is a table with columns: "Vlan ID", "IP Address", "Subnet Mask", "Link Status", "Enable Status", and "OP".

Vlan ID	IP Address	Subnet Mask	Link Status	Enable Status	OP
<input type="checkbox"/>	70	10.10.10.10	255.255.255.0	up	Enable Apply
<input type="checkbox"/>	119	10.215.83.134	255.255.255.0	down	Enable Apply

3. OP-EOLT 11444 and OP-EOLT 11448

3.1.1 SNMP Configuration via Command Line

```
OP_EOLT(config)#
OP_EOLT(config)#
OP_EOLT(config)# snmp community-cfg read public
OP_EOLT(config)# snmp community-cfg write private
OP_EOLT(config)# snmp trap-cfg serverip 10.215.83.111 public 162
OP_EOLT(config)#
OP_EOLT(config)# show snmp-config
-----
Snmpd trap configuration:
-----
IP address: 10.215.83.111
Trap port: 162
Trap community: public
-----
Snmpd community configuration:
Read community: public
Write community: private
Agent port: 161
-----
```

3.1.2. SNMP Configuration via OLT WEB Interface.

The screenshot shows the OLT WEB Interface for configuration. The browser address bar shows '192.168.100.1/#/service'. The interface has a navigation menu on the left with 'Service' selected. The main content area displays various system parameters and SNMP configuration options.

Status	TOPO	ONU Table	VLAN	Advanced Setting	Shortcut
Server Port:	7000				
Token:					
Appname:	web				
Type:	http				
Local IP:	127.0.0.1				
Local Port:	80				
Remote Port:					
Custom Domains:	www.test.com				
Subdomain:					

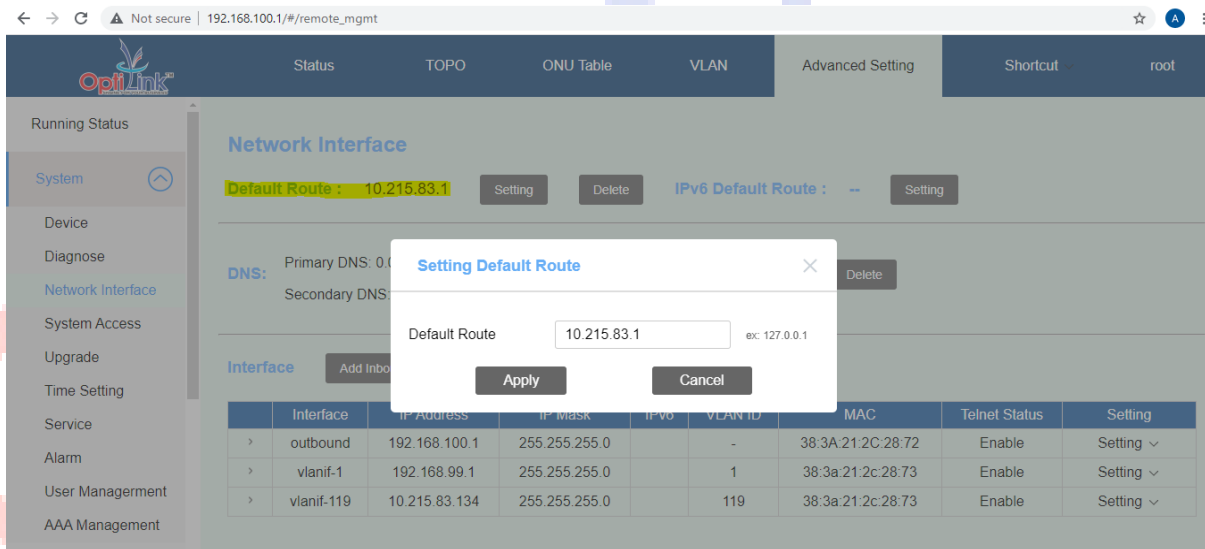
SNMP trapserver	SNMP community
server ip: 10.215.83.134	<input checked="" type="checkbox"/> Read community <input checked="" type="checkbox"/> Write community
trap port: 162	Read community: public
trap community: public	Write community: private
<input type="button" value="Apply"/>	<input type="button" value="Apply"/>

Activate Windows
Go to Settings to activate

3.2.1. IP Route/Default Route/IP Gateway Configuration via Command Line

```
OP_EOLT(config)#  
OP_EOLT(config)# route default gw 10.215.83.1  
OP_EOLT(config)#  
OP_EOLT(config)#  
OP_EOLT(config)# show route  
Route Default Gateway is 10.215.83.1.  
Ipv6 Route Default Gateway is not config.  
OP_EOLT(config)#
```

3.2.2. IP Route/Default Route/IP Gateway Configuration via OLT WEB Interface



YOUR RELIABLE NETWORK PARTNER

For Technical Support:

- ✓ Mail us on : support@optilinknetwork.com
- ✓ Call us on : +91-7666301000

Thank You