XPON STICK

User Manual

Contents

1. Introduce

The 1GE terminal devices ONT are designed for fulfilling FTTH and triple play service demand of fixed network operators or cable operators.These boxes are based on the mature GPON/EPON technology,which have high ratio of performance to price.They are highly reliable and easy to maintain,with guaranteed QoS for different service.And they are fully compliant with technical regulations such as ITU-T G.984 and technical requirement of GPON/EPON Equipment from China Telecom.

Function

1.1 Interfaces

- ► GPON interface GPON standard,SC/PC,SC/APC
- ► EPON interface EPON standard,SC/PC,SC/APC
- ► Ethernet interface:1GE interfaces,RJ-45,comply with IEEE802.3 and IEEE802.3u standards.

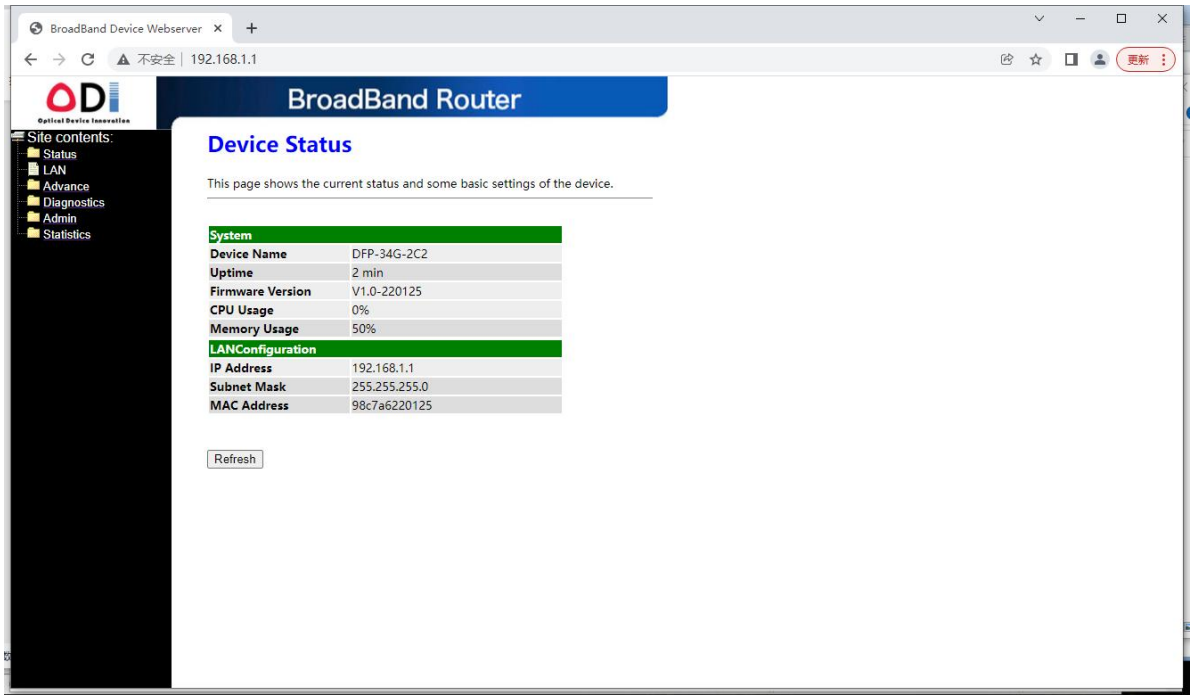
1.2 Technical Features

1GE has the following features.

- ► Broadband service access:connected to Internet through the GPON access method.
- ► Ethernet service access:Provides GE Ethernet interfaces,connected to the there to devices,such as the user PC.Provides the Internet access.
- ► Security:Provides multi-level authentication based on the device,user and service, and provides the data channel encryption for safety.
- ► QoS:Provides QoS services meeting the requirements of various services for the local devices and network
- ► Network management:Provides multi-mode network management.

2. SFU-Introduce configuring the network

1GE ONT software version is SFU default,u dont need to do any configuration via ont web.Support port mode of VLAN configuration and u could configure port vlan of ont via olt. After reset ont,there is no wan connection.



