

## How To Configure Internet, Voice And Wifi In Richerlink 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)



Username:

Password:

- 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 for a device (CPE Name: HGW, Model: RL821GWV). The 'Network' tab is active, and the 'WAN Settings' section is expanded. A new WAN interface is being configured with the following settings:

- Interface: New WAN interface (dropdown)
- Mode: Route (dropdown)
- Service: INTERNET (dropdown)
- Enable:
- Binding Options:  LAN1,  LAN2,  SSID1,  SSID2,  SSID3,  SSID4
- DHCP Server Enable:
- Link Mode: PPPoE (dropdown)
- IP Version:  IPv4,  IPv6,  IPv4/IPv6
- VLAN Mode: TRANSPARENT (dropdown)
- Multicast VLAN ID[1-4094]: [empty text box]
- MTU[128-1492]: 1492
- Enable NAT:
- UserName: sk1455
- Password: [masked with dots]
- Server Name: [empty text box]
- Enable mode that mixed with PPPoE, bridge and routing:

Buttons: Add, Delete

Note: If you change the service related with VoIP, please re-register your VoIP

HELP

- 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



[Welcome!](#)   [Logout](#)

CPE Name: HGW
Model: RL821GWV

Status

Status
Network
Security
Application
Maintenance
Diagnosis

| Device | WAN | LAN | VoIP | TR069 |

IPv4 Wan Interface

Wan Name	Status	IP Address	Subnet Mask
2_INTERNET_R_VID_	Connected	10.215.63.56	255.255.255.0

Wan Name	Connection Status	IP Mode
2_INTERNET_R_VID_	AUTO	DHCP

Wan Name	VLAN/Priority	MAC Address
2_INTERNET_R_VID_	-/-	1C:18:4A:BA:55:11

Wan Name	Default Gateway	Primary DNS	Secondary DNS
2_INTERNET_R_VID_	10.215.63.55	10.215.63.55	-

HELP

- 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. At the top left is the RicherLink logo with the Chinese characters '瑞吉联'. The top right shows a user greeting 'Welcome!' and a 'Logout' link. Below this is a navigation bar with 'CPE Name: HGW' and 'Model: RL821GWV'. The main navigation menu includes 'Network', 'Status', 'Network', 'Security', 'Application', 'Maintenance', and 'Diagnosis'. Under the 'Network' menu, there are sub-links for 'WAN', 'Binding', 'LAN', 'WLAN 2.4G', 'TR069', 'QoS', 'SNTP', and 'Routing'. The 'WAN Settings' page is active, showing configuration for a voice service. The 'Interface' is '3\_VOICE\_R\_VID\_1849', 'Mode' is 'Route', and 'Service' is 'VOICE'. The 'Link Mode' is 'IPoE' and 'IP Version' is 'IPv4'. The 'DHCP' option is selected, with a note: 'Automatically get a dynamic IP address from your ISP. Manually configure static IP address.' The 'VLAN Mode' is 'TAG', 'VLAN ID[1-4094]' is '1849', '802.1p[0-7]' is '0', and 'MTU[576-1500]' is '1500'. There are 'Add' and 'Delete' buttons. A 'HELP' button is visible on the right side.

**RicherLink**  
瑞吉联

Welcome! [Logout](#)

CPE Name: HGW Model: RL821GWV

**Network** Status Network Security Application Maintenance Diagnosis

| WAN | Binding | LAN | WLAN 2.4G | TR069 | QoS | SNTP | Routing |

**WAN Settings**

Interface: 3\_VOICE\_R\_VID\_1849

Mode: Route  Enable:

Service: VOICE

Note: If you change the service related with VoIP, please re-register your VoIP

Link Mode: IPoE

IP Version:  IPv4  IPv6  IPv4/IPv6

DHCP Automatically get a dynamic IP address from your ISP.  
 Static Manually configure static IP address.

VLAN Mode: TAG

VLAN ID[1-4094]: 1849

802.1p[0-7]: 0

MTU[576-1500]: 1500

**HELP**

- 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

Application
Status
Network
Security
Application
Maintenance
Diagnosis

| DDNS | Advance NAT | UPnP | VoIP | IGMP/MLD | Daily Application |

VoIP Settings

HELP

VoIP Advanced Settings

**VoIP Basic Settings**

Input VoIP parameters, and click [apply] to save .

Protocol:  To switch voice protocol, reboot.

Binding Interface Name:  (Note: You must restart VoIP services to take effect)

Region:  (Note: you must restart Voip services to take effect)

Register server:

Register server port:

SIP Proxy Address:

SIP Proxy Port:

SIP Outband Proxy:

SIP Outband proxy Port:

SB Register Server:

SB Register Server Port:

SB SIP Proxy Address:

SB SIP Proxy Port:

SB Outband Proxy:

SB Outband Proxy Port:

Status	<input type="text" value="Enabled"/>
regist status	Business channel exceptio
Account	<input type="text"/>
Password	<input type="text"/>

- 1- For wifi Go To Network and Click WLAN 2.4G
- 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

The screenshot shows the 'WLAN Settings' page in a network management interface. The page is titled 'WLAN Settings' and is part of the 'Network' section. The interface includes a navigation bar with tabs for 'Status', 'Network', 'Security', 'Application', 'Maintenance', and 'Diagnosis'. The 'Network' tab is selected, and the 'WLAN 2.4G' sub-tab is active. The settings are as follows:

- Wireless Enable:
- Wireless Mode: 802.11b/g/n Mixed
- Wireless Channel: Auto
- TX Power: 100%
- SSID Index: SSID1
- SSID: Mani
- Rate: Auto
- Channel Bandwidth: 20/40 MHz
- Guard Interval: Short
- SSID Enable:
- Max STA Number: 0 (0,1-32) 0:means unlimited
- Disable Broadcast SSID:
- Security Mode: WPA-PSK/WPA2-PSK
- WPA Pre-Shared Key: [Redacted]
- WPA Encryption: AES
- WPS Enable:
- WPS Mode: Start WPS

**Prompt:**  
If the security mode is set to WPA / WPA2, the transmission data will be encrypted.  
Key length can be set to 8-63. Requires operating system support.

Buttons: Apply, Cancel