PUSR®
www.pusr.com

Dual SIM 4G Router

User Manual

USR-G805s-42, USR-G805s-G

V2.0

Be Honest & Do Best

Your Trustworthy Smart Industrial IoT Partner

Content

1. Introduction

1.1. Features

Stable and reliable

◆Industrial grade design for harsh environments, IP30 mental housing.

◆Qualcomm processor, to ensure powerful performance.

◆Support wall mounting and flat surface placement.

◆Wide input voltage range 9~36VDC, reverse polarity protection.

◆Multiple EMC protection level 2: Surge, EFT and ESD protection

◆Built-in hardware watchdog, fault self-detection and self-repair, to ensure system stability.

Flexible networking

◆Dual sim cards, single standby.

◆Supports global mainstream 4G band, can work in global area.

◆Equipped with 5 Ethernet ports:1*WAN, 1*WAN/LAN (Switchable), 3*LAN.

◆Supports 2.4G Wi-Fi, AP/STA/bridge mode, flexible networking.

Powerful function

◆Supports 4G APN/VPDN sim cards.

◆Built-in ICMP keep-alive detection, heartbeat packet detection and other functions to ensure the stable operation of the device.

◆Supports firewall, NAT, DMZ, port forwarding, access restriction, etc. to ensure data security.

◆Cooperating with PUSR service, it can realize centralized management of remote equipment and improve operation and maintenance efficiency.

◆Supports mainstream VPN: PPTP, L2TP, Ipsec, GRE and enhanced OpenVPN.

1.2. Parameters table

Table 1. Parameters of USR-G805

USR-G805 specifications		
Cellular Interface	Frequency	4G LTE LTE-FDD: B1/2/3/4/5/7/8/12/13/18/19/20/25/26/28/66; LTE-TDD: B34/38/39/40/41; WCDMA: B1/2/4/5/6/8/19; GSM/EDGE:B2/3/5/8;

	Maximum Transmission Data Rate	LTE-FDD (Mbps) :150 (DL)/50 (UL) LTE-TDD (Mbps):130 (DL)/30 (UL)
	Antennas	1 × SMA-K Connectors (Center PIN: SMA Female)
	SIM Slot	2 x (3 V/1.8 V) Nano-SIM(4FF) Push-push type slot
Ethernet Interface	WAN	2 x WAN ports, RJ45, 10/100 Mbps, the WAN2 port can be configure as LAN port, supports auto MDI/MDIX crossover, Ethernet Isolation 1.5 KV
	LAN	3 x RJ45 port, 10/100 Mbps, supports auto MDI/MDIX crossover, Ethernet Isolation 1.5 KV
Indicators	PWR	red, always on after powered on
	WLAN	green, always solid on when WiFi is enabled and working properly
	NET	ON: Signal strength 25-31 (signal strong) Blinking: Signal strength 15-24 (signal strength is basically normal, and equipment maybe disconnect with the base station) OFF: Signal strength 1-14 (Signal strength is weak, please check antenna and the signal strength of current location)
Wi-Fi Interface	Antennas	1 × SMA-K Connectors (Center PIN: SMA Male)
	Standards	IEEE 802.11b/g/n (2.4GHz)
	Modes	AP/AP+STA/AP+WDS repeater
	Data speed	Up to 150 Mbps
	Security	Wi-Fi security with mixec-psk, psk+ccmp, psk2, psk2+tkip
	Transmission distance	150 meters by line of sight. Actual transmission distance depends on environment of the site.
Power Supply	Adapter	DC 12V/1A
	Connector	DC Power Jack Barrel Type Female 5.5*2.1mm Round socket
	Input voltage range	DC9-36V
	Power consumption	Max 700mA@12C Average 376mA@12V
Physical Characteristics	Casing material	Metal shell, ingress protection IP30
	Dimensions	127.0*84.0*27.0mm (L*W*H, antenna pedestal, terminal block and DIN Rail are not included)
	Installation	Desktop, wall mounting
	EMC	Static IEC61000-4-2, level 2 Pulsed Electric Field IEC61000-4-4, level 2 Surge IEC61000-4-5, level 2
	Operating Temperature	-20℃ ~ +70℃
	Storage Temperature	-40℃ ~ +125℃ (Non-condensing)
	Relative Humidity 0	5%~95% (Non-condensing)
Others	Reload button	1 × Reload
	TBD	Debug interface (TTL Level)
	Ground protection	Screw
	Built-in	Watchdog
Software	Network Protocols	PPP, PPPoE, TCP, UDP, DHCP, ICMP, NAT, HTTP, DNS, ARP, NTP, Telnet, SSH, DDNS, etc.
	VPN	LT2P, PPTP, OpenVPN, Ipsec, GRE

	Security	Access Control, DMZ, Port Forwarding, SYN-Flood Protection, Filtering (IP& MAC & Domain)
	Management	Web UI, PUSR cloud
	Reliability	WAN Failover, Dual SIM Backup
Certificate	In progress	CE, *FCC, *WEEE, RoHS, *RCM, *WPC

1.3. Indicator introduction

USR-G805s provides 3 indicators in total, the specific description is as follows.

Table 2. LED indicator

Name	Description
PWR(Red)	On: power supply is normal. Off: No power supply or abnormal power supply.
WLAN(Green)	green, always solid on when WiFi is enabled and working properly
Cellular(Green)	ON: Signal strength 25-31 (signal strong) Blinking: Signal strength 15-24 (signal strength is basically normal, and equipment maybe disconnect with the base station) OFF: Signal strength 1-14 (Signal strength is weak, please check antenna and the signal strength of current location)

1.4. Dimension

➢Sheet metal housing, wall mounting supported.

➢127.0*84.0*27.0mm (L*W*H, accessories not included)

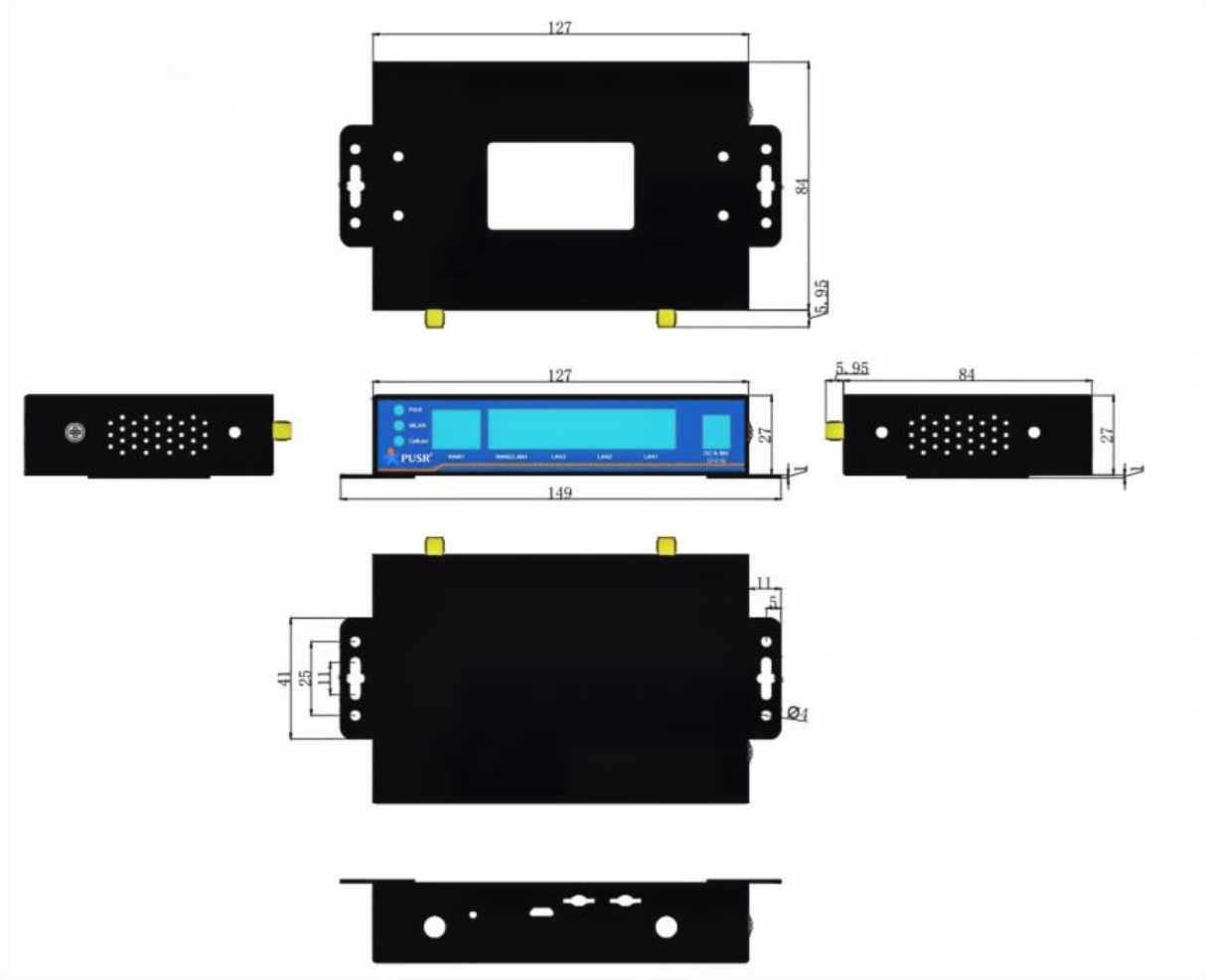


Figure 1. Dimension of USR-G805s

2. Get Started

2.1. Login router

Power on the G805s router, connect PC to USR-G805s via LAN port or via Wi-Fi, users can login router via Chrome or the other browser. The default network parameters are shown in the following table:

Table 3. Default network parameters

Parameter	Default value
SSID	USR-G805s-xxxx
LAN IP	192.168.1.1
Username	admin
Password	admin
Wi-Fi password	www.pusr.com

Open the browser, enter 192.168.1.1 in the URL blank, and press Enter, it will navigate to the following webpage. After entering the login password, clicking login, the web page will show configuration page of USR-G805s.

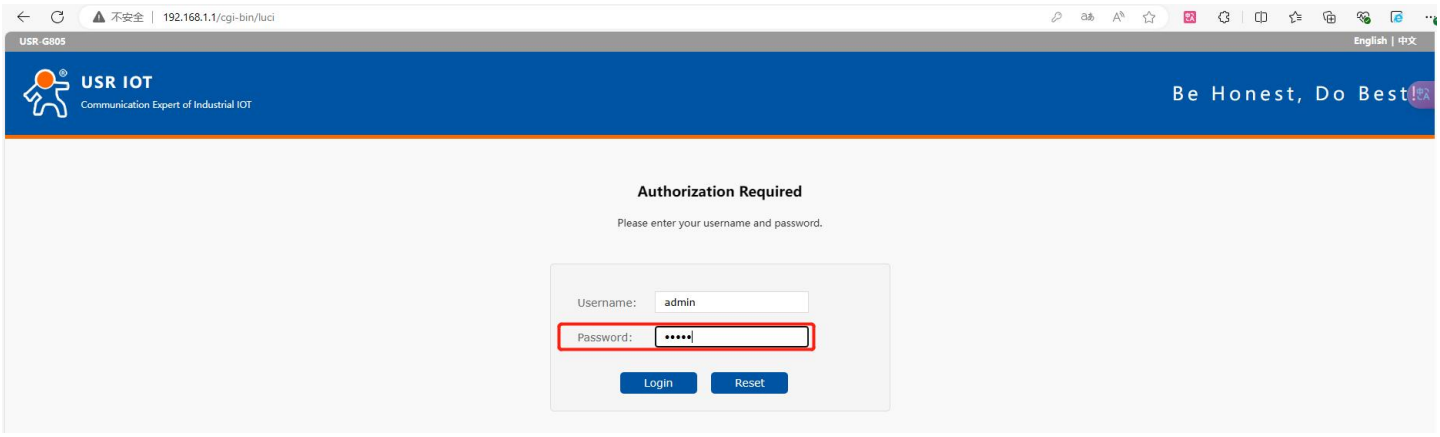


Figure 2. Login webpage

2.2. Brief introduction of the webpage

There are several tabs on the left side of the webpage, users can set parameters of USR-G805s on the tab pages.

- Status: Mainly display device name, firmware version, running status, and routes etc.
- Service: Mainly some additional functions, including dynamic DNS, GPS (GPS version), PUSR cloud.
- VPN: Configuration of VPN, such as PPTP, L2TP and OpenVPN.
- Network: In this interface, there are many categories related to network connection. Users can set parameters such as WAN port, LAN port and cellular network.
- Firewall: User can set firewall rule on this page such as inbound and outbound rules, port forwarding, blacklist, whitelist, and other information.
- DTU: Configure parameters related to DTU such as serial port and SOCKET.
- System: Mainly some basic functions, including restart, restore factory settings, firmware upgrade, log checking, etc.

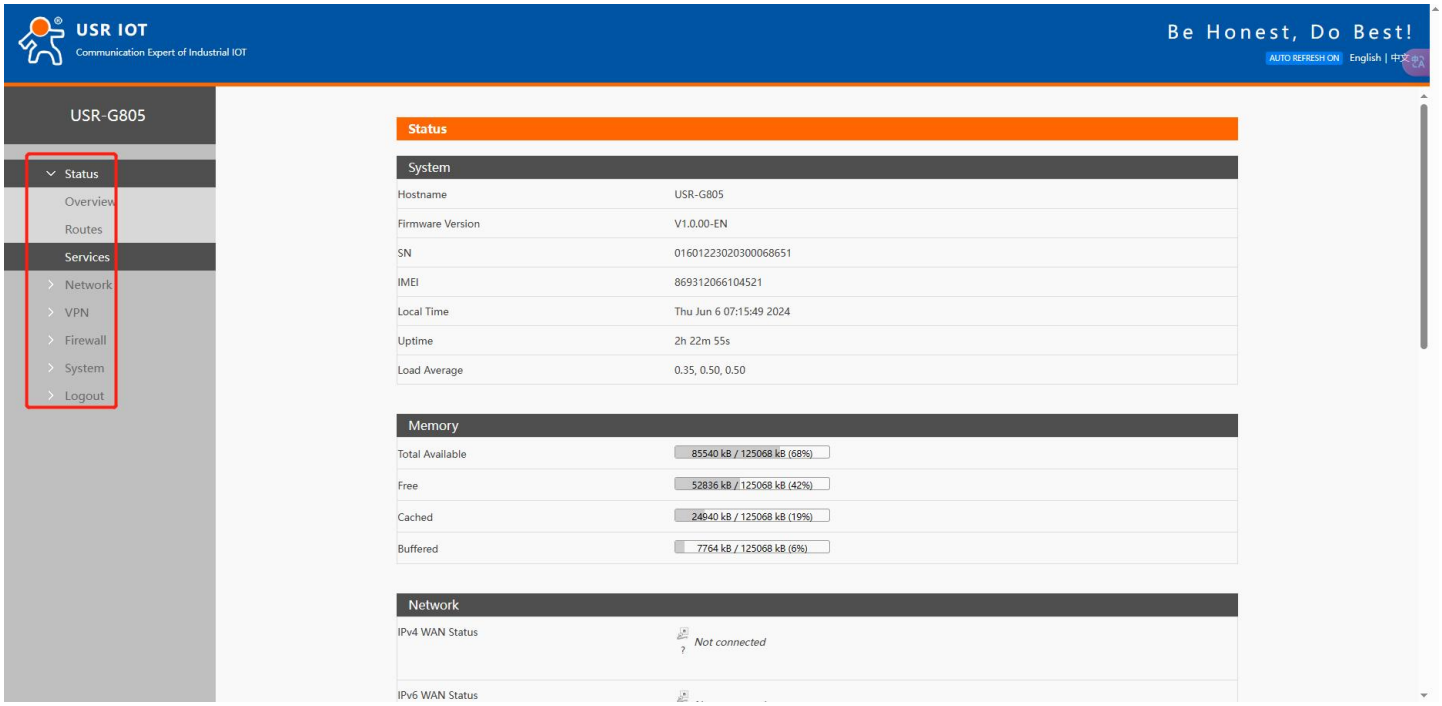


Figure 3. Status webpage

3. Status & System

3.1. Status

Users can get the basic information of USR-G805s, such as firmware version, running time, IPv4 WAN status, routes list, and information about DHCP client.

3.2. System (Hostname)

In this page, users can modify the hostname, the default is USR-G805s. After changing, click “Apply”, the changed value will take effect.

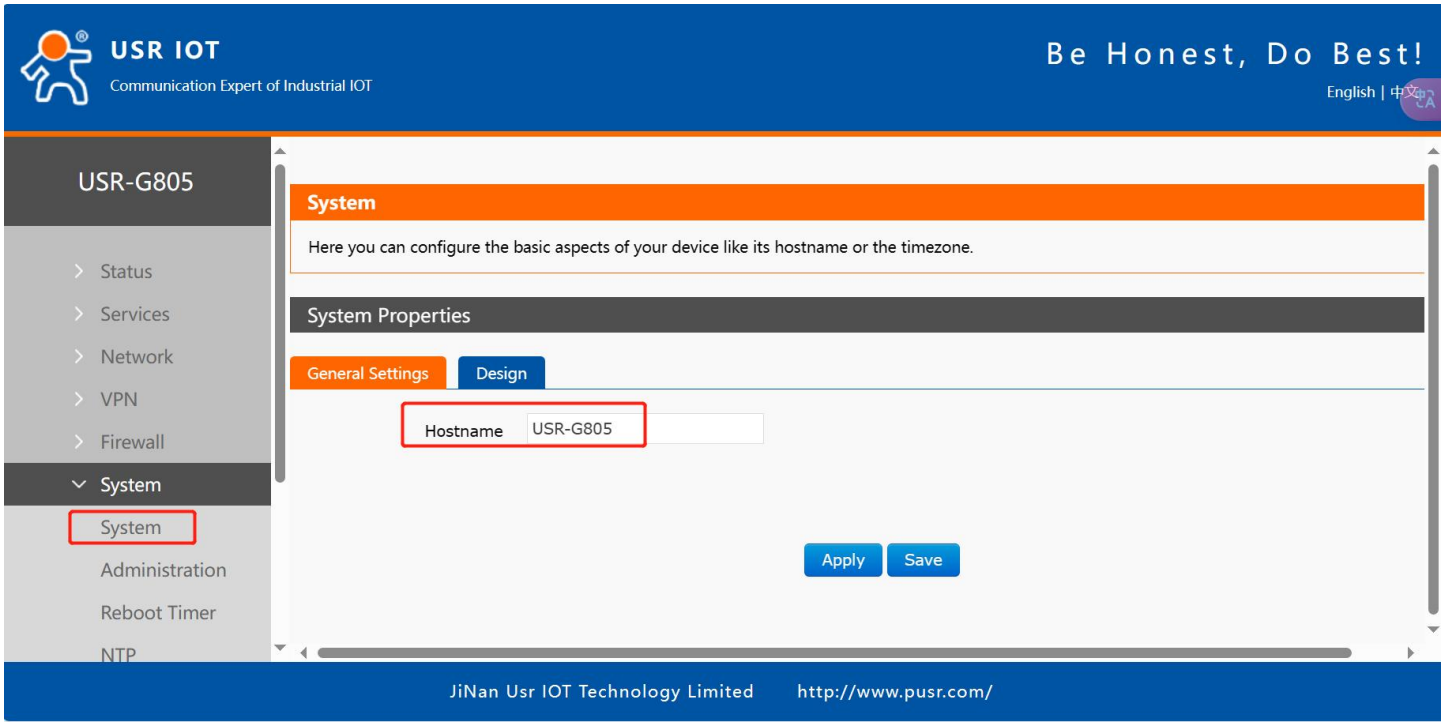


Figure 4. Hostname page

3.3. Administration password

This password is used when users login the built-in webpage.

The default login password is root. Users can modify it in this page for secure login.

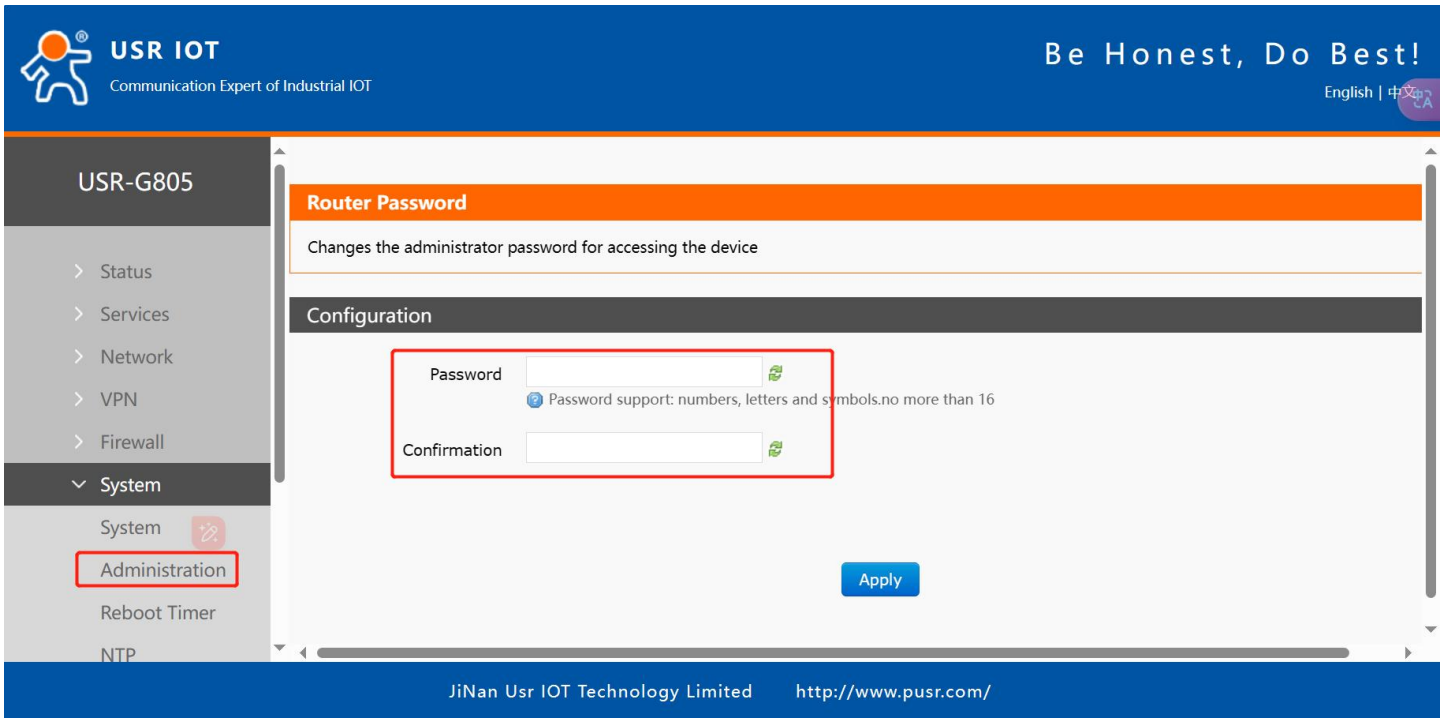


Figure 5. Administration password

3.4. Reboot timer (Timed restart function)

Users can realize the periodic restart of the router through parameter setting. It can be restarted on a daily, weekly, or monthly basis. Timed restart can regularly clear the operation cache to improve the stability of the router operation.

By default, this function is enabled and the router restarts every Sunday between 4 and 5 AM.

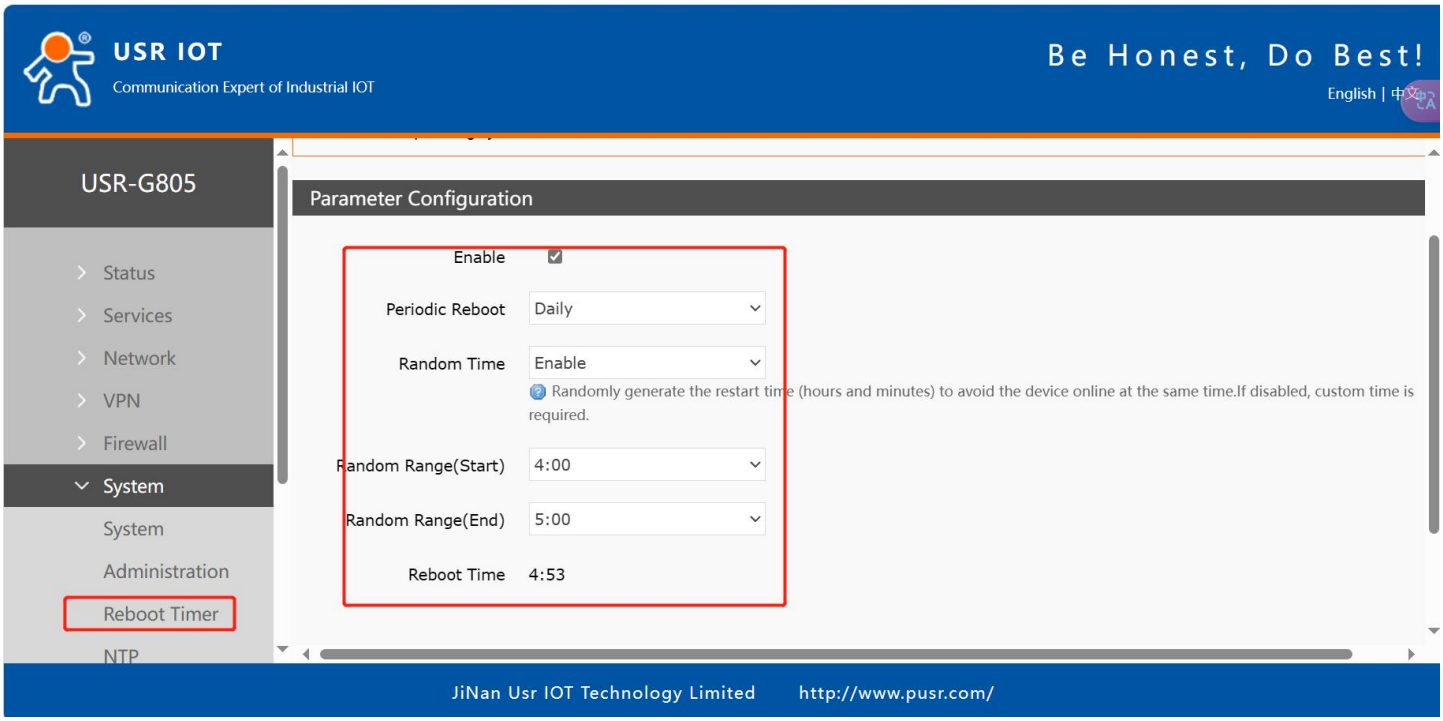


Figure 6. Timed restart function

3.5. NTP service

In the time parameter item, it can achieve the function of synchronizing the browser time and the time zone can be set as needed.

In Time Synchronization item, the router can be set to work at NTP client or NTP server. USR-G805s provides 4 configurable NTP server options on webpage.

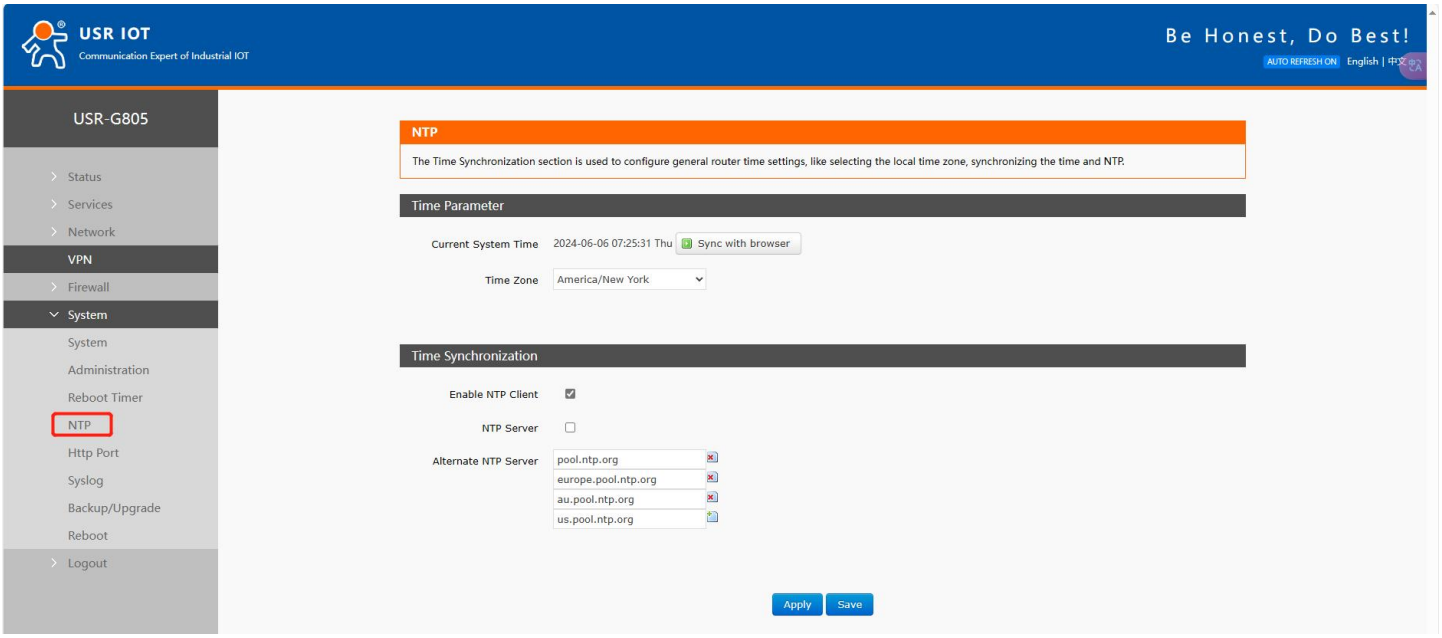


Figure 7. NTP Settings

3.6. HTTP port

The port of logging in the webpage, default is 80, users can modify it in this page.

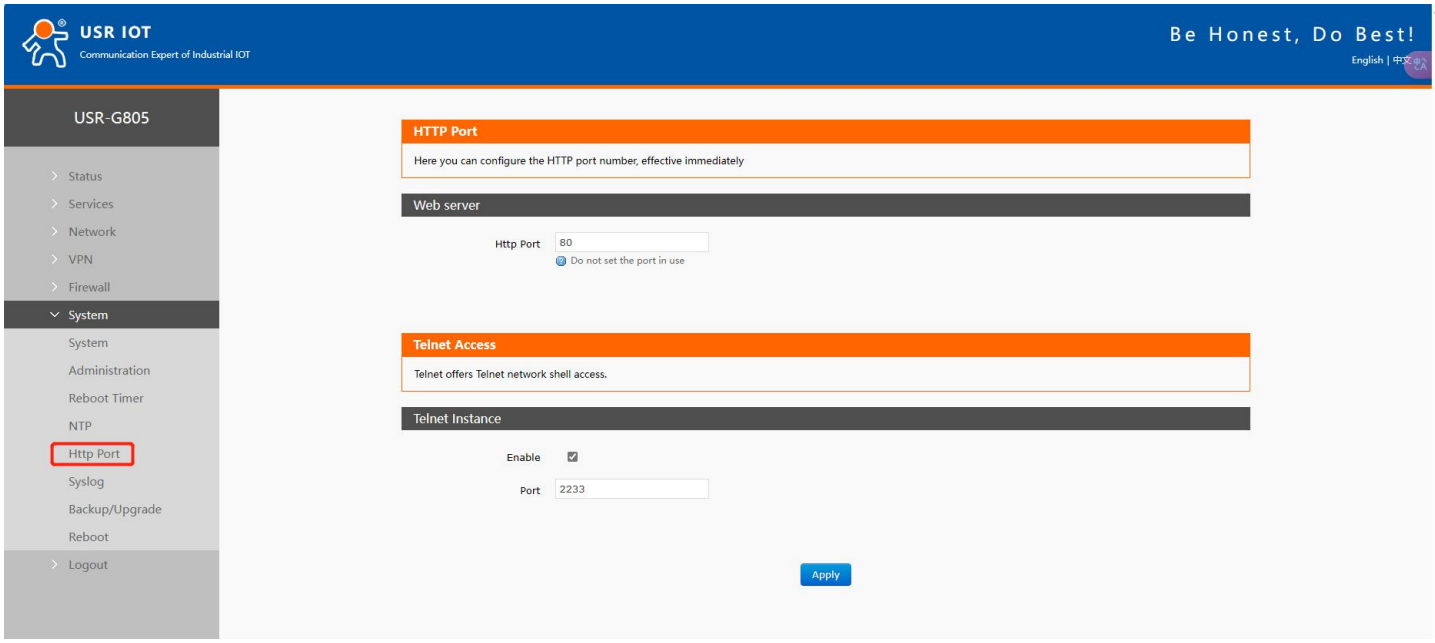


Figure 8. HTTP port

3.7. System log

➢Local log

Users can view the log information and download the log information in this page.

Kernel log level: Debug, Info, Notice, Warning, Error, Critical, Alert and Emergency.

Application log level: Debug, Info, Notice, Warning, Error, Critical, Alert and Emergency.

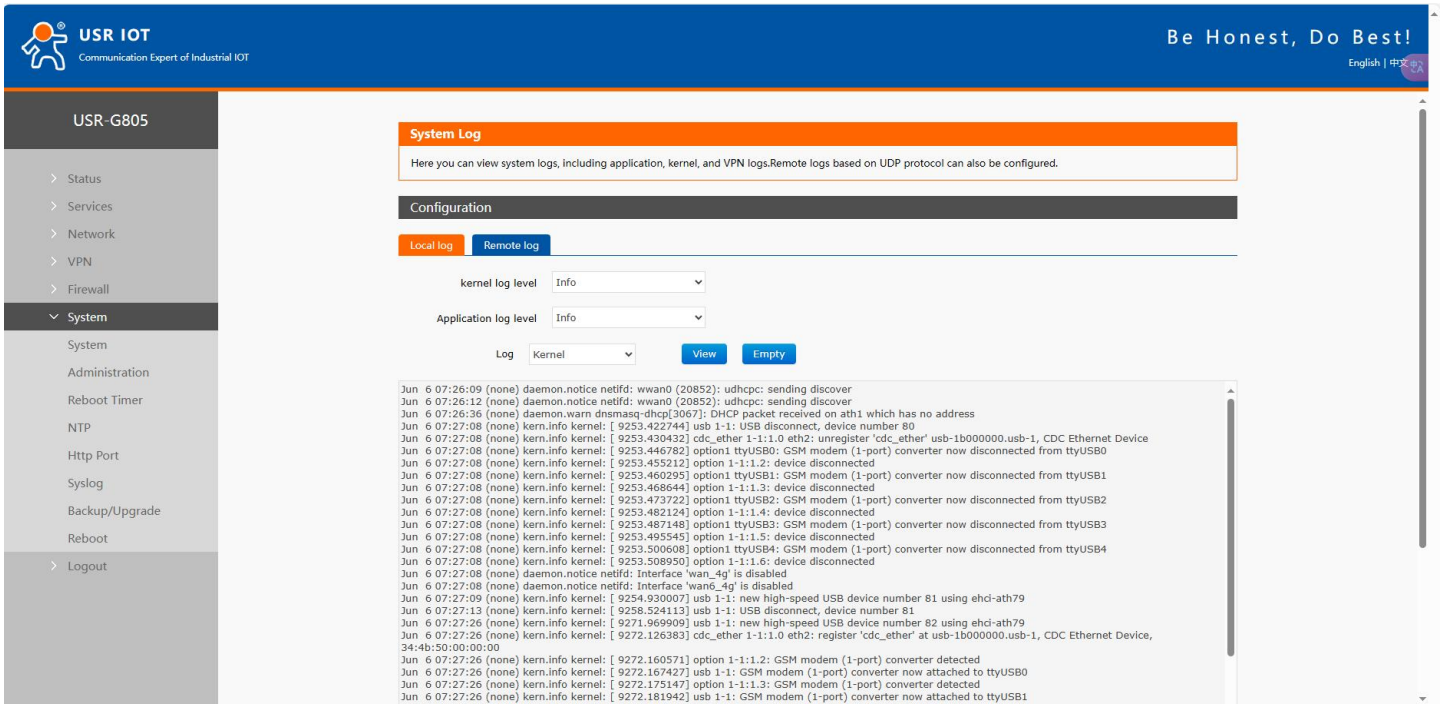


Figure 9. Local system log

➢Remote log

The remote service IP is 0.0.0.0, it means the remote log function is disabled. Users can change the remote service IP and port.

Remote log is based on UDP protocol. The following picture shows how to receive the remote log.

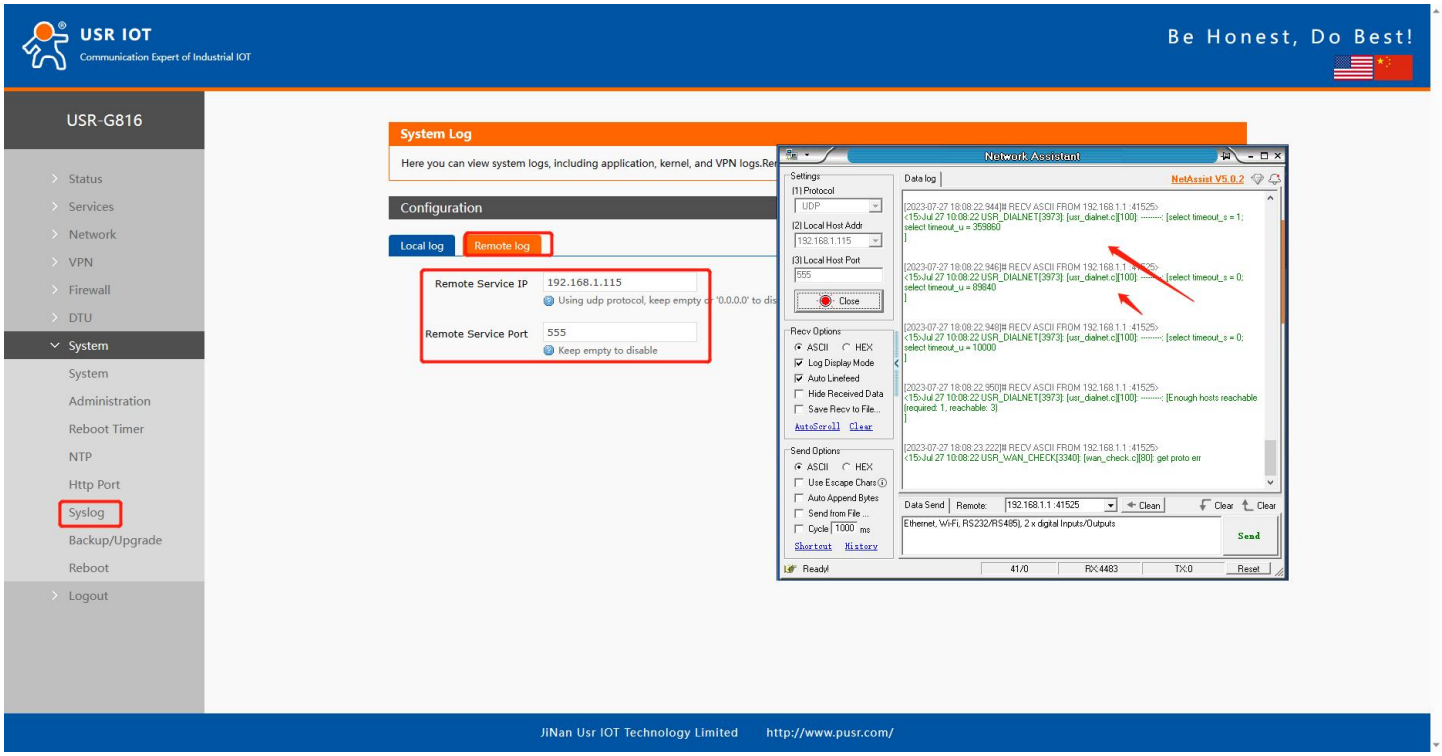


Figure 10. Remote system log

3.8. Backup/Upgrade

Download backup: Click "Generate archive" to download a tar archive of the current configuration files.

Restore backup: Click “Browse” to select the backup archive file (Downloaded backup file), and then upload the backup file.

Reset to defaults: Click this button, the USR-G805s will restore to factory default settings.

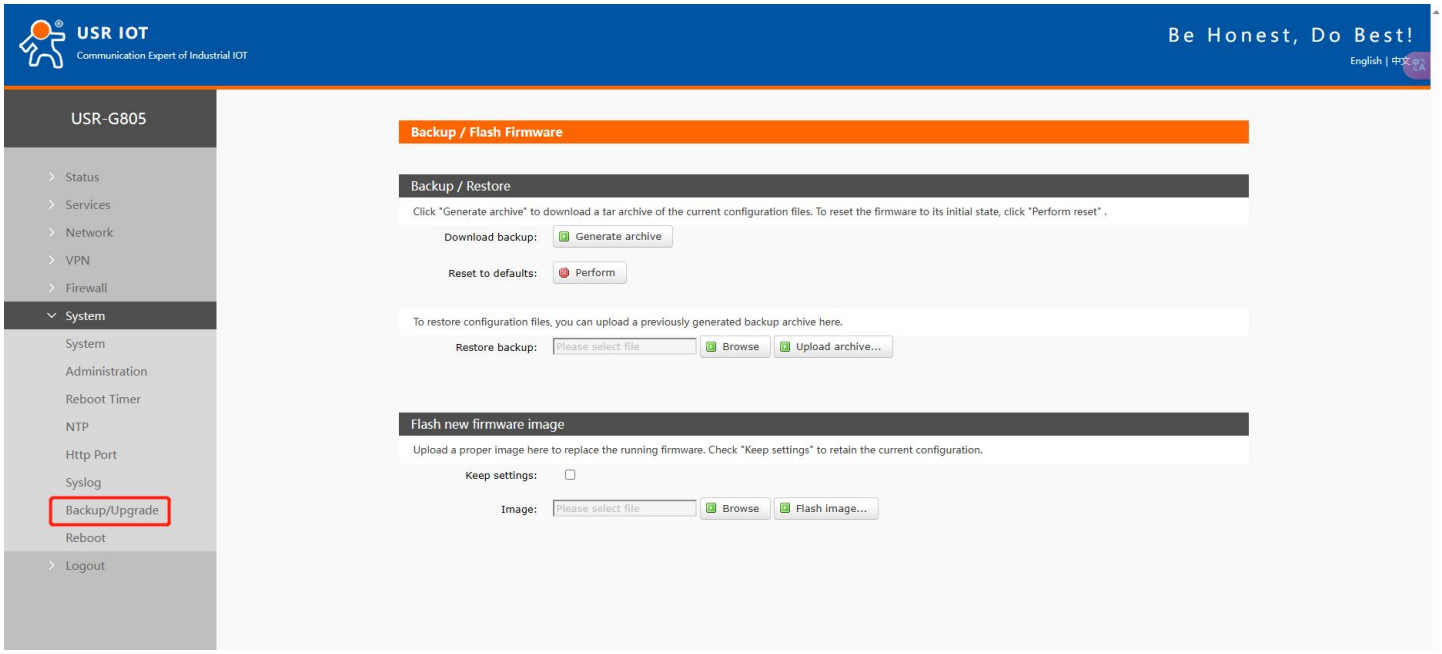


Figure 11. Backup and firmware upgrade

3.9. Reboot

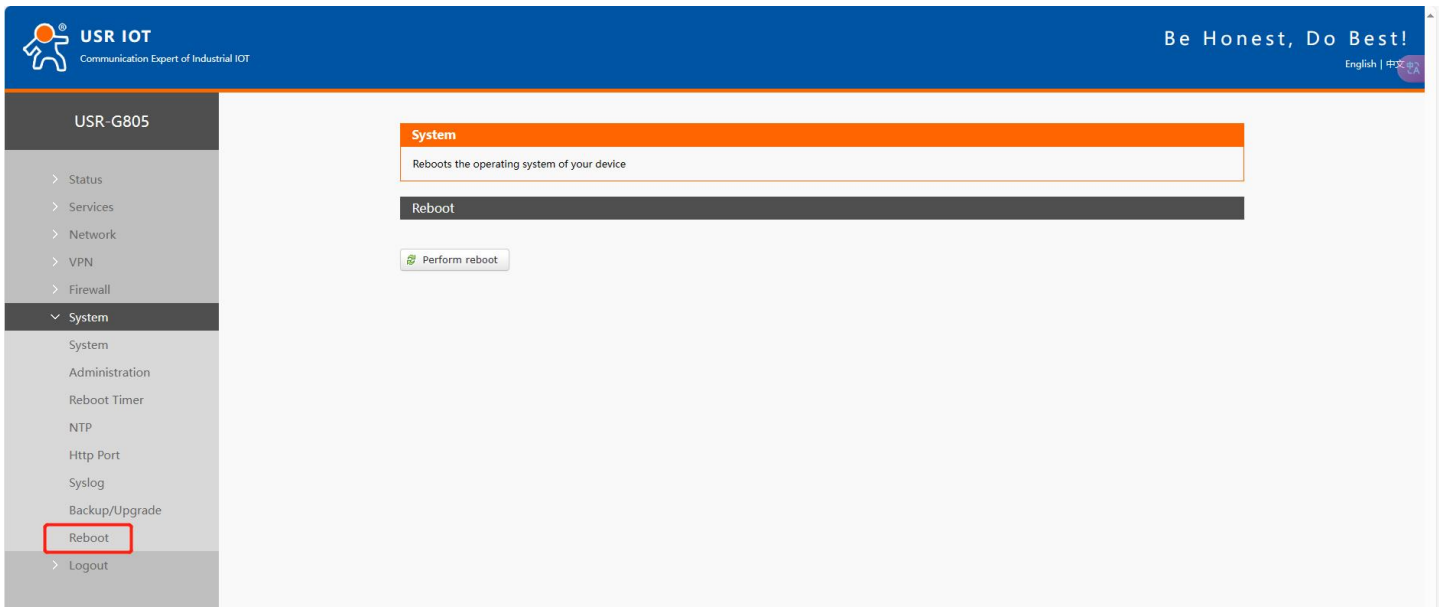


Figure 12. Reboot Function

4. Network introduction

4.1. WAN interface

For USR-G805s device, it supports multiple WAN interface: 4G connectivity, STA connectivity and wired WAN connectivity.

4G connectivity: this router support connect to base station both in IPv6 and IPv4, in the following picture, it's WAN6_4G(IPv6) and WAN_4G(IPv4).

Wired WAN connectivity: USR-G805s comes with two WAN ports, of which WAN2 is configurable, the factory default is LAN4, and can be configured as WAN2. WAN_WIRED is for WAN1 port, and WAN2_WIR is for WAN2 port.

STA connectivity: This router connects to the upper router to get network connectivity, it's WWAN0 interface.

In factory default, USR-G805s enables 3 WAN interface: WAN_WIRED, WAN_4G, WAN6_4G.

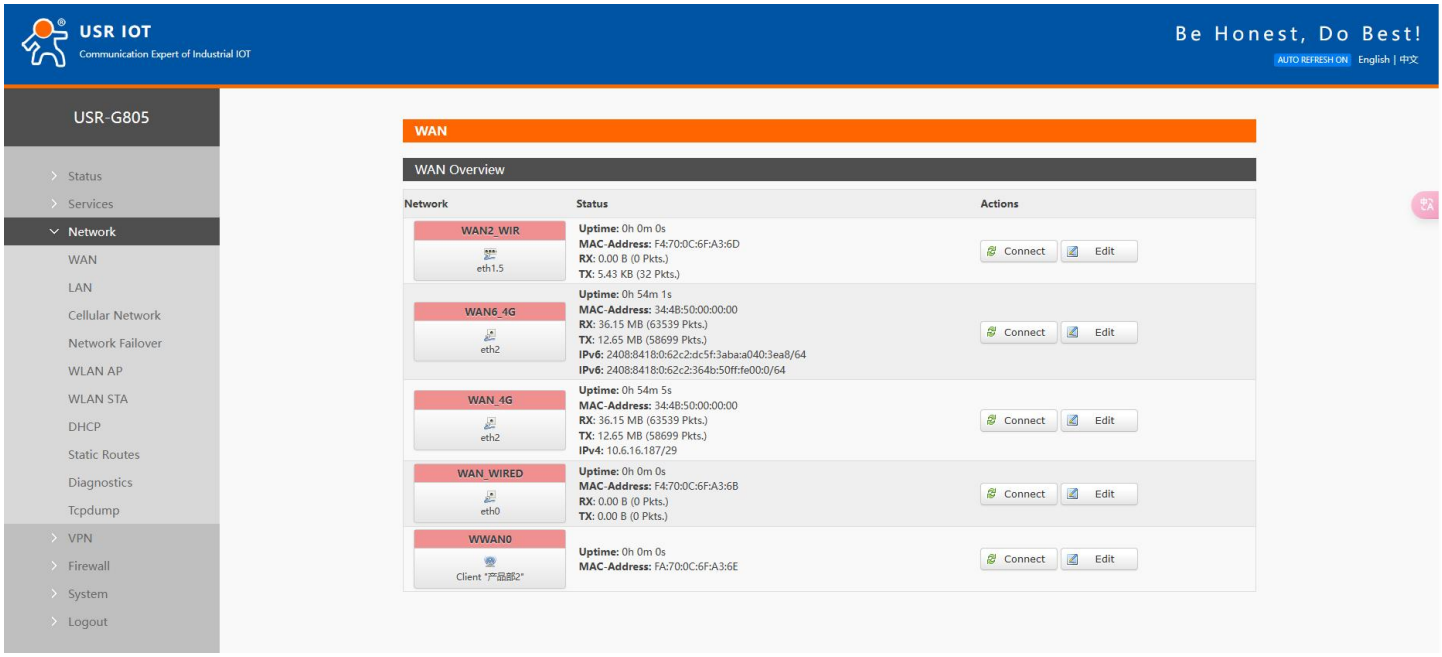


Figure 13. WAN interface

4.1.1. WAN_4G interface

This is the same with cellular network. Please check chapter 4.3.

4.1.2. WAN_WIRED interface

➢DHCP Client Mode (Default)

The IP address of USR-G805s is assigned by the upper-level router, and the upper-level router must enable the DHCP service. G805s is connected to the WAN port of the upper-level router through the LAN port.

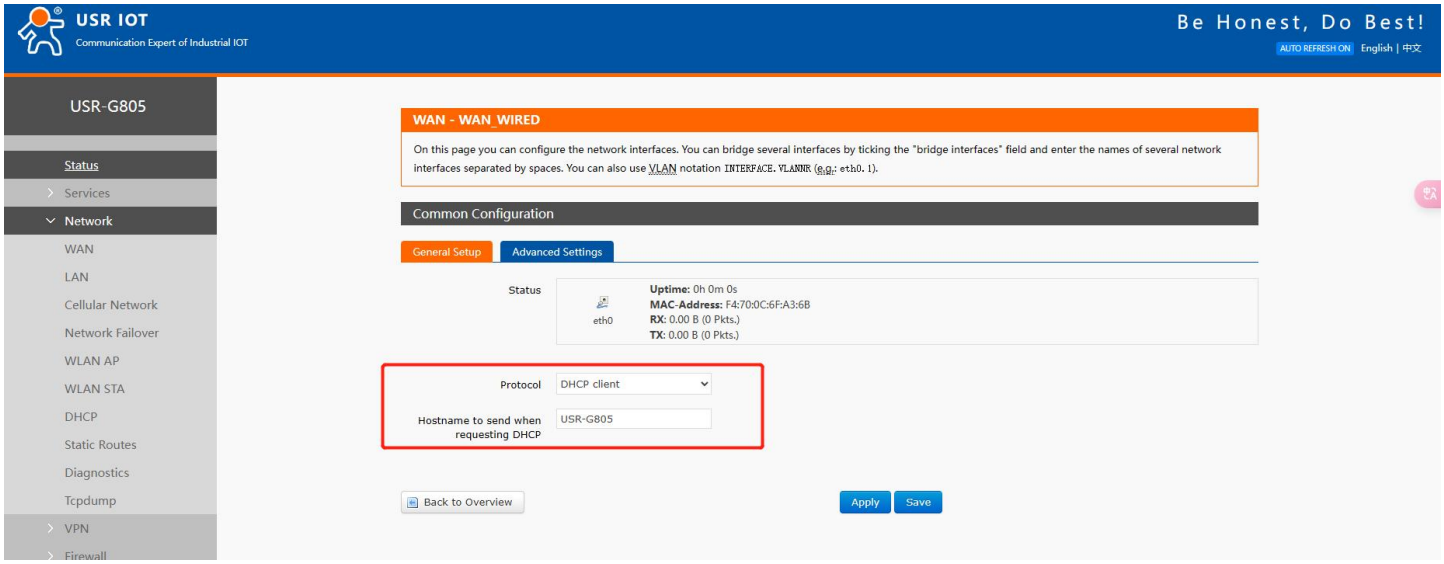


Figure 14. DHCP Client of WAN interface

➢Static address Mode

In this mode, uses can set the IP address of USR-G805s.

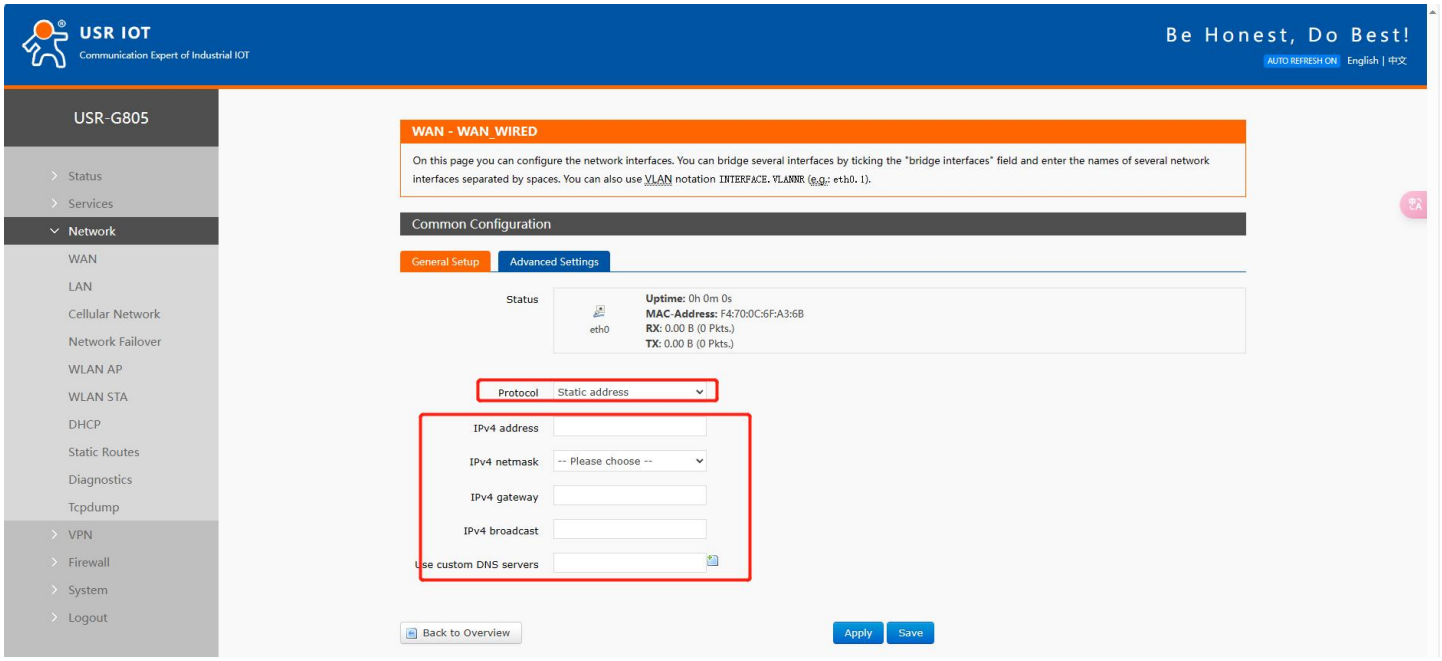


Figure 15. Static IP of WAN interface

Table 4. Detail parameters of WAN interface

Items	Description
IPv4 address	Should be on the same network segment as the LAN IP of the upper-level router.
IPv4 netmask	Users can choose the options provided by the web page or manually enter the subnet mask by themselves.
IPv4 gateway	Fill in the gateway address according to the actual network situation.

IPv4 broadcast	The broadcast address is calculated from the IP address and subnet mask.
Use custom DNS servers	User-defined.

➢PPPoE Mode

Fill in the correct username and password given by the operator.

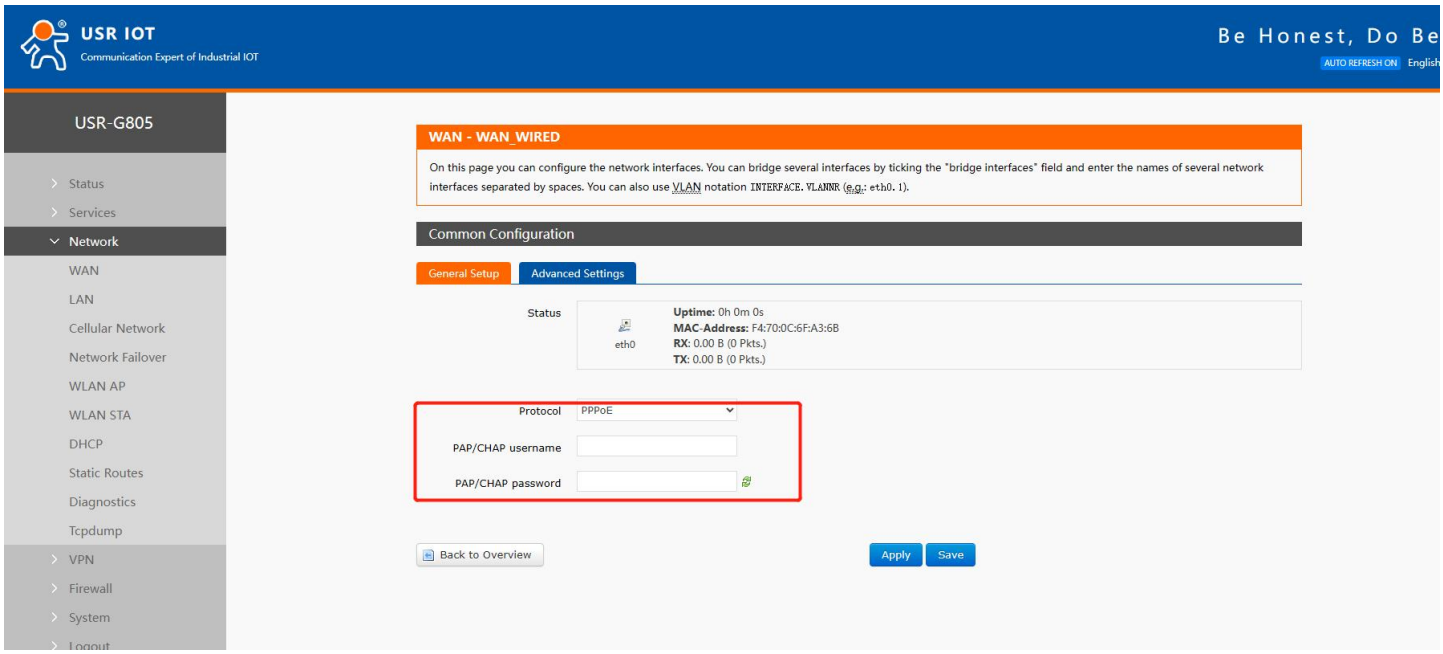


Figure 16. PPPoE Mode

4.2. LAN interface

4.2.1. Basic configuration

Click the “Edit” button, the settings of the LAN port will be displayed. Users can set general settings like the IP address, gateway etc. The DHCP service of the LAN port is enabled by default, and USR-G805s will automatically assign an IP address to the device connected to the LAN port.

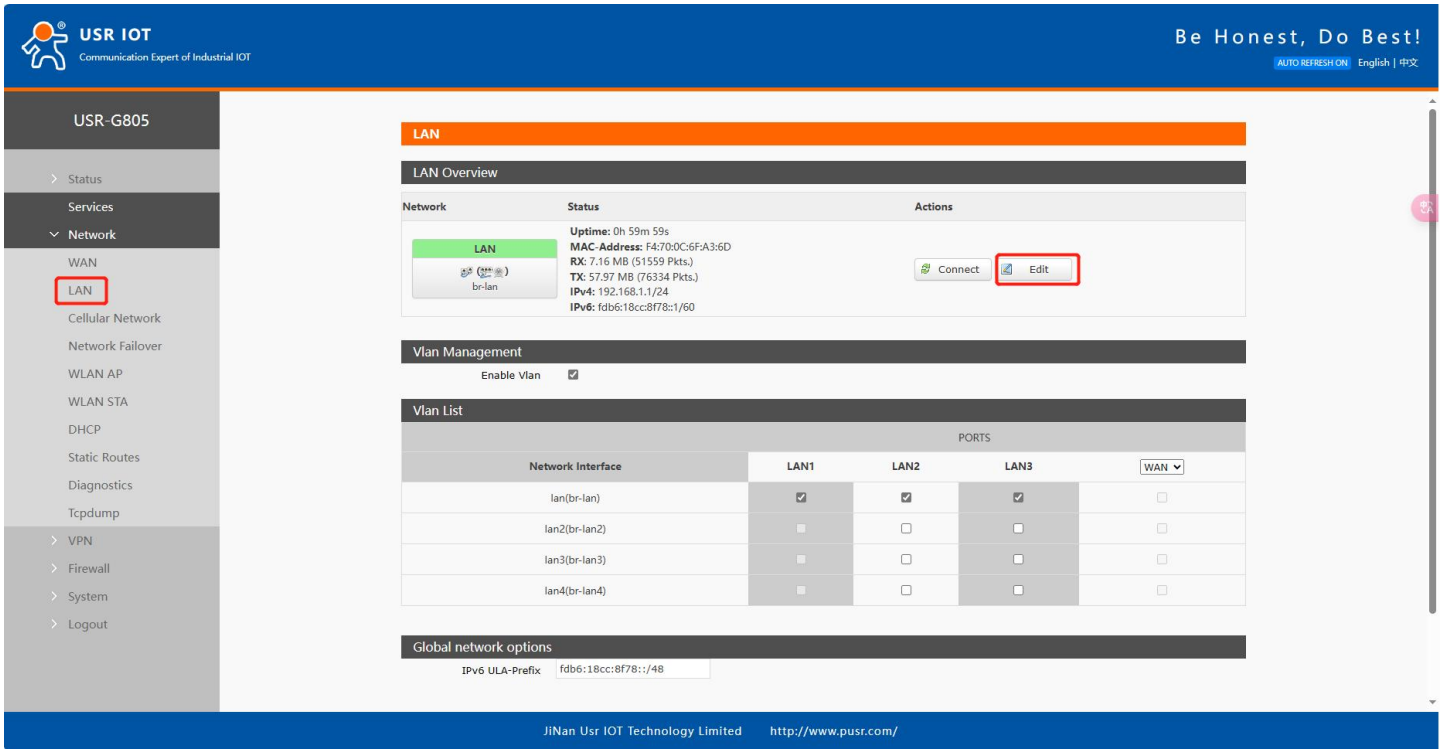


Figure 17. LAN interface

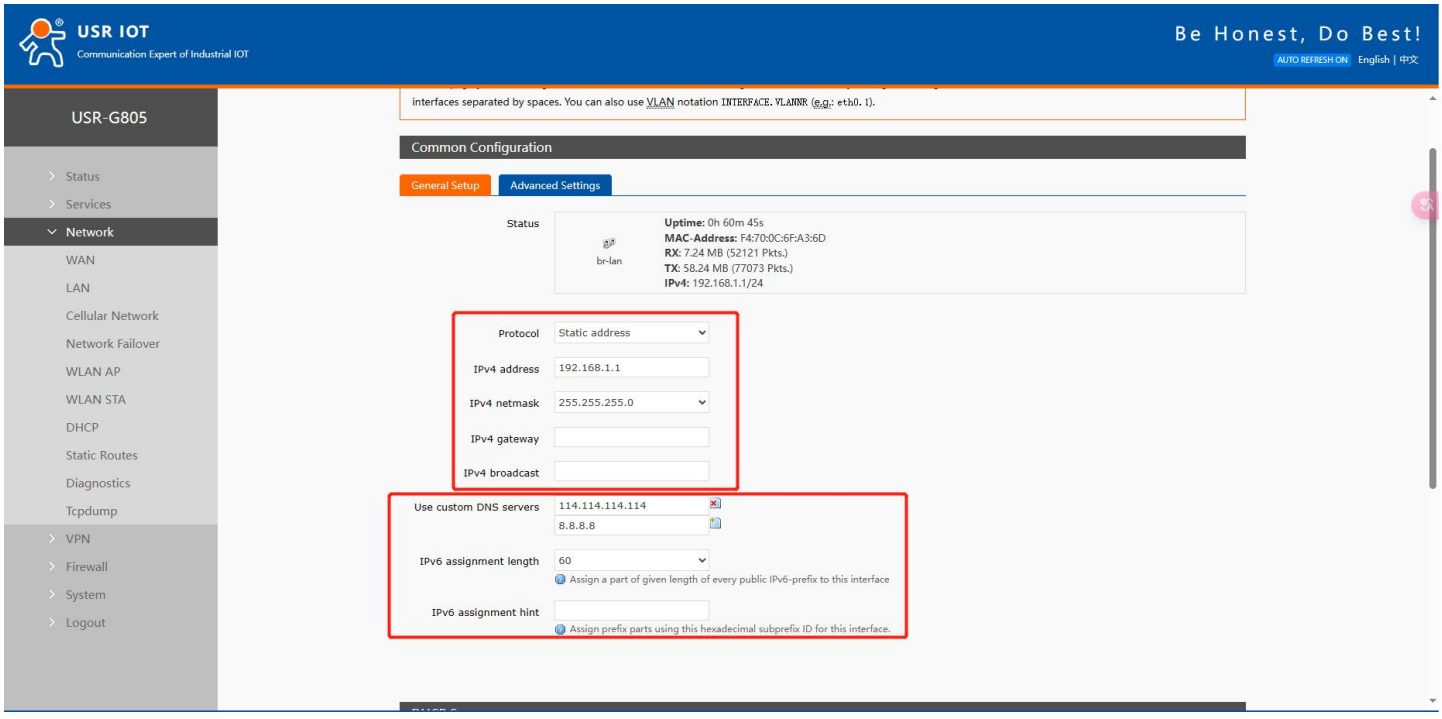
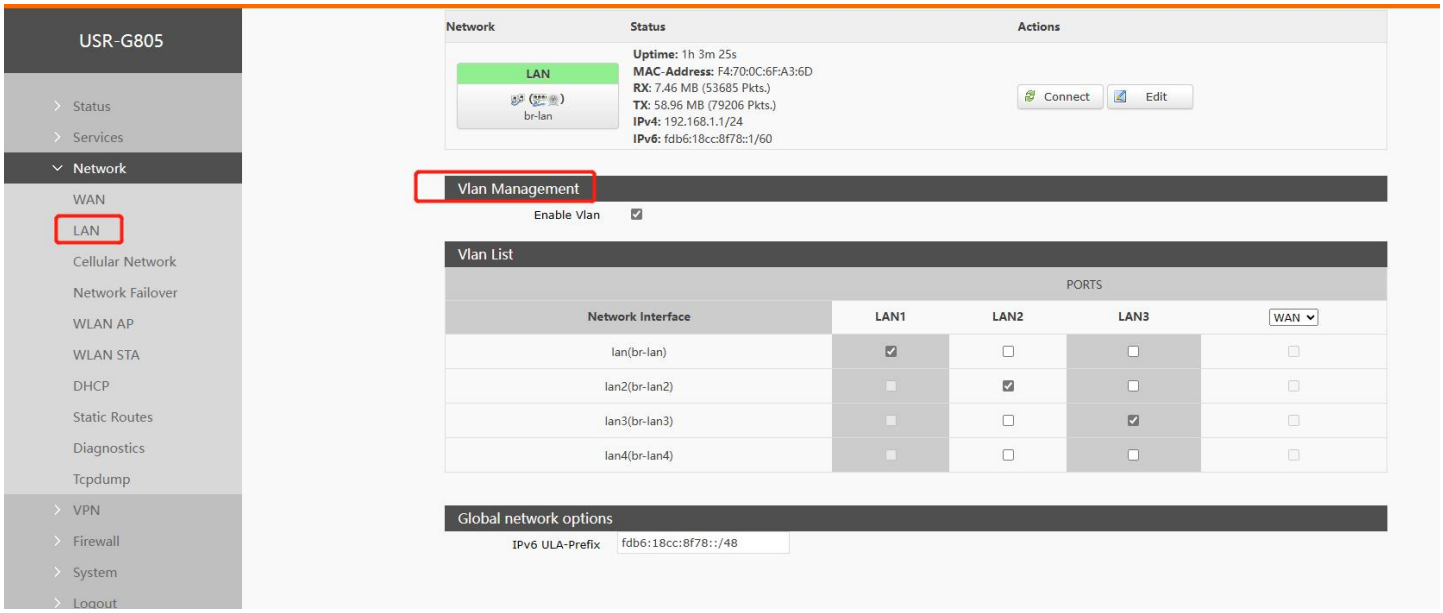


Figure 18. Settings of LAN interface

4.2.2. VLAN enable

USR-G805s supports VLAN function, multiple network ports can be divided into different network segments. If needed, users can enable it manually.

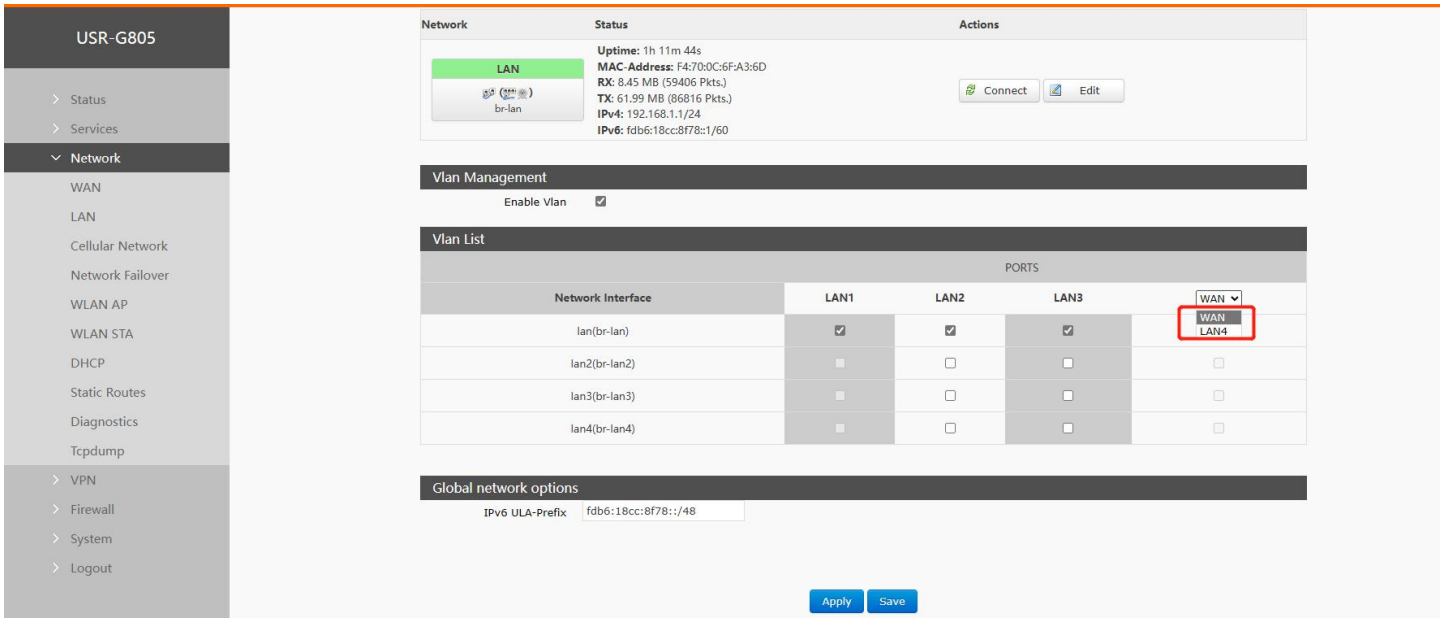


Note:

- VLAN division is disabled by default. If this function is enabled, the IP address of the LAN1 port is automatically changed to 192.168.1.1, the IP address of LAN2 is changed to 192.168.2.1, and so on.
- WIFI bridges to the LAN1. When a device connects to the wifi of 805s, the device obtains the same IP network segment as the LAN1 network interface.
- LAN2 and lan3 can be arbitrarily bridged to LAN1-LAN3 networks.

4.2.3. WAN/LAN switching

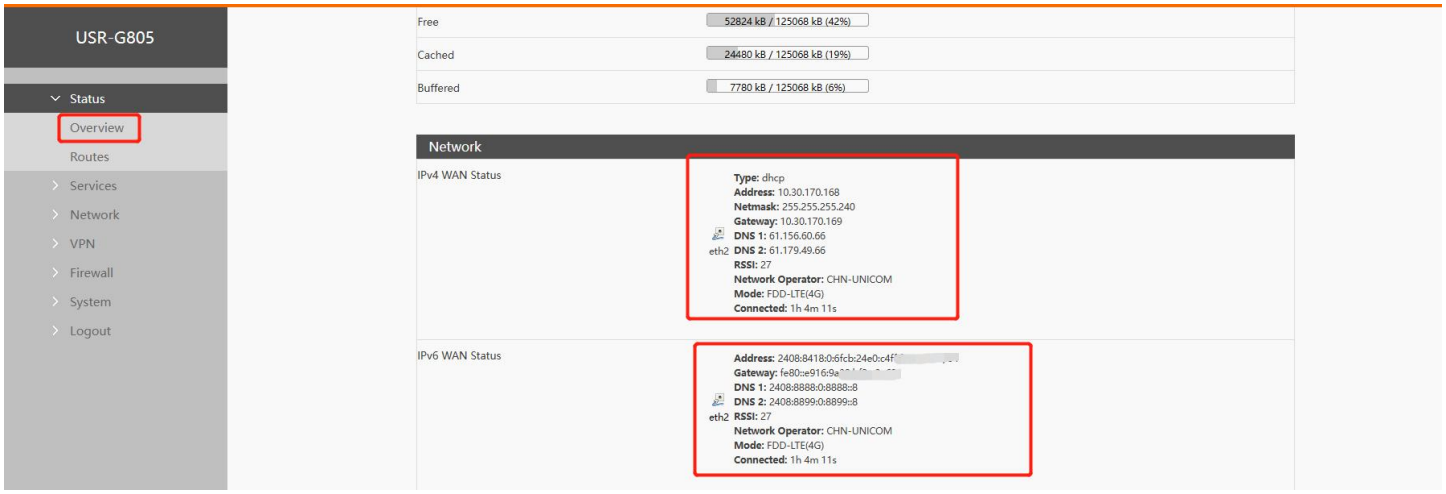
After enabling the VLAN function, WAN port can be configured as LAN4 port. If you need three LAN ports without VLAN division, you can select the LAN2 and LAN3 network ports at the same time.



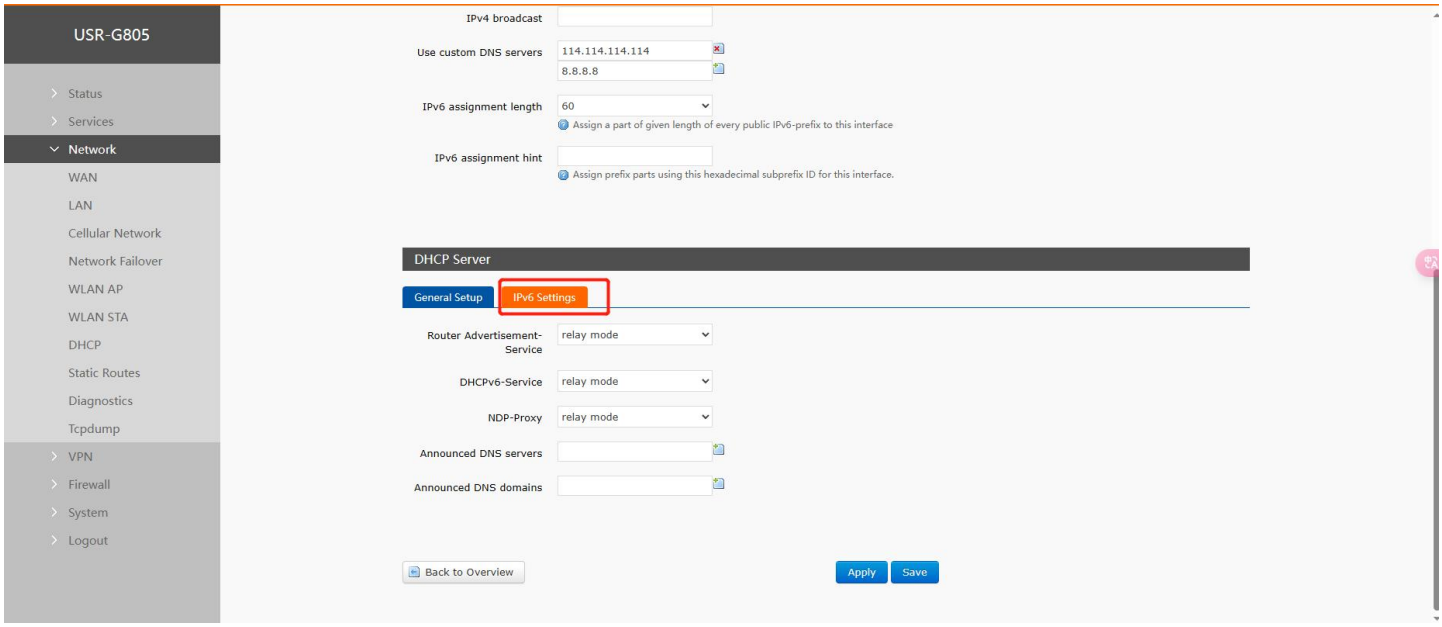
4.2.4. IPv6 configuration

For LAN ports and cellular networks, the USR-G805s supports IPv6.

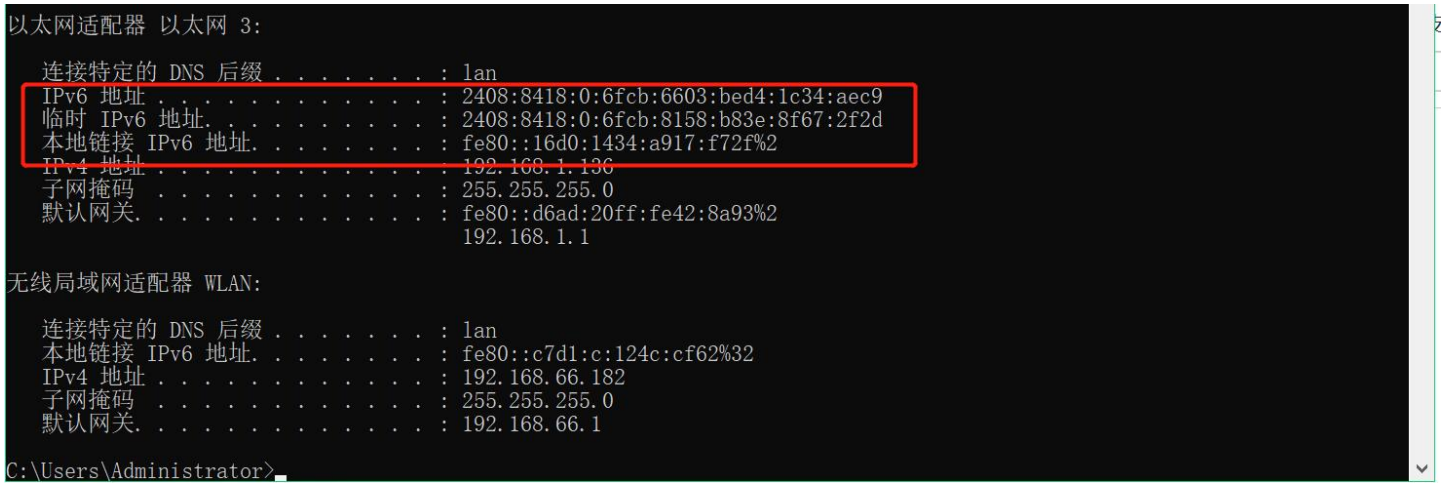
If the using SIM card support IPv4 and IPv6, then it can get both IPv4 IP and IPv6 IP like the following figure.



For LAN port, the router can assign IPv6 IP to the LAN device, it also need the LAN device support IPv6 protocol.



The PC connect to LAN port of USR-G805s, and it can get IPv6 IP.



4.3. Cellular network

4.3.1. Configuration

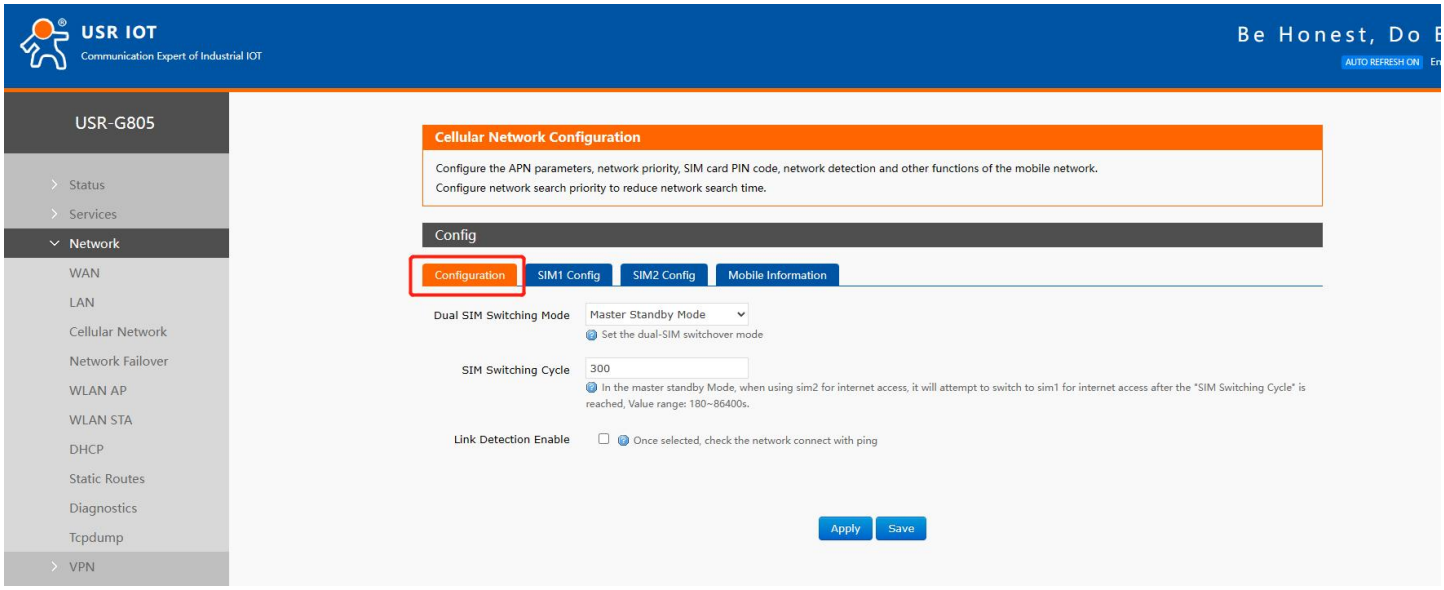
4.3.1.1. SIM switching

For USR-G805s, it supports dual sim single standby mode, and can get 4G connectivity according to user's settings. There are 3 mode for user to choose: master standby mode, mutual standby mode and manual mode.

Master standby mode: In this mode, SIM1 card is used for networking. If SIM1 fails to connect to the network, it will automatically switch to SIM2 to try to connect to the network. After SIM2 successfully connect to the network, SIM2 will be used for networking. When SIM1 is installed, it will switch back to SIM1 to try to connect to the network every set time(SIM Switching Cycle).