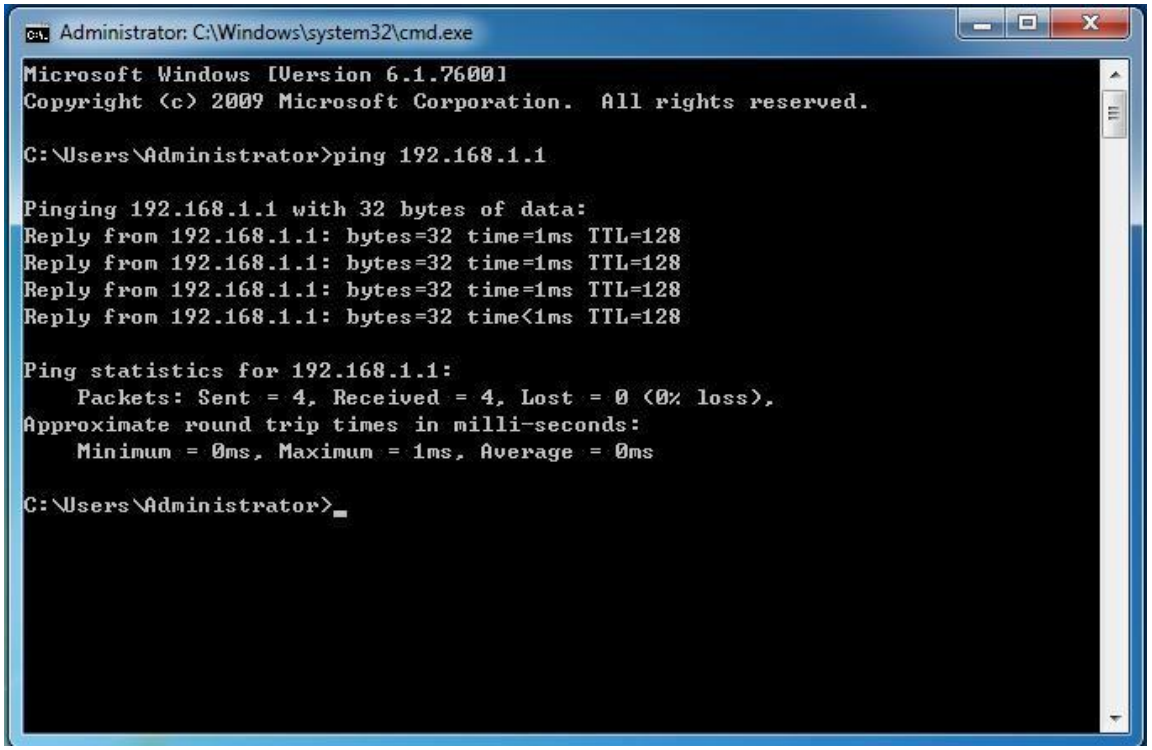
2.1 Prepare for login the ONT web management

Before you login the ONT, You should confirm the connect between the ONT and your PC is normal. And stick module is connected the OLT equipment by fiber.

Step 1 Configuring the IP address of your PC to 192.168.1.x(2~254) subnet mask is 255.255.255.0

Step 2 Ping IP address of the ONT (Default address is 192.168.1.1).If the PC can get right reply from Ping command,it is mean the connecting between the PC and ONT is normal.

【Figure 1】



Note：

Please don’t power off the ONT in the process of manage the ONT by the WEB interface.

