

**Status**  
**Network**  
**Security**  
**Application**  
**Administration**  
**Help**

## **Status**

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### **Device Information**

Display primary information of this device: model name, serial number, soft version, boot version, etc.

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### **Network Interface**

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#### WAN Connection

This page displays basic information of WAN connection.

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#### 4in6 Tunnel Connection

Show Tunnel Connection information, including the Tunnel Name, the Tunnel Type, WAN Connection Type, Interface IPv4 Address, AFTR, Connection Status.

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#### 6in4 Tunnel Connection

This page displays the 6in4 Tunnel information.

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## PON information

Show PON state and other information.

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## User Interface

### WLAN

Display WLAN information, including radio status, channel, SSID name, packets received, packets sent, security, etc.

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### Ethernet

Display the Ethernet port information, including port name, link status, packets/bytes received, packets/bytes sent, etc.

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## VoIP Status

Display the current server status of VoIP users.

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## Network

### WAN

#### WAN Connection

PON broadband settings:

1. IPv4 correlative: Connection Mode, including Routing. 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. Some other basic options: VLAN, NAT, etc.

2. IPv6 correlative: Manual mode, manually specify GUA, Gateway and DNS. Auto mode, automatically get GUA, Gateway and DNS according to RA. Prefix delegation: get

prefix used for LAN equipment. Prefix delegation for allocation address: use the prefix delegation get prefix split out prefix configuration address.

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## 4in6 Tunnel Connection

Tunnel configuration information, including how to configure relevant parameters of Tunnel Connection, and WAN Connection Name is the name of underlying WAN Connection associated with the Tunnel, and the range of Interface IPv4 address is between 192.0.0.2 and 192.0.0.6.

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## 6in4 Tunnel Connection

6in4 Tunnel settings. In this page, the WAN Connection represents its underlying Connection name. Please notice that 6in4 Tunnel does not verify the underlying Connection.

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## Port Binding

The management of LAN Port and WAN Connection.

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## DHCP Release First

DHCP Release First

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## **WLAN**

### Basic

Configure WLAN basic parameters, such as radio, channel, wireless mode, transmitting power, etc.

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### SSID Settings

Need To be Added.

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## Security

SSID security setting, supported methods: None, WEP, WPA, WPA2, WPA/WPA2, etc.

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## Access Control List

Configure ACL policy and MAC.

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## Associated Devices

Display the IP address and MAC of the STA associated to SSID.

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## WMM

Set WMM parameters, such as AIFSN, ECWMin, ECWMax, TXOP, Qlength, SRL, LRL.

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## WiFi Restrictions

Configure off time and on time of Scheduled Wireless RF Mode.

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## LAN

### DHCP Server

1.Supporting the management of the Home Gateway's IP address and Second IP address.

2.Dynamic Address management, including Dynamic Address distribution, and parameters distributed to equipment, such as lease time, address range, DNS, etc.

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### DHCP Server(IPv6)

1.Supporting the management of the Home Gateway's IPv6 address and it's prefix length.

2.IPv6 Dynamic Address management: IP Address: configure the IPv6 address and prefix length of the gateway. Enable DHCP Service: enable/disable DHCPv6 service function.

DNS Refresh Time: configure the DNS refresh time distributed to client. Distributed Address List: DUID: DUID of client, identifies one client uniquely. IP Address, IPv6 address distributed to client. Residual Rent Time: the residual rent time of IPv6 address distributed to client.

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## DHCP Binding

Static address management: based on the dynamic address, it provides the configuration on binding relationship of MAC address and IP address (legal IP address), and reserves the configuration IP function.

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## DHCP Port Service

Configure the DHCP service of each port.

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## Prefix Management

This page is used to display and modify the prefix information. The prefix can be obtained automatically, or configured manually. And the information is not allowed to be modified when prefix source is None.

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## DHCP Port Service(IPv6)

DHCPv6 or RA service will be enabled on the port when DHCPv6 or RA is checked.

