

How To Configure Internet, Voice And Wifi In Richerlink Dual Band Onu

- 1 Connect Lan Cable From Onu To Laptop and Open Onu With 192.168.1.1
- 2 Id: admin
- 3 Password:- ONU@xxxx (xxxx is last 4 digit of Onu Mac Address In Small)



The image shows the login page for RicherLink. The page has a blue background. At the top, the logo "RicherLink" is displayed in blue, with the Chinese characters "瑞吉联" below it. Below the logo, there are three input fields: "Username:" with a white box, "Password:" with a white box, and "Validate Code:" with a white box. To the right of the "Validate Code:" field is a "Refresh" button. At the bottom, there is a "Login" button. The text "xm66e" is written in red on the page.

RicherLink
瑞吉联

Username:

Password:

xm66e Refresh

Validate Code:

Login

- 1 After Login Click On Network.
- 2- Click On Add button And Choose Internet In Service Option.
- 3- Select Link Mode PPPOE/IPOE
- 4- Give PPPOE Id password, If there Is Any Vlan, Change Vlan mode to tag and give the Vlan Id
- 5- Click On Apply And Save The Settings

The screenshot displays the Network Configuration page in a web interface. The top navigation bar includes icons for Status, Network (highlighted), Security, Application, Management, and Diagnosis. Below this, a sub-menu shows WAN, Binding, LAN, QoS, WLAN, WLAN5G, CWMP, Time, and Routing. The main content area is titled 'WAN Configuration' and contains the following settings:

- WAN Interface:** Add WAN interface (dropdown) with an **Add** button.
- Mode:** Route (dropdown) with **Enable:**
- Service:** INTERNET (dropdown)
- Binding Option:** LAN1 LAN2 SSID1 SSID2 SSID3 SSID4 SSIDAC1 SSIDAC2 SSIDAC3 SSIDAC4
- Enable DHCP Server:**
- Link Mode:** IPoE (dropdown)
- IP Protocol:** IPv4 IPv6 IPv4/IPv6
- DHCP:** get a dynamic ip address automatically from ISP.
- Static:** configure a static ip from ISP.
- VLAN Mode:** TRANSPARENT (dropdown)
- Multicast VLAN ID[1-4094]:** [Empty text box]
- MTU[576-1500]:** 1500
- Enable NAT:**

At the bottom left, there is a **Delete** button.

1 Click On Status and Select WAN.

2 If Showing Connected and ip address here , it means the onu is connected with internet 3- Internet led will also Up on ONU

The screenshot shows the RicherLink web interface for a device with Model: RL821GWV-D. The user is logged in, as indicated by "Welcome! Logout" in the top right. The navigation menu includes Status, Network, Security, Application, Management, and Diagnosis. The "Status" page is active, showing a table of WAN configurations. The table has columns for WAN Name, Status, IP Address, Subnet Mask, IP Acquisition Mode, VLAN/Priority, MAC Address, Default Gateway, Primary DNS, and Secondary DNS. The WAN Name "2_INTERNET_R_VID_" is shown with a "Connected" status, IP Address "192.168.1.2", Subnet Mask "255.255.255.0", IP Acquisition Mode "DHCP", VLAN/Priority "-", MAC Address "1C:18:4A:AA:6B:73", Default Gateway "192.168.1.1", Primary DNS "192.168.1.1", and Secondary DNS "-".

RicherLink 瑞吉联 Model: RL821GWV-D Welcome! Logout

Status Network Security Application Management Diagnosis

Device Network User VoIP CWMP

WAN Name	Status	IP Address	Subnet Mask
2_INTERNET_R_VID_	Connected	192.168.1.2	255.255.255.0

WAN Name	Status	IP Acquisition Mode
2_INTERNET_R_VID_	Automatic	DHCP

WAN Name	VLAN/Priority	MAC Address
2_INTERNET_R_VID_	-/-	1C:18:4A:AA:6B:73

WAN Name	Default Gateway	Primary DNS	Secondary DNS
2_INTERNET_R_VID_	192.168.1.1	192.168.1.1	-