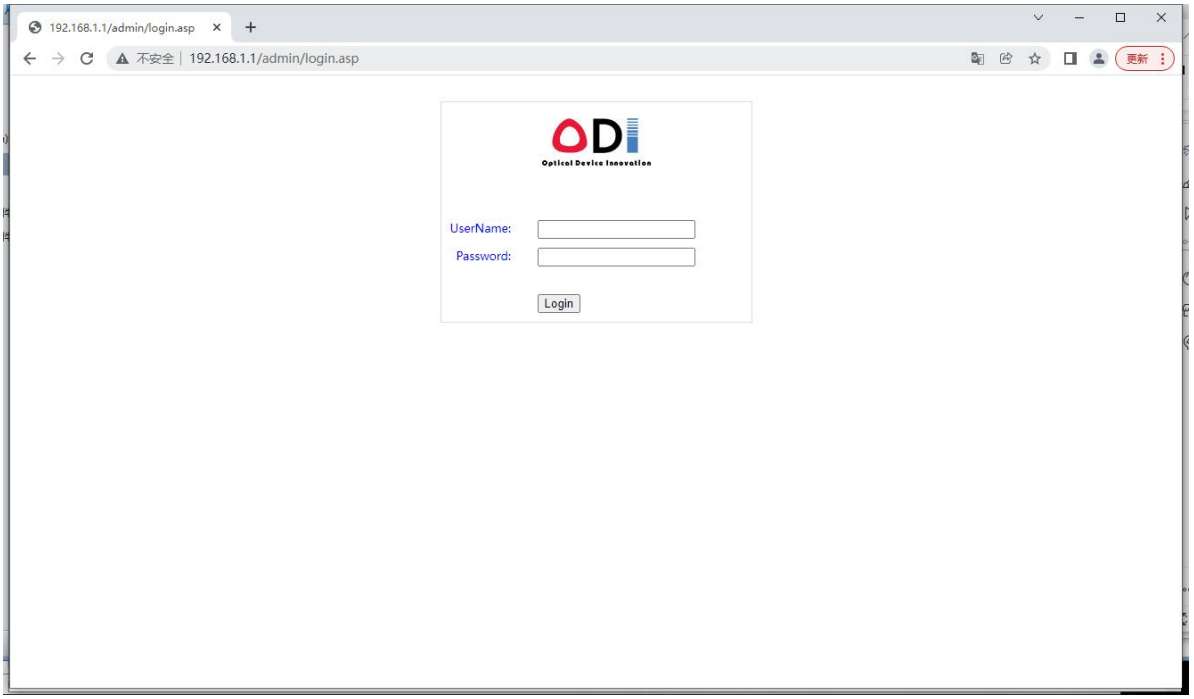
2.2 Login ONT

Step 1 Open the explore browser and input the IP address:http://192.168.1.1.

(ONT default IP)

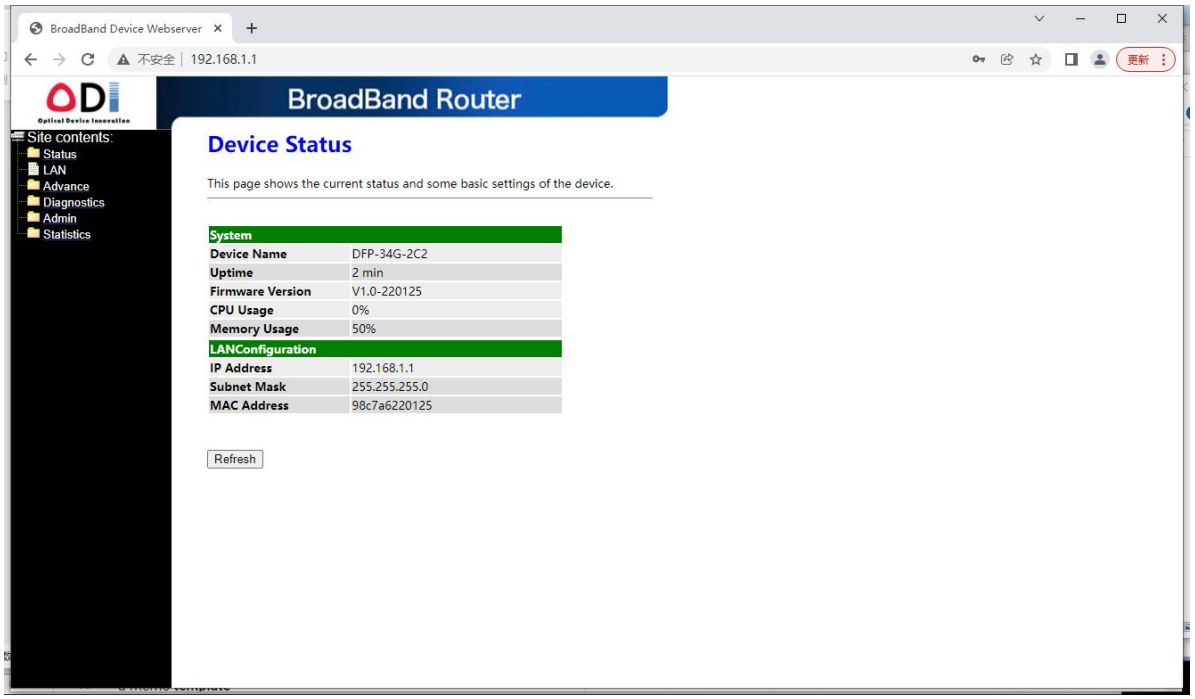
Step 2 You need the user name and password for login.The default username and password are on the label of the ONT bottom.Default administrator user name and password is “**admin**” and “**admin**”

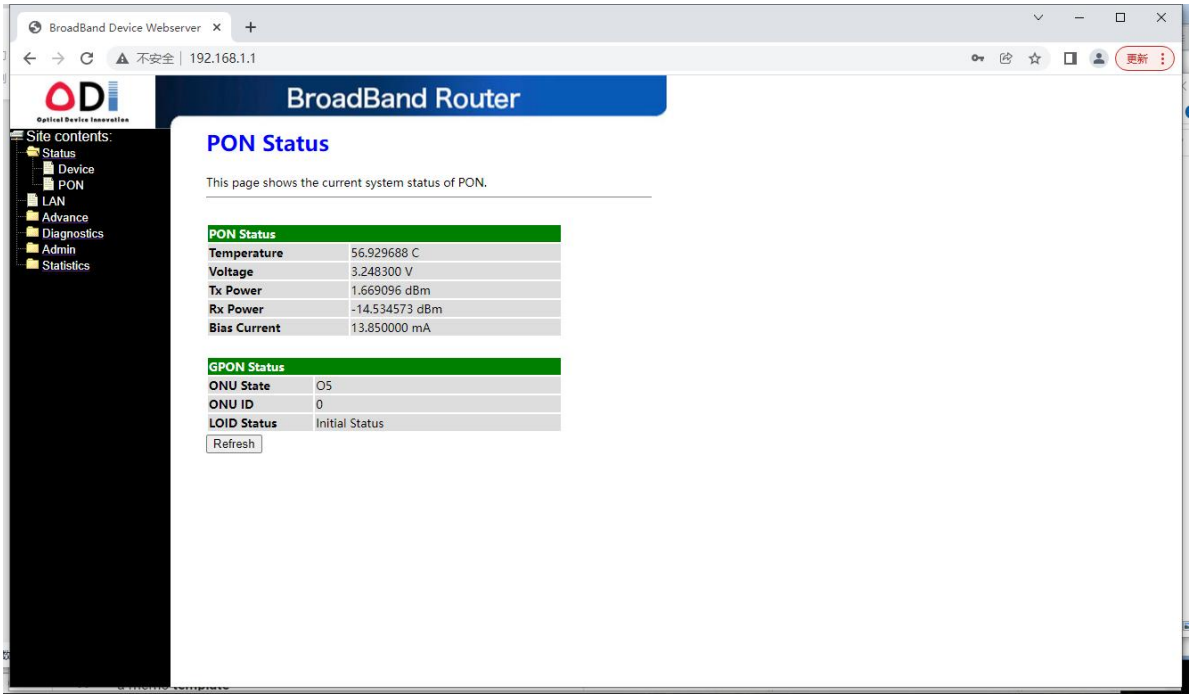
【Figure 2】



After you login the ONT as the administrator,you can check,configure and change the configuration of the ONT.Some of configuring and changing will take effect only after restart the ONT.

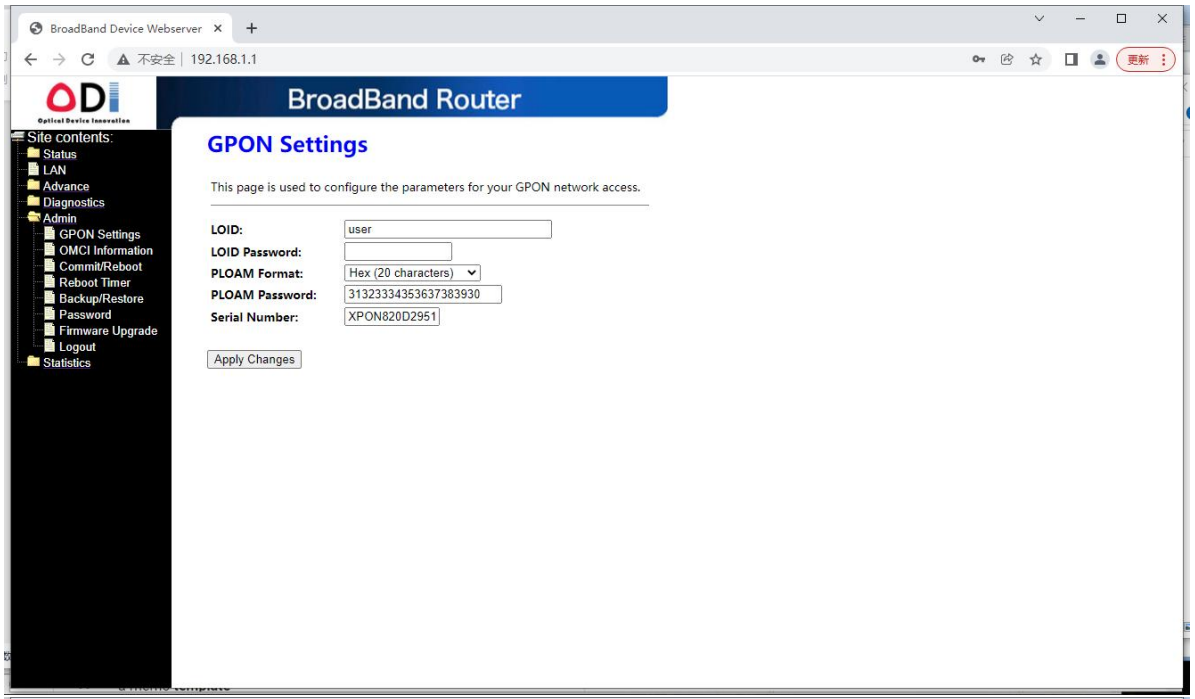
Login success,a “Device Status” windows will show as bellow.

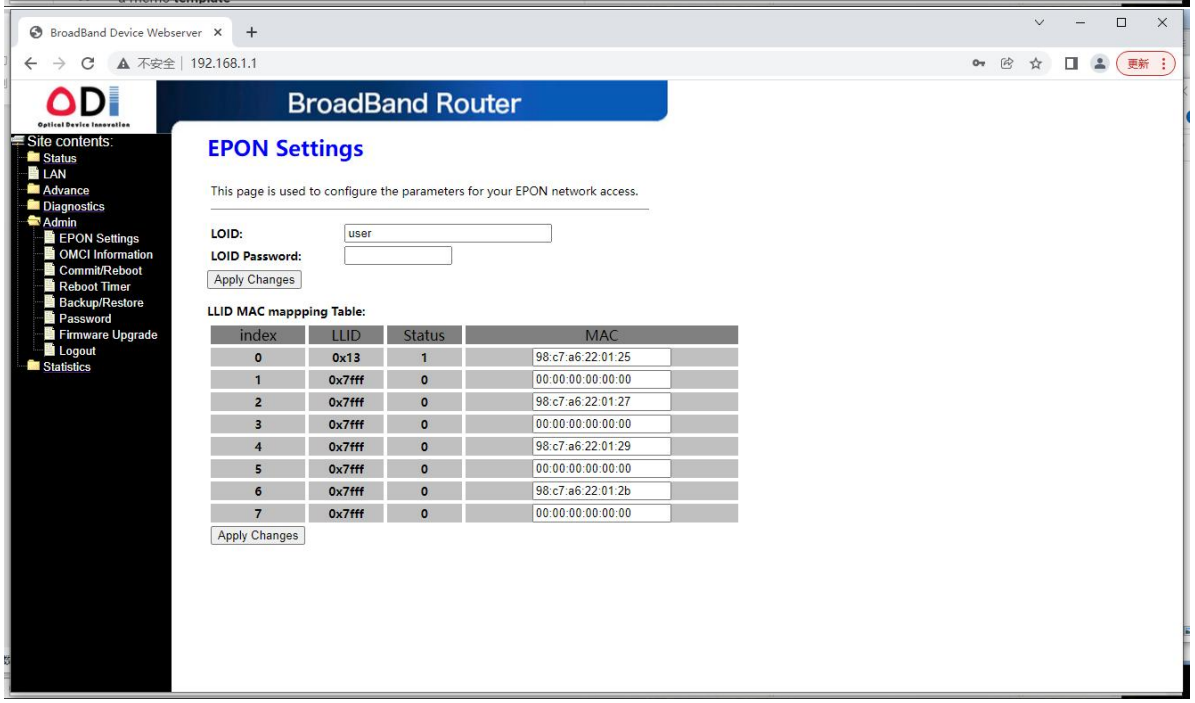




2.3 ONT Authentication

In the navigation tree on the left, select Admin> GPON Setting. In the pane on the right, you can view or change the authentication mode for the registration of the ONT on the OLT, as shown in Figure.