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## RA Service

Router Advertisement(RA) is called stateless address autoconfiguration, it can periodically send many information include MTU, prefix, DNS and hop limit. The period in random is between mintime and maxtime. Managed address configuration(M) flag, when set, hosts use the DHCPv6 protocol for address auto configuration. Other stateful configuration(O) flag, When set, hosts use the DHCPv6 protocol for auto configuration of other (non-address) information.

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## **PON**

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### **LOID**

CPE registers to OLT via LOID and password.

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### **SN**

Configure PON SN and Password, CPE registers to OLT via SN and password.

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## **Routing(IPv4)**

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### **Default Gateway**

Default Route Interface Configuration: specify a WAN connection as the default one for routing.

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### **Static Routing**

Static Routing Configuration:select a WAN connection as the Route Interface, then configure destination IP, Mask, Gateway.

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## Policy Routing

Policy Forwarding Configuration: according to the IP, MAC, Port, Protocol, DSCP, TOS, specify the Route Interface, and forward packets.

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## Routing Table

Route Information View, such as Network Address, Subnet Mask, Gateway, Interface Information.

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## **Routing(IPv6)**

### Default Gateway

Default Route Interface Configuration: specify a WAN connection as the default one for routing.

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### Static Routing

Static Routing Configuration: select a WAN connection as the Route Interface, then configure destination IP, Prefix, and Gateway.

-----[Top]

## Policy Routing

Policy Forwarding Configuration: according to the IP, MAC, Port, Protocol, specify the Route Interface, and then forward packets.

-----[Top]

## Routing Table

Route Information View, such as Network Address, Prefixlen, Gateway, Interface, Route Type Information.

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## **Port Locating**

Configure Port Locating function.

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## **Security**

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### **Firewall**

This page allows the user to set the level of the firewall(IPv4) and protection against attacks. After setting, this page displays the level of the firewall and the new state of protection against attacks.

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### **IP Filter**

This page allows the user to set the rule to filter the packet. After setting, this page displays the rule.

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### **MAC Filter**

MAC Address Filter: The MAC Address Filter settings can set the relevance parameters of the MAC filter function. The user interface will display the set MAC Filter rules after setting completed.

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### **URL Filter**

URL Filter: The URL Filter settings can set rule to filter HTTP packets or accept HTTP packets. The page will display the new URL Filter rules after setting completed.

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### **Service Control**

This page allows the user to set the Service Control. After setting, this page displays the new state of Service Control.

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## **ALG**

This page allows the user to set ALG switch. After setting, this page displays the new state of ALG switch.

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## **Application**

## **VoIP**

### WAN Connection

Setup the network interface used by VoIP.

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### Advanced

#### VoIP Function Configure:

- 1.Echo Cancellation--can be set to Enable or Disable.
- 2.DTMF transfer Configure--RFC2833 or transparency.
- 3.Jitter Buffer--Can be set to Adaptive Mode or Fixed Mode, and set the jitter length respectively. After set, new status will show up.

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### Fax

Enable or disable the FAX transport in T.38 Mode.

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### SIP

SIP general configuration, including server configuration and function options.

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### SIP Accounts

SIP user configurations, including SIP Account, password, authentication user name.

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### VoIP Services

## VoIP Services

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### Digital Map

Configure Digital Map, in which "X" represents a number from 0 to 9 and "," represents many.

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### Media

Set codecs which could be supported on VoIP line and their priorities.

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### Caller ID

#### Caller ID

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### SLIC configuration

Configure ringing voltage, loop current and open circuit voltage information.

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## **DDNS**

This page allows to enable or disable the function of DDNS. After settings are completed, it shows the new DDNS status.

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## **DMZ Host**

This page allows to set DMZ Host and displays the information of DMZ Host.

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## **UPnP**

This page allows to enable or disable UPnP function, and also allows configuring other settings.

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## **UPnP Port Mapping**

This page displays UPnP Port Mapping rules and also allows deleting it.

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## **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.

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## **DNS Service**

### Domain Name

Domain Name is represent a small network in LAN side with a name space, it can be configured on interface of LAN side.

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### Hosts

Host Name is mapped with a IP Address, they can be configured by user to resolve DNS request.

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### DNS

DNS Server is a database include hostname and IP Address, it can be configured to help DNS request in LAN side.

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## **SNTP**

This page can display the current time,it can also set the time zone and the time server address.

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## **MultiCast**

### IGMP WAN Connection

Choose the WAN Connection of bridge or route type for

IGMP packet.

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MultiCast Mode

Enable MultiCast snooping, proxy mode and configure some other parameters.

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MLD WAN Connection

Choose the WAN Connection of bridge or route type for MLD packet.

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Basic Configuration

Set the Aging Time and Leave Mode for MultiCast Module.

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VLAN Configuration

The MultiCast VLAN can be set to different port, and the user interface will display the new Configuration.

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Maximum Address Configuration

The Maximum Number of Addresses can be set to different port, and the user interface will display the new Configuration.

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**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.

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**Port Trigger**

This page allows the user to set the parameters of port trigger rule. After setting, this page displays the rule.

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## **Port Forwarding ( Application List )**

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.

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## **Application List**

Application list can set virtual host rules and IP filtering rules to associate with an application name. After the configuration is completed, users can use the application name to set the rule.

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## **Administration**

### **TR-069**

#### **Basic**

WAN Connection: TR069 bind WAN. ACS URL: ACS server URL, eg: http://domain(or IP). Username/Password: ACS authenticates username and password. Connection Request URL: Connection Request URL, eg:http://[IPv6 address]: port, or http://IPv4 address: port. Connecting Request Username/Password: Connection Request authenticates username and password. Enable Periodic Inform: Periodic Inform switch, enable when selected. Periodic Inform Interval: Periodic Inform interval(second). Authenticating ACS: Authenticating ACS switch, enable when selected. Authenticating File Server: Authenticating File Server switch, enable when selected.

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#### **Certificate**

Page for importing certificate.

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## **User Management**

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WEB User Management

Maintaining the WEB users' accounts information of the device.

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## **Login Timeout**

Login timeout configuration.

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## **System Management**

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System Management

Reboot or restore default if needed.

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Software Upgrade

Upgrade software version by the operation.

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User Configuration Management

Export User Configuration: export user configuration file from device.

Import User Configuration: import specified user configuration file to device.

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Default Configuration Management

Export Default Configuration: export default configuration file from device.

Import Default Configuration: import specified default confirmation file to device.

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## Remote Upgrade

Remote upgrading of configuration or software version could be done by configured path.

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## Log Management

Log Management: set the log enable, the log level, the remote log server. Log Search: based on different log level you chose, device displays the corresponding log. Clear Log: delete the current log.

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## Diagnosis

### Ping Diagnosis

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

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### Trace Route Diagnosis

This pages is used for diagnosing the network status from this device to the specified IP address or host name by traceroute test.

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### Simulation

Setting basic configuration for Simulation.

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### 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.

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## PPPoE Diagnosis

Check whether PPPoE connection is available and show the status of every dialing phase.

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## DNS Diagnosis

Diagnose existence of the host name in network.

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## IP Diagnosis

Diagnose the connection between DHCP WAN and the server.

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## Voice Diagnosis

Display the register status of VoIP users and the analysis of server domain name.

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## ARP Table

ARP Information View.

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## MAC Table

MAC Information View.

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## **Loopback Detection**

### Basic Configuration

This page is used to configure the loopback global configuration. Port Closing Time is the port's 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.

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## Enable Configuration

This page is used to configure the loopback enable configuration. Loopback Enable is used to control whether to detecting loopback; Alarm Enable is used to control whether to report alarm when detected loopback; Portdislooped Enable is used to control whether to shut down the port when detected loopback.

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## VLAN Configuration

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

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## IPv6 Switch

Enable or disable IPv6 function of this device.

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## VoIP Protocol Switch

Switching VoIP Protocol.

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## Help

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**Help**

Help to learn the function and how to use this device.

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