IPv4 Information
IPv6 Information
PON Information

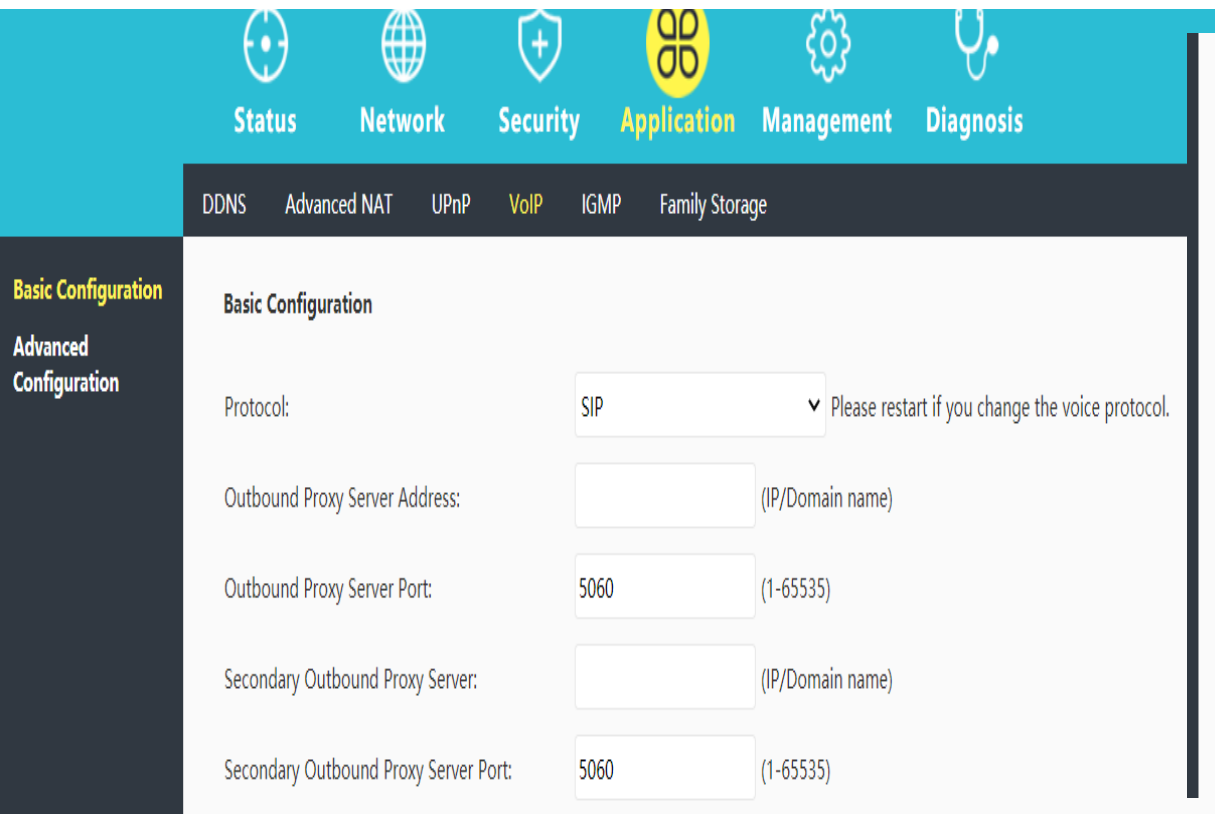
- 1- For Voice, Click On Network.
- 2- Click On Add button And Choose Voice In Service Option.
- 3- Select Link Mode PPPOE/IPOE
- 4 Give PPPOE/DHCP, Id passwo, If there Is Any Vlan, Change Vlan mode to tag and give the Vlan Id
- 5 Click On Apply And Save The Settings

The screenshot displays the RicherLink web management interface for a device with model RL821GWV-D. The top navigation bar includes 'Status', 'Network' (highlighted), 'Security', 'Application', 'Management', and 'Diagnosis'. Below this, a sub-menu shows 'WAN' (highlighted), 'Binding', 'LAN', 'QoS', 'WLAN', 'WLAN5G', 'CWMP', 'Time', and 'Routing'. The main content area is titled 'WAN Configuration' and contains the following settings:

- WAN Interface: 3_VOICE_R_VID_1849 (with an 'Add' button)
- Mode: Route (with an 'Enable' checkbox checked)
- Service: VOICE
- Link Mode: IPoE
- IP Protocol: IPv4 IPv6 IPv4/IPv6
- DHCP: get a dynamic ip address automatically from ISP.
- Static: configure a static ip from ISP.
- VLAN Mode: TAG
- VLAN ID[1-4094]: 1849
- 802.1p[0-7]: Enable
- MTU[576-1500]: 1500

At the bottom of the configuration area, there is a 'Delete' button and 'Apply' and 'Cancel' buttons.

- 1- Click On Application and Click Voip.
- 2- Give Sip server Ip , (if don't know ask to your service provider)
- 3- Give Telephone id and Password,Click Apply
- 4- Status/Voip It show registered ,also it will show Fx light on Onu



Basic Configuration

Protocol: SIP Please restart if you change the voice protocol.

Outbound Proxy Server Address: (IP/Domain name)

Outbound Proxy Server Port: 5060 (1-65535)

Secondary Outbound Proxy Server: (IP/Domain name)

Secondary Outbound Proxy Server Port: 5060 (1-65535)

VoIP Voice Coding Configuration

Coding and Decoding Mode	Enable	Packing time(ms)	Priority(1-5)
G.711 a-law	<input checked="" type="checkbox"/>	20	1
G.711 u-law	<input checked="" type="checkbox"/>	20	2
G.729	<input checked="" type="checkbox"/>	20	3
G.722	<input checked="" type="checkbox"/>	20	4

User Basic Parameters

Number	Register Username	Authenticate Username	Password
1	<input type="text"/>	<input type="text"/>	<input type="text"/>

Apply Cancel

- 1- For wifi Go To Network and Click WLAN 2.4G or 5G
- 2- in SSID Give the name which you want
- 3- In Pre Shared key give the wifi password
- 4- Click on Apply To Save the changes
- 5- Check Wifi name In Your Mobile And Laptop

The screenshot displays the RicherLink web management interface for a device with Model: RL821GWV-D. The top navigation bar includes the RicherLink logo (瑞吉联), the model number, and a 'Welcome! Logout' link. Below this is a main menu with icons for Status, Network (highlighted), Security, Application, Management, and Diagnosis. A secondary menu lists various network settings: WAN, Binding, LAN, QoS, WLAN (highlighted), WLAN5G, CWMP, Time, and Routing. The 'WLAN Configuration' section is active, showing 'Shared Configuration' options. The 'Enable WLAN' checkbox is checked. Other settings include Mode (802.11b/g/n mixed), Channel (Auto), Transmitting Power (100%), SSID Index (SSID1), SSID (SSID1-2.4G), Channel Width (20/40 MHz), Extension Channel (Upward), and Rate (Auto).

RicherLink Model: RL821GWV-D Welcome! Logout
瑞吉联

Status Network Security Application Management Diagnosis

WAN Binding LAN QoS WLAN WLAN5G CWMP Time Routing

WLAN Configuration
Shared Configuration

Enable WLAN

Mode: 802.11b/g/n mixed

Channel: Auto

Transmitting Power: 100%

SSID Index: SSID1

SSID: SSID1-2.4G

Channel Width: 20/40 MHZ

Extension Channel: Upward

Rate: Auto