Click Apply to apply the configuration

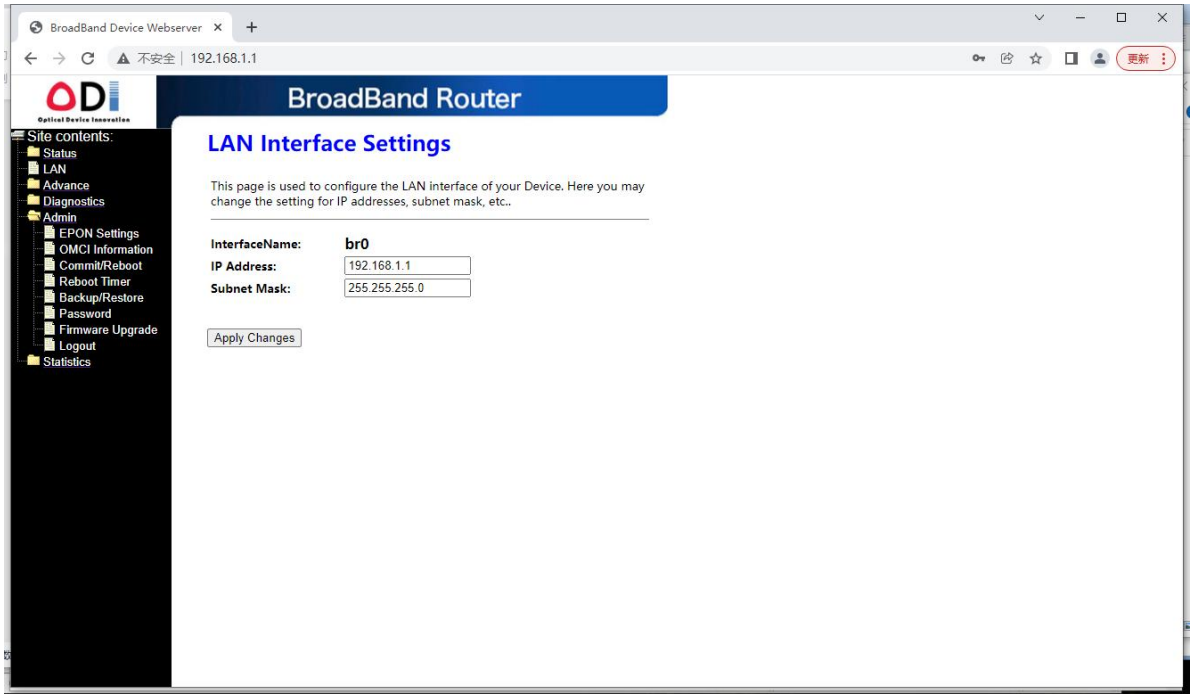
Note: Suggest you use the Chrome Internet Explorer to avoid display problem.
You can modify:
1.MAC address via LLID index 0 after inserting EPON optical fiber
2.GPON SN via Serial Number after inserting GPON optical fiber
3.PLOAM password/LOID/LOID password after inserting GPON optical fiber
Once reset , these settings will be restore to default

There is another way to modify via commands in telnet:
1.enable telnet service in windows system
2.telnet 192.168.1.1
3.login account: admin/admin
4.flash set ELAN_MAC_ADDR XXXX //Modify MAC address

flash set GPON_SN XXXX //Modify GPON SN
flash set LOID XXXX
flash set LOID_OLD XXXX //Modify Loid
flash set LOID_PASSWD XXXX
flash set LOID_PASSWD_OLD XXXX //Modify Loid password
flash set GPON_PLOAM_PASSWD XXXX //Modify ploam
flash default cs //reset
reboot

2.4 LAN Configuration

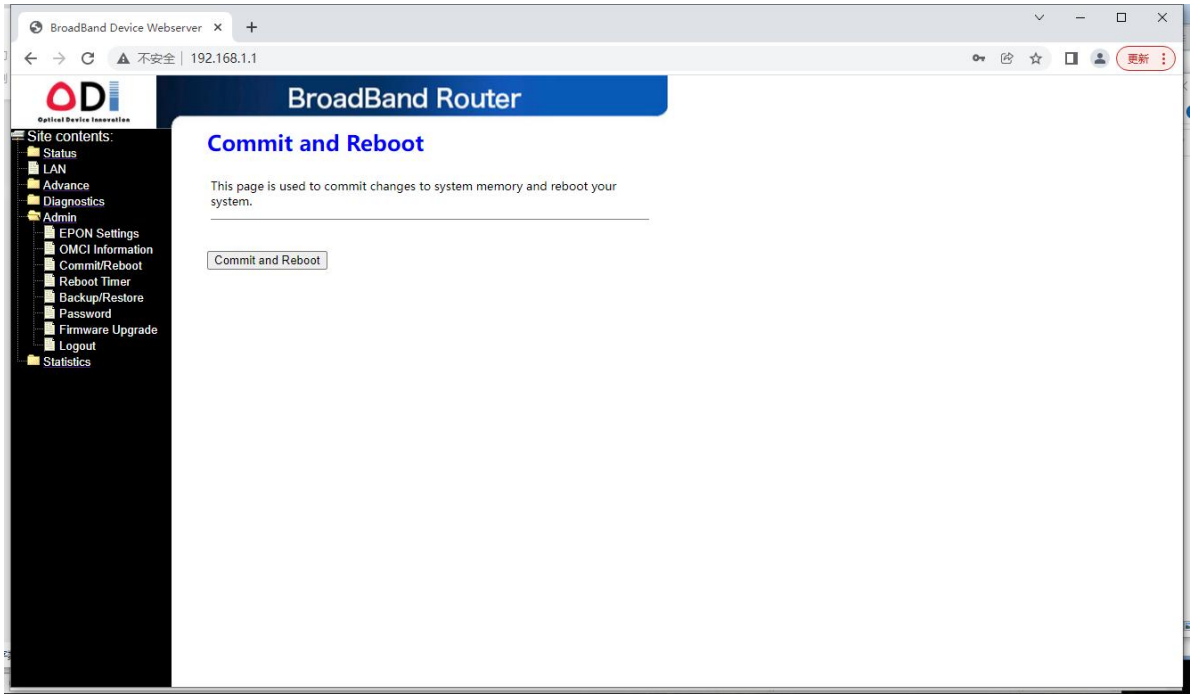
In the navigation tree on the left,choose Advanced Setup>LAN Port Work Mode.In the pane on the right,determine whether the LAN port works mode.



You can modify management ip address at this page

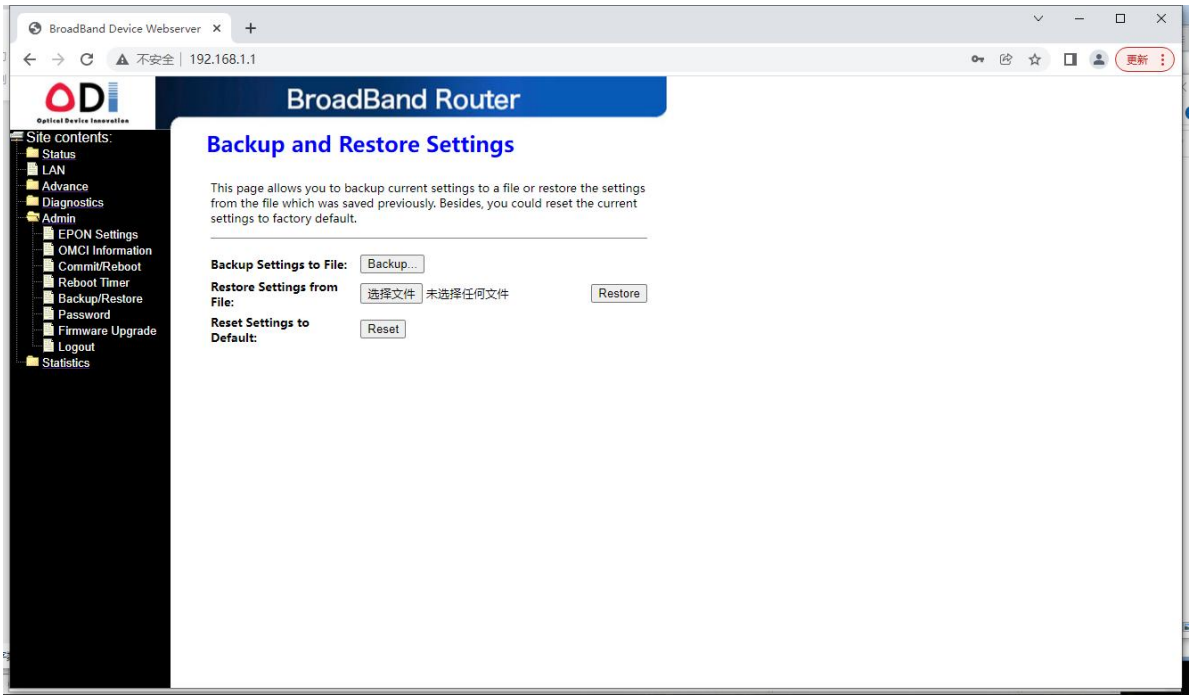
3 Management

3.1 Reboot & Commit



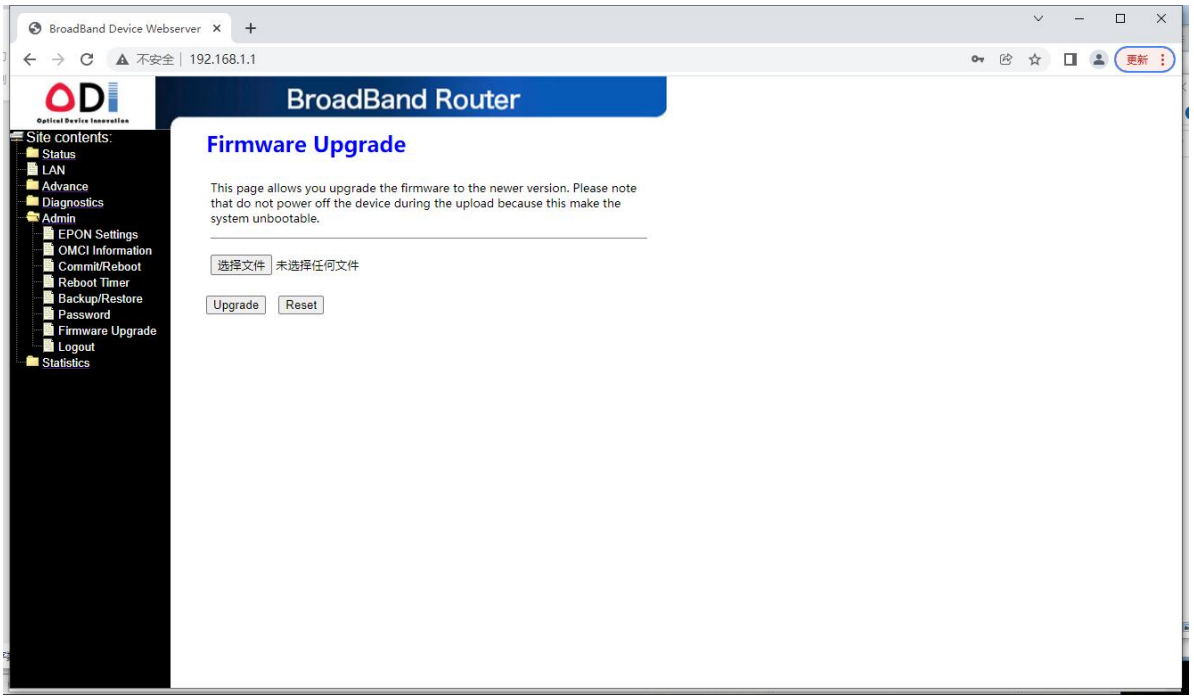
3.2 Restore Default & Backup

Selected admin-> Backup/Restore



3.3 Update software

Selected admin -> Firmware software -> Selected update file, Upgrade to the latest software version of the application


BroadBand Device Webserver
不安全 | 192.168.1.1
更新
BroadBand Router
Site contents:
Status
LAN
Advance
Diagnostics
Admin
EPON Settings
OMCI Information
Commit/Reboot
Reboot Timer
Backup/Restore
Password
Firmware Upgrade
Logout
Statistics
Firmware Upgrade
This page allows you upgrade the firmware to the newer version. Please note that do not power off the device during the upload because this make the system unbootable.
选择文件
未选择任何文件
Upgrade
Reset

4 Statistic

It shows LAN statistics and PON interface statistic