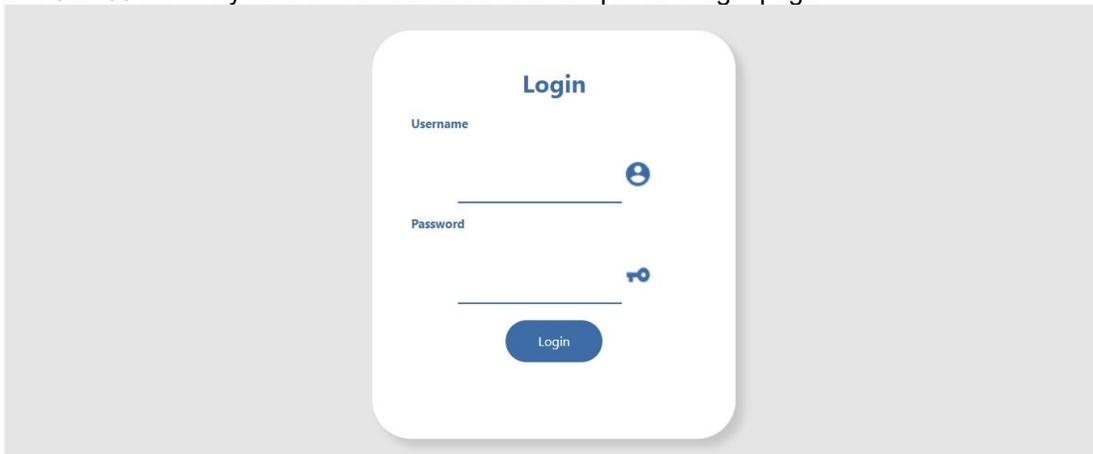


XGSPON Stick ONU Standard Firmware Web Interface Guide

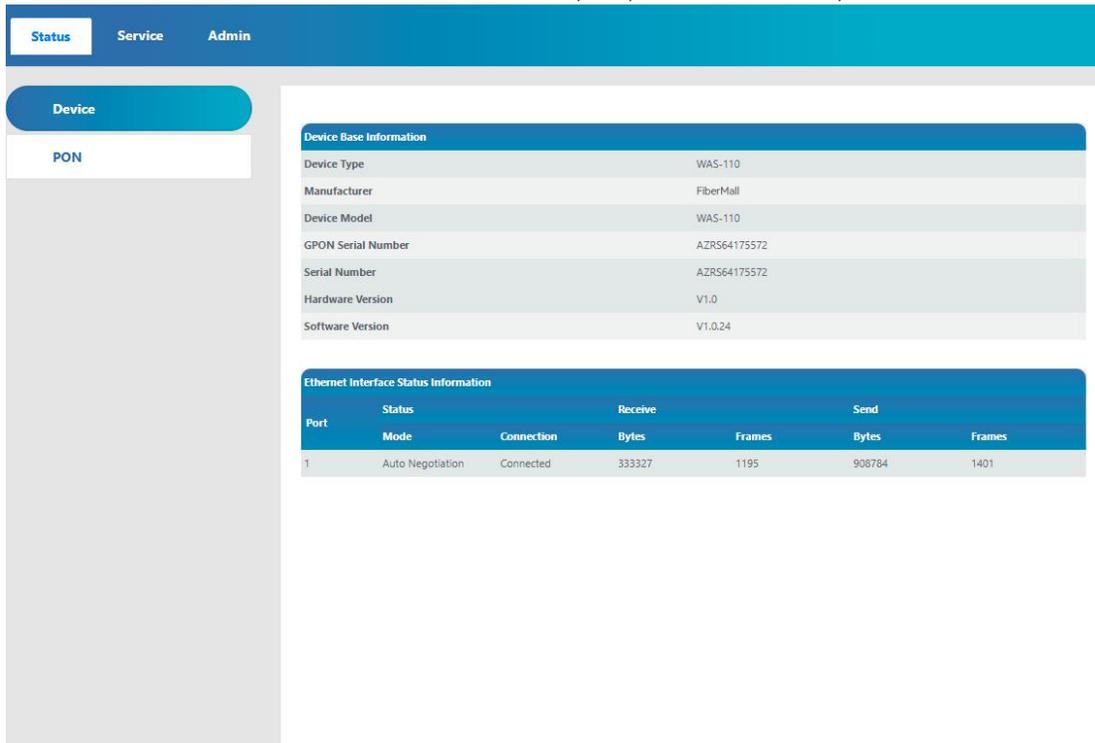
To access the XGSPON STICK ONU Standard firmware web interface:
Set your computer's IP address to the same subnet as 192.168.11.X (e.g., 192.168.11.2).
Enter 192.168.11.1 in your browser's address bar to open the login page.



The login page features a white rounded rectangle centered on a light gray background. At the top of the rectangle is the title "Login" in blue. Below the title are two input fields: "Username" and "Password". Each field has a blue icon to its right: a person icon for the username field and a key icon for the password field. At the bottom of the rectangle is a blue "Login" button.

Use the correct Username and Password (default: admin / BR#22729%635e9) to log in.

1. Menu Path: Status → Device: View device model, SN, firmware version, and data statistics.



The screenshot shows the web interface with a top navigation bar containing "Status", "Service", and "Admin". A left sidebar has "Device" selected, with "PON" listed below it. The main content area displays two sections:

Device Base Information

Device Type	WAS-110
Manufacturer	FiberMall
Device Model	WAS-110
GPON Serial Number	AZR564175572
Serial Number	AZR564175572
Hardware Version	V1.0
Software Version	V1.0.24

Ethernet Interface Status Information

Port	Status	Connection	Receive		Send	
	Mode		Bytes	Frames	Bytes	Frames
1	Auto Negotiation	Connected	333327	1195	908784	1401

2. Menu Path: Status → PON: Check PON connection status and packet statistics.

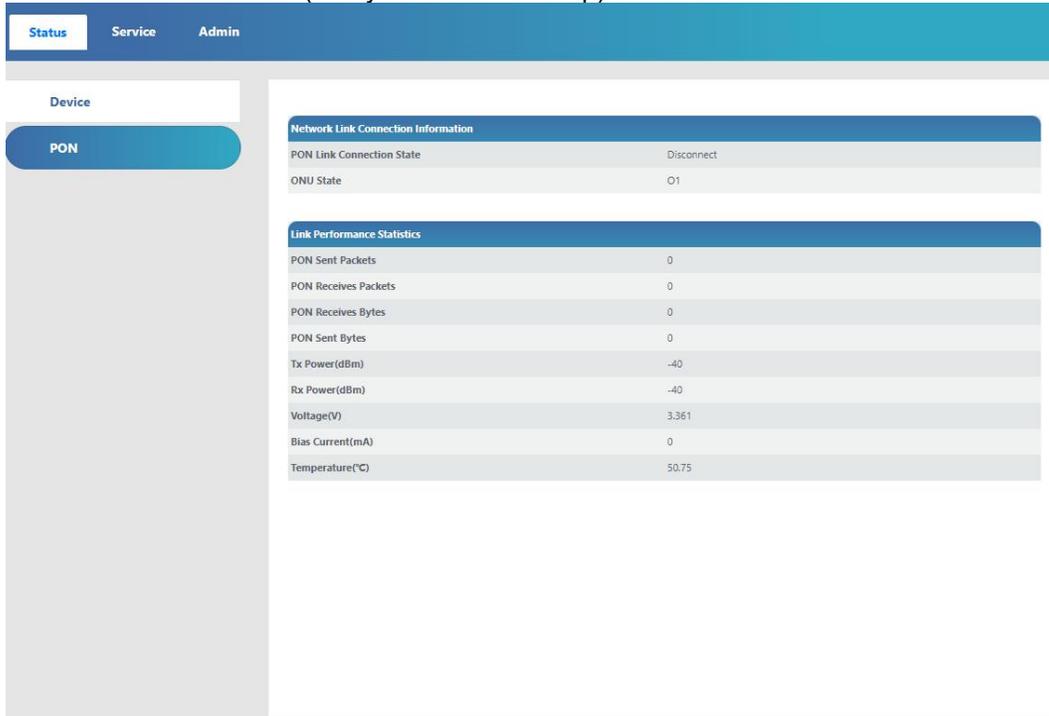
ONU State:

O1: Fiber disconnected or EPON line detected.

O2-O3: Authentication failed.

O4: OLT rejected the connection.

O5: Authentication successful (ready for PPPoE dial-up).

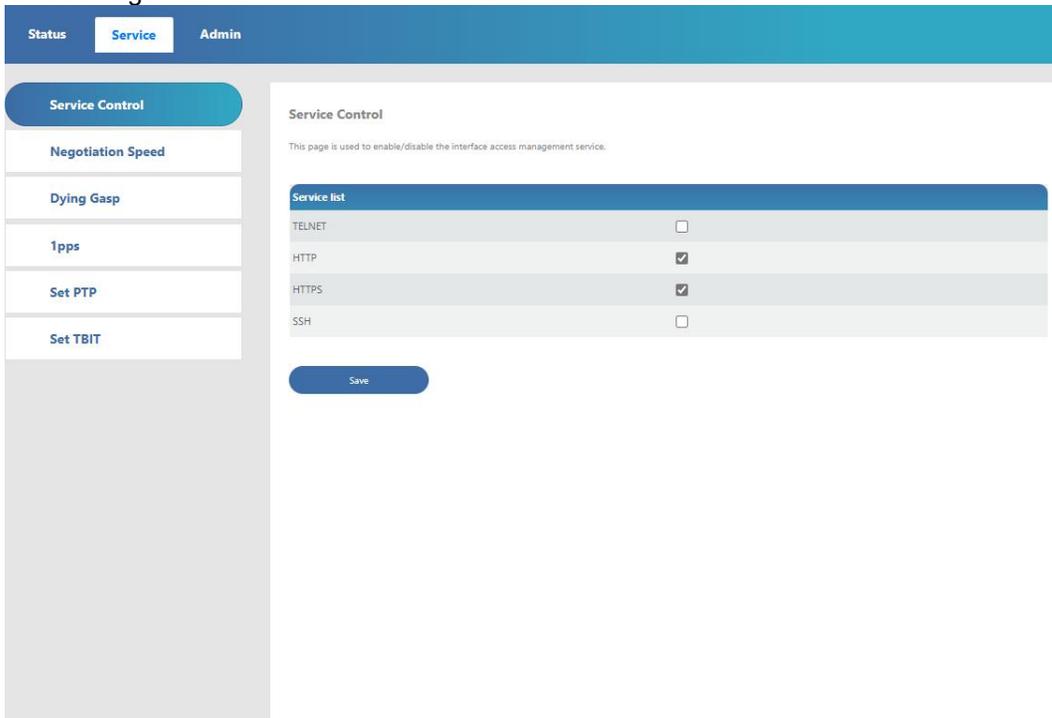


The screenshot shows the 'Status' page with the 'PON' menu item selected. The page is divided into two main sections: 'Network Link Connection Information' and 'Link Performance Statistics'.

Network Link Connection Information	
PON Link Connection State	Disconnect
ONU State	O1

Link Performance Statistics	
PON Sent Packets	0
PON Receives Packets	0
PON Receives Bytes	0
PON Sent Bytes	0
Tx Power(dBm)	-40
Rx Power(dBm)	-40
Voltage(V)	3.361
Bias Current(mA)	0
Temperature(°C)	50.75

3. Menu Path: Service → Service Control: Enable/disable services (TELNET, HTTP, HTTPS, SSH) and save settings.

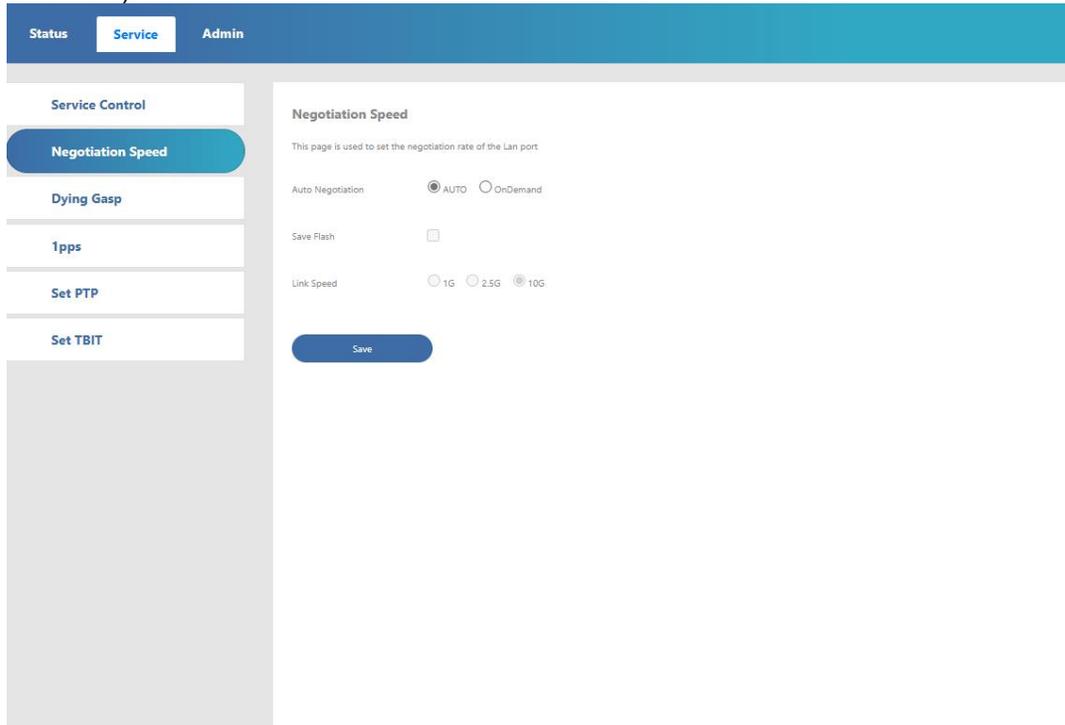


The screenshot shows the 'Service' page with the 'Service Control' menu item selected. The page contains a 'Service list' table and a 'Save' button.

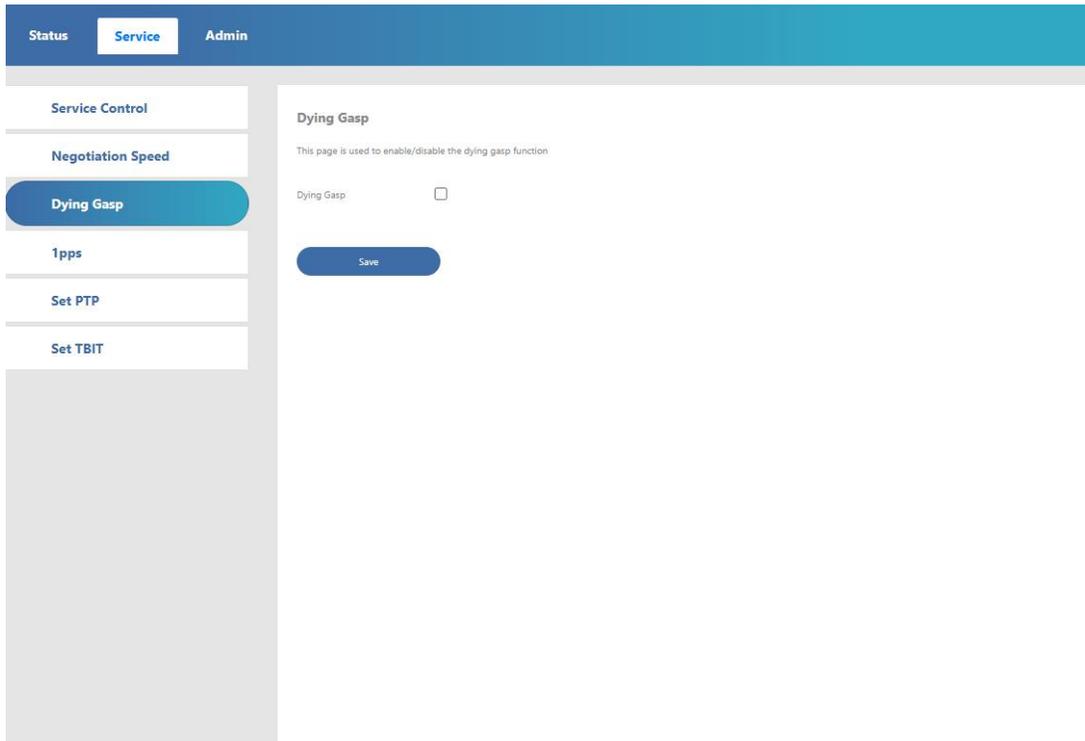
Service list	
TELNET	<input type="checkbox"/>
HTTP	<input checked="" type="checkbox"/>
HTTPS	<input checked="" type="checkbox"/>
SSH	<input type="checkbox"/>

Save

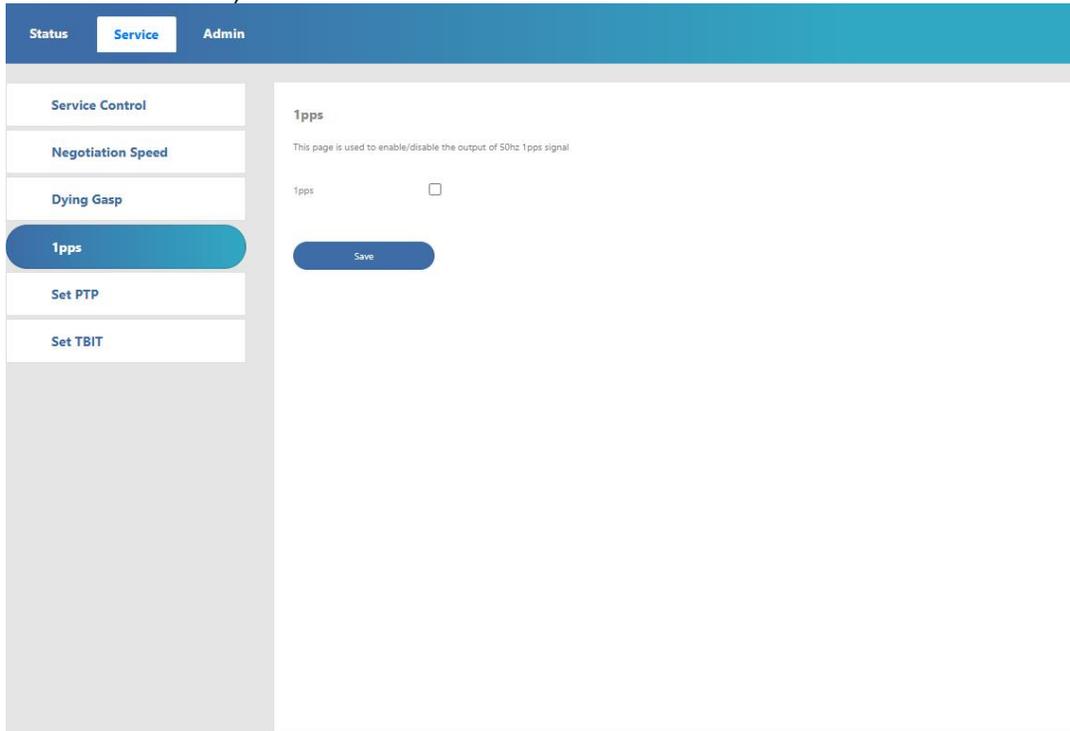
4. Menu Path: Service → Negotiation Speed: Set speed mode (AUTO/OnDemand) and link speed (1G/2.5G/10G).



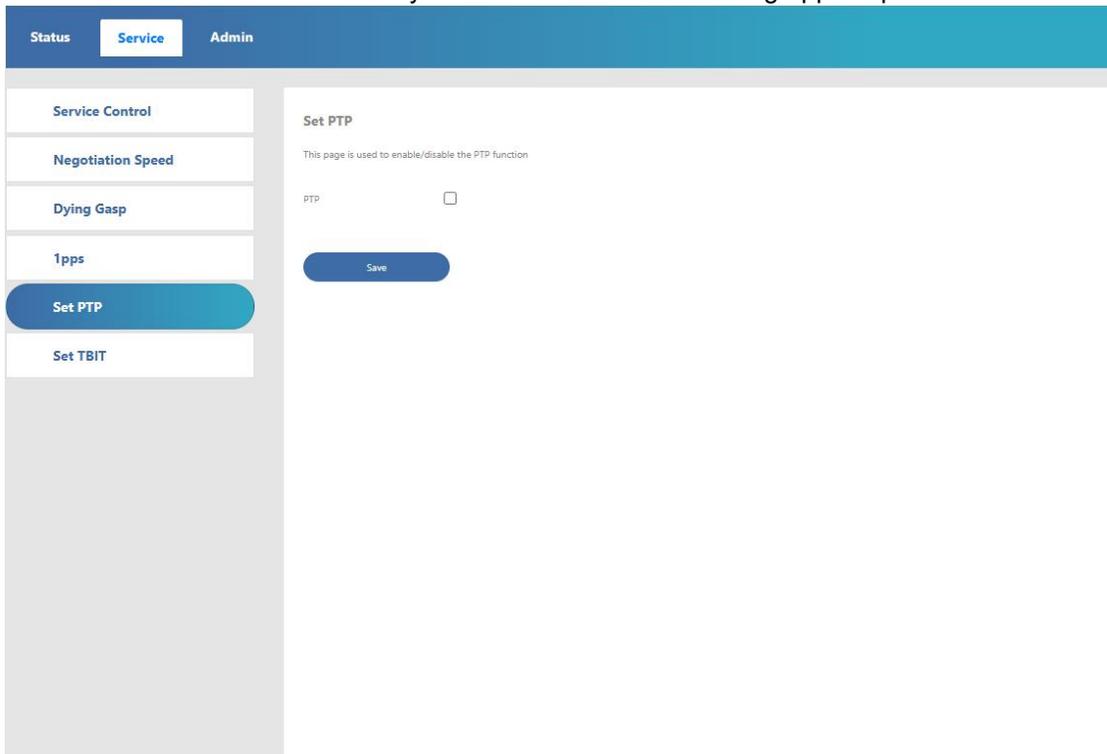
5. Menu Path: Service → Dying Gasp: Enable power failure alerts to help ISPs quickly identify outages (prevents false fiber fault reports).



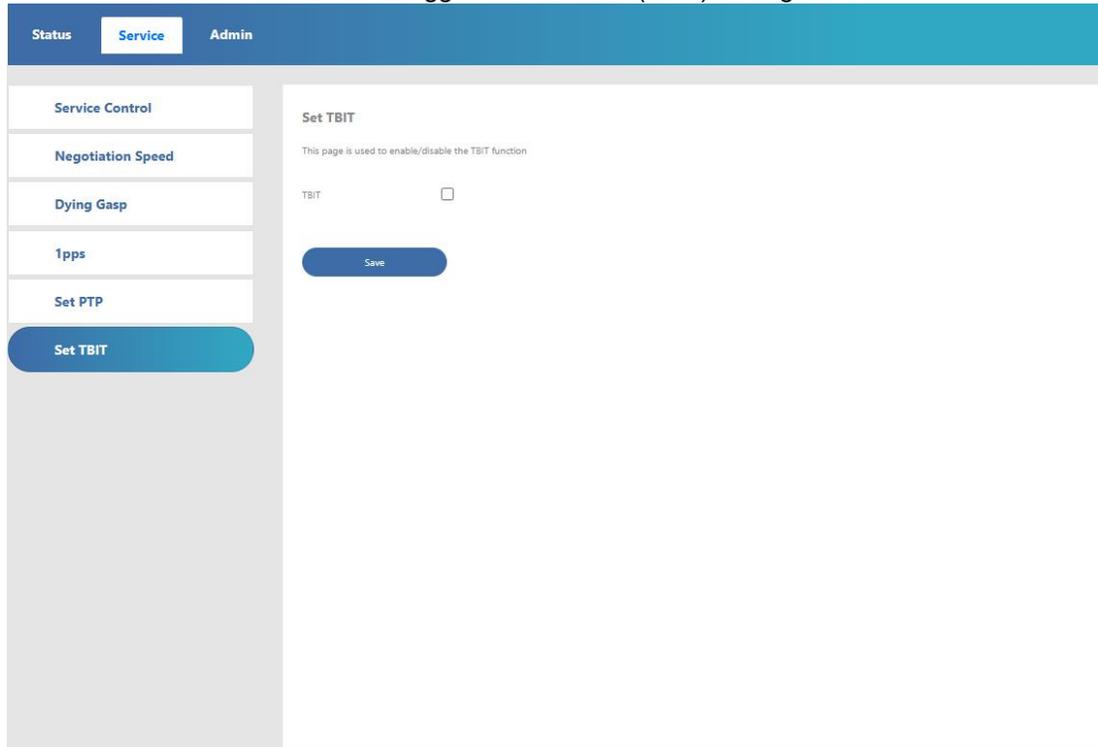
6. Menu Path: Service → 1pps: Calibrate ONU' s local clock to align with OLT time (eliminates second-level deviations).



7. Menu Path: Service → Set PTP: Synchronize time with OLT using 1pps to prevent clock drift.

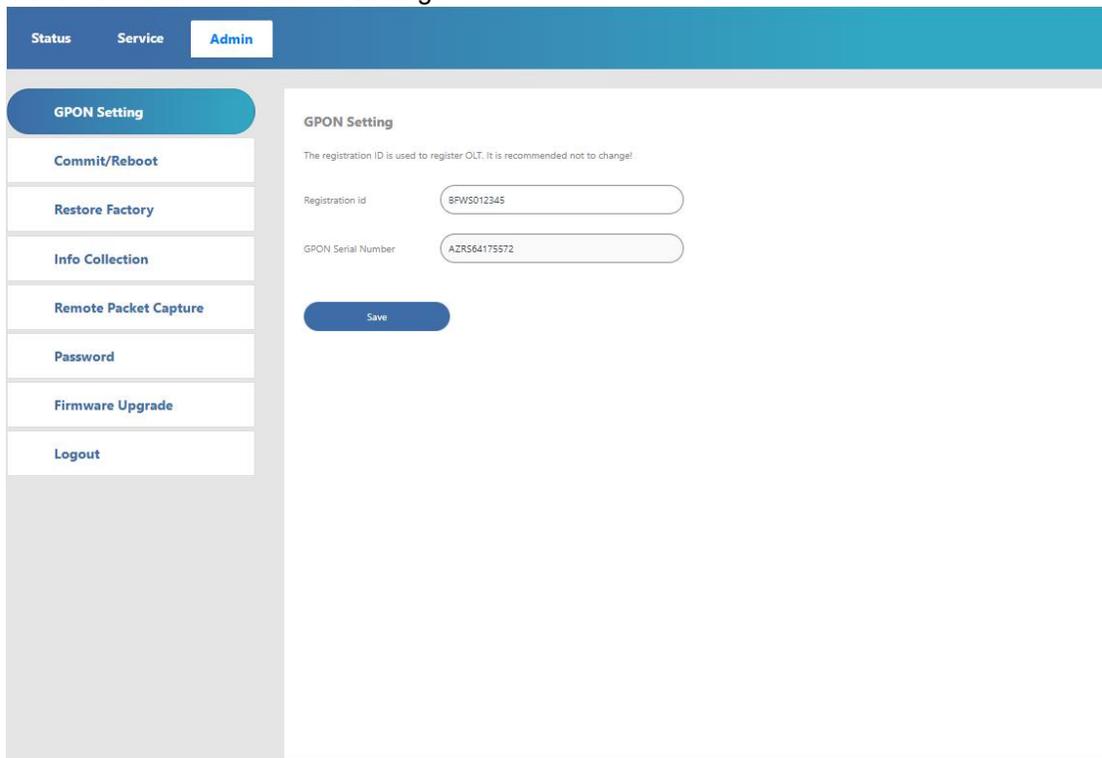


8. Menu Path: Service → Set TBIT: Trigger bit error rate (BER) testing mode.



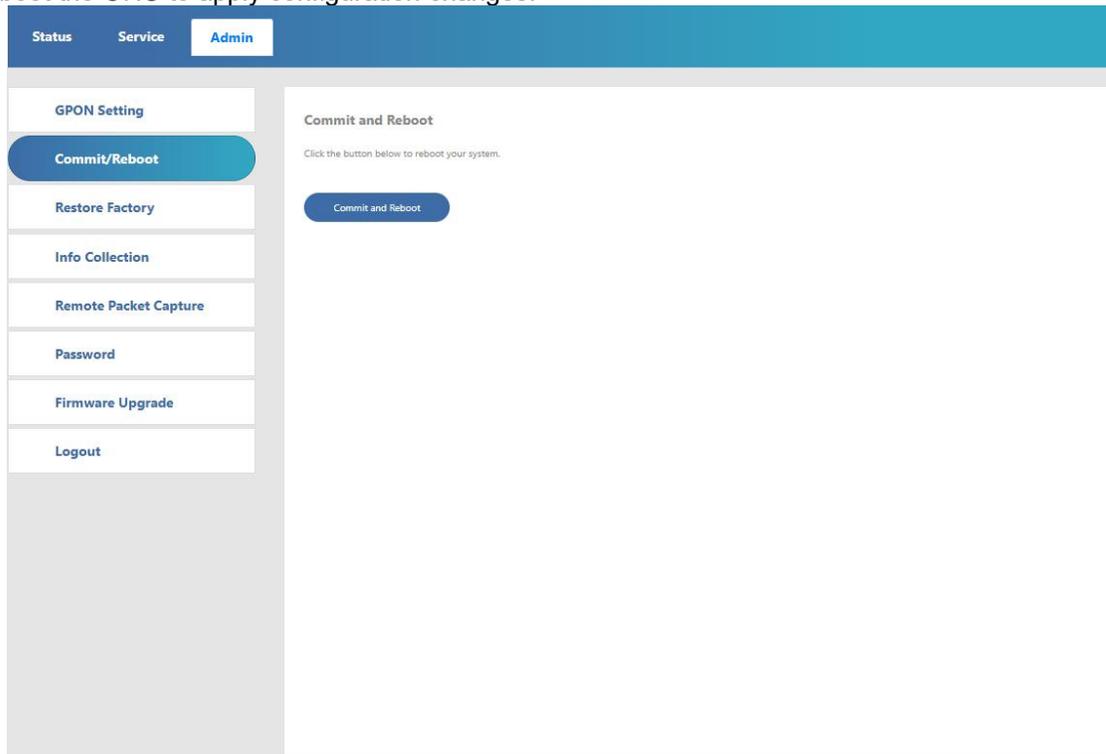
The screenshot shows the 'Set TBIT' configuration page. At the top, there are three tabs: 'Status', 'Service', and 'Admin', with 'Service' selected. On the left side, there is a vertical menu with several options: 'Service Control', 'Negotiation Speed', 'Dying Gasp', 'Tpps', 'Set PTP', and 'Set TBIT' (which is highlighted in blue). The main content area is titled 'Set TBIT' and contains the text: 'This page is used to enable/disable the TBIT function'. Below this text, there is a label 'TBIT' followed by an unchecked checkbox. At the bottom of the main area, there is a blue 'Save' button.

9. Menu Path: Admin → GPON Setting:

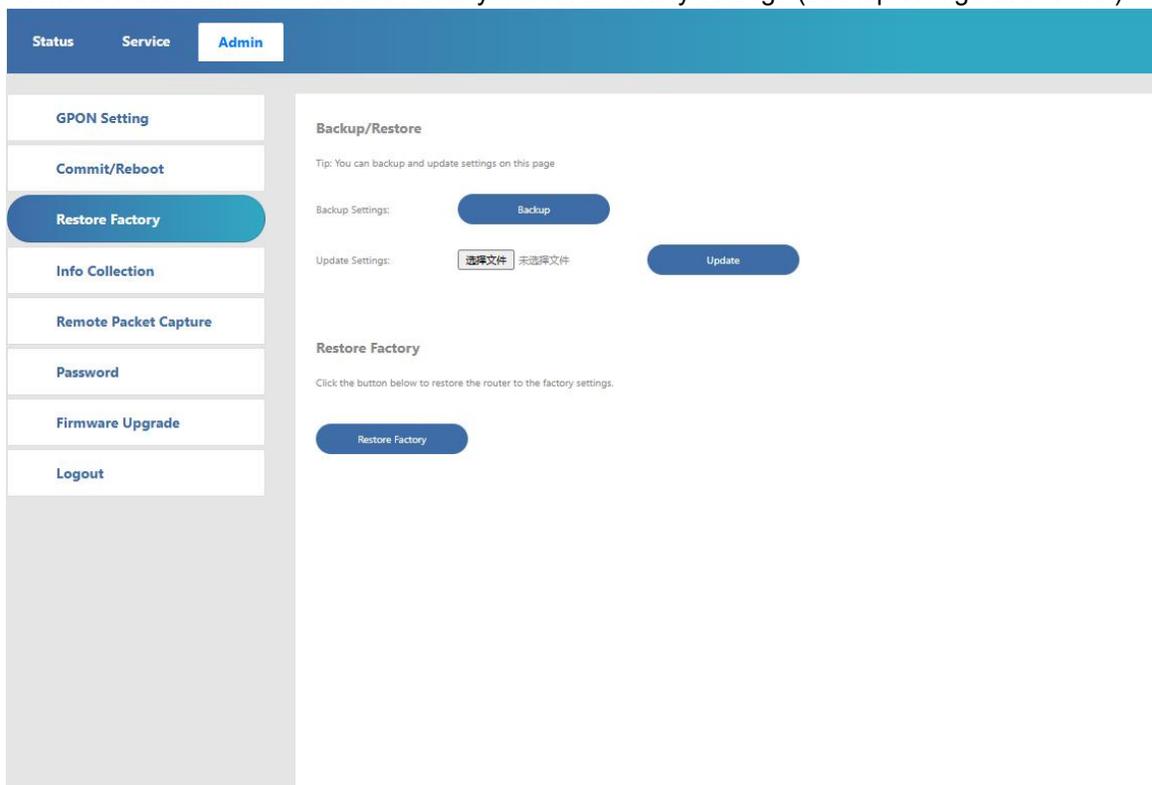


The screenshot shows the 'GPON Setting' configuration page. At the top, there are three tabs: 'Status', 'Service', and 'Admin', with 'Admin' selected. On the left side, there is a vertical menu with several options: 'GPON Setting' (highlighted in blue), 'Commit/Reboot', 'Restore Factory', 'Info Collection', 'Remote Packet Capture', 'Password', 'Firmware Upgrade', and 'Logout'. The main content area is titled 'GPON Setting' and contains the text: 'The registration ID is used to register OLT. It is recommended not to change!'. Below this text, there are two input fields: 'Registration id' with the value 'BFWS012345' and 'GPON Serial Number' with the value 'AZR564175572'. At the bottom of the main area, there is a blue 'Save' button.

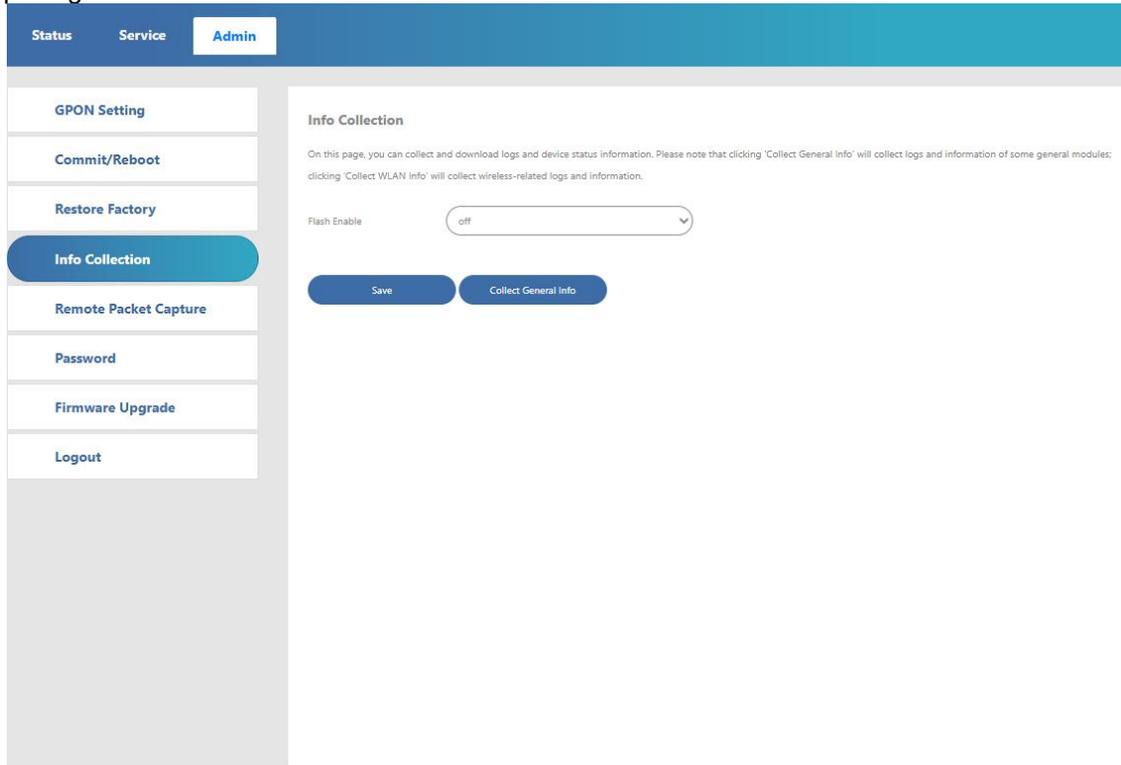
10. Menu Path: Admin → Commit/Reboot: If you have changed the settings but it didn't take effect, reboot the ONU to apply configuration changes.



11. Menu Path: Admin → Restore Factory: Reset to factory settings (backup configurations first).

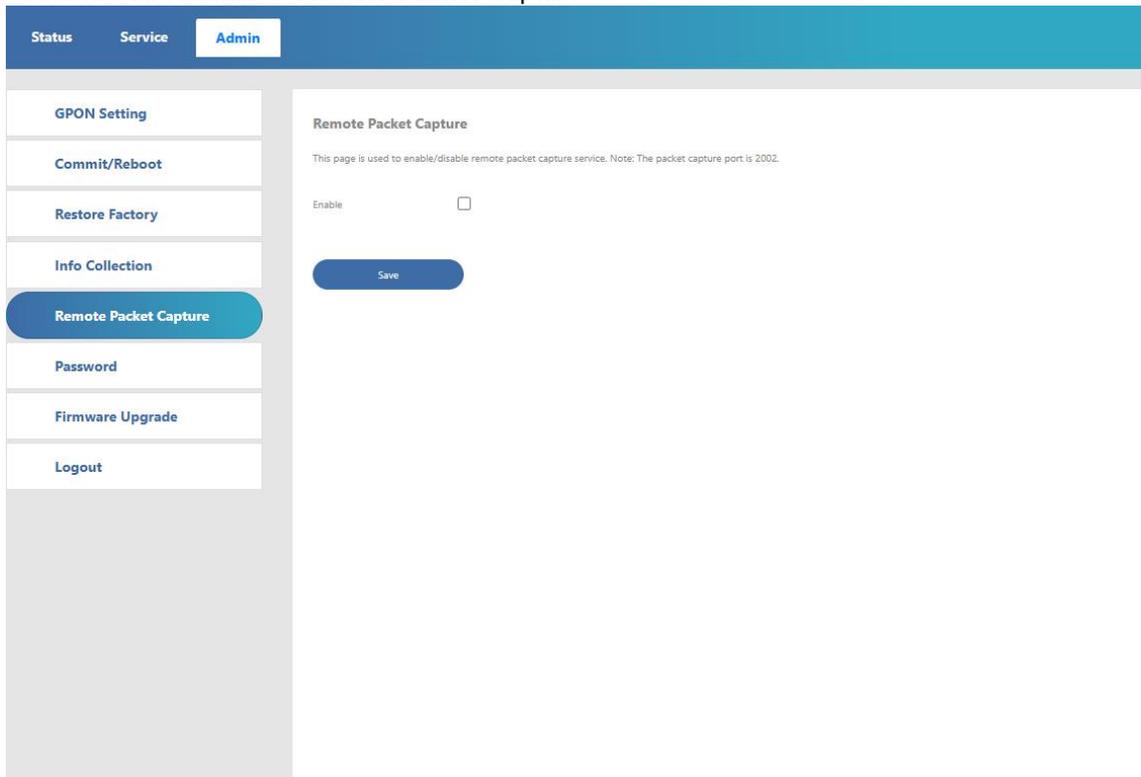


12. Menu Path: Admin → Info Collection: Set Flash Enable to Off, Permanently Open, or Temporary Opening.



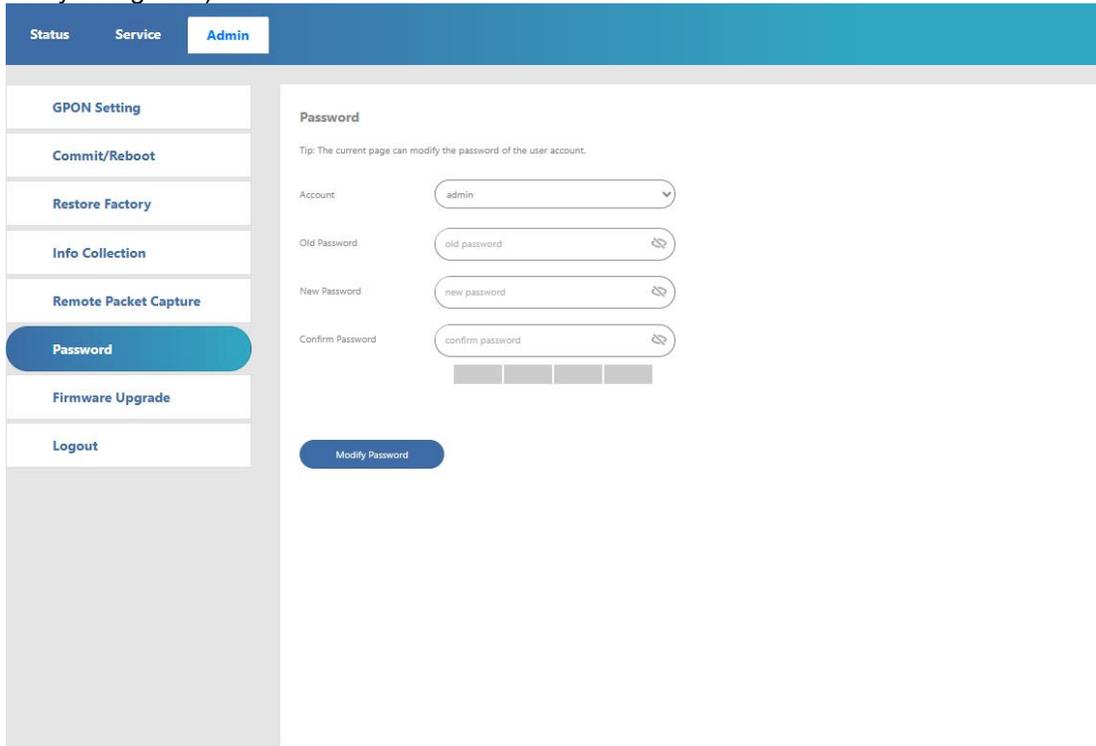
The screenshot shows the 'Admin' section of the web interface. The left sidebar contains a menu with the following items: GPON Setting, Commit/Reboot, Restore Factory, Info Collection (highlighted), Remote Packet Capture, Password, Firmware Upgrade, and Logout. The main content area is titled 'Info Collection' and contains the following text: 'On this page, you can collect and download logs and device status information. Please note that clicking 'Collect General Info' will collect logs and information of some general modules; clicking 'Collect WLAN Info' will collect wireless-related logs and information.' Below this text is a 'Flash Enable' dropdown menu set to 'off'. At the bottom of the main area are two buttons: 'Save' and 'Collect General Info'.

13. Menu Path: Admin → Remote Packet Capture:



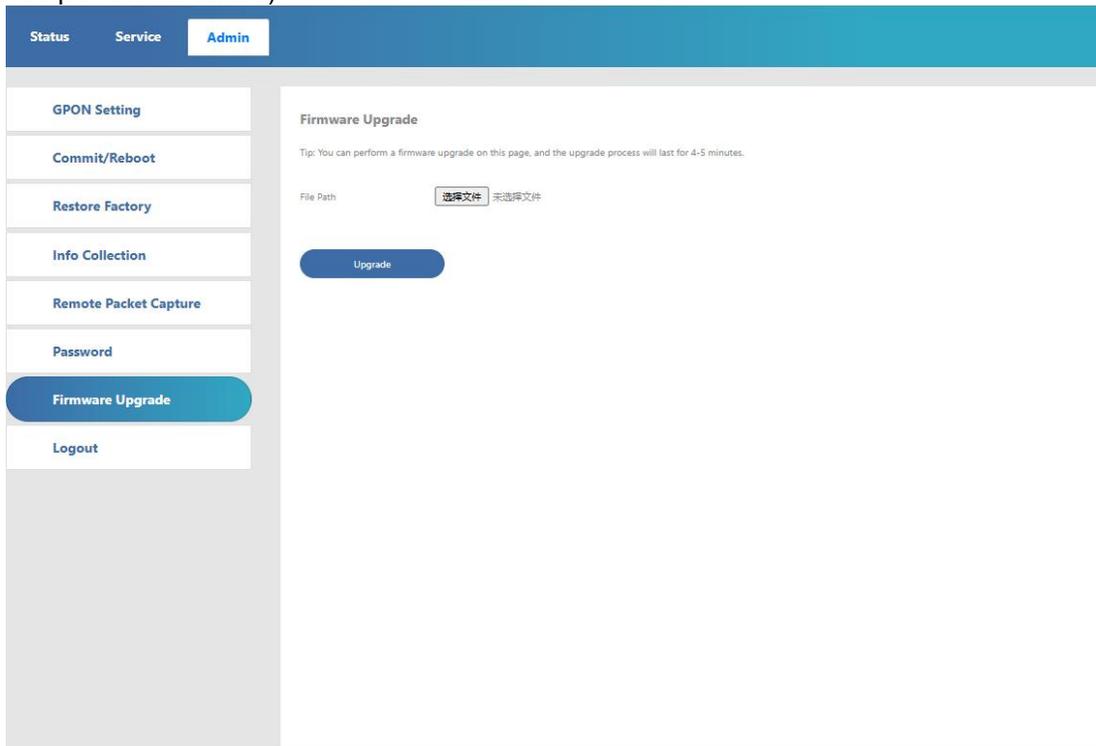
The screenshot shows the 'Admin' section of the web interface. The left sidebar contains a menu with the following items: GPON Setting, Commit/Reboot, Restore Factory, Info Collection, Remote Packet Capture (highlighted), Password, Firmware Upgrade, and Logout. The main content area is titled 'Remote Packet Capture' and contains the following text: 'This page is used to enable/disable remote packet capture service. Note: The packet capture port is 2002.' Below this text is an 'Enable' checkbox which is currently unchecked. At the bottom of the main area is a 'Save' button.

14. Menu Path: Admin → Password: Change login credentials (please record your changes; no recovery if forgotten).



The screenshot shows the 'Admin' section of the interface. On the left is a sidebar menu with options: GPON Setting, Commit/Reboot, Restore Factory, Info Collection, Remote Packet Capture, Password (highlighted), Firmware Upgrade, and Logout. The main content area is titled 'Password' and includes a tip: 'Tip: The current page can modify the password of the user account.' Below the tip are four input fields: 'Account' (a dropdown menu showing 'admin'), 'Old Password' (with a clear icon), 'New Password' (with a clear icon), and 'Confirm Password' (with a clear icon). A 'Modify Password' button is located at the bottom of the form.

15. Menu Path: Admin → Firmware Upgrade: Prohibited operation. Upgrade at your own risk (consequences for failure).



The screenshot shows the 'Admin' section of the interface. On the left is a sidebar menu with options: GPON Setting, Commit/Reboot, Restore Factory, Info Collection, Remote Packet Capture, Password, Firmware Upgrade (highlighted), and Logout. The main content area is titled 'Firmware Upgrade' and includes a tip: 'Tip: You can perform a firmware upgrade on this page, and the upgrade process will last for 4-5 minutes.' Below the tip is a 'File Path' field with a file selection button labeled '选择文件' and '未选择文件'. An 'Upgrade' button is located below the file path field.

16. Menu Path: Admin → Logout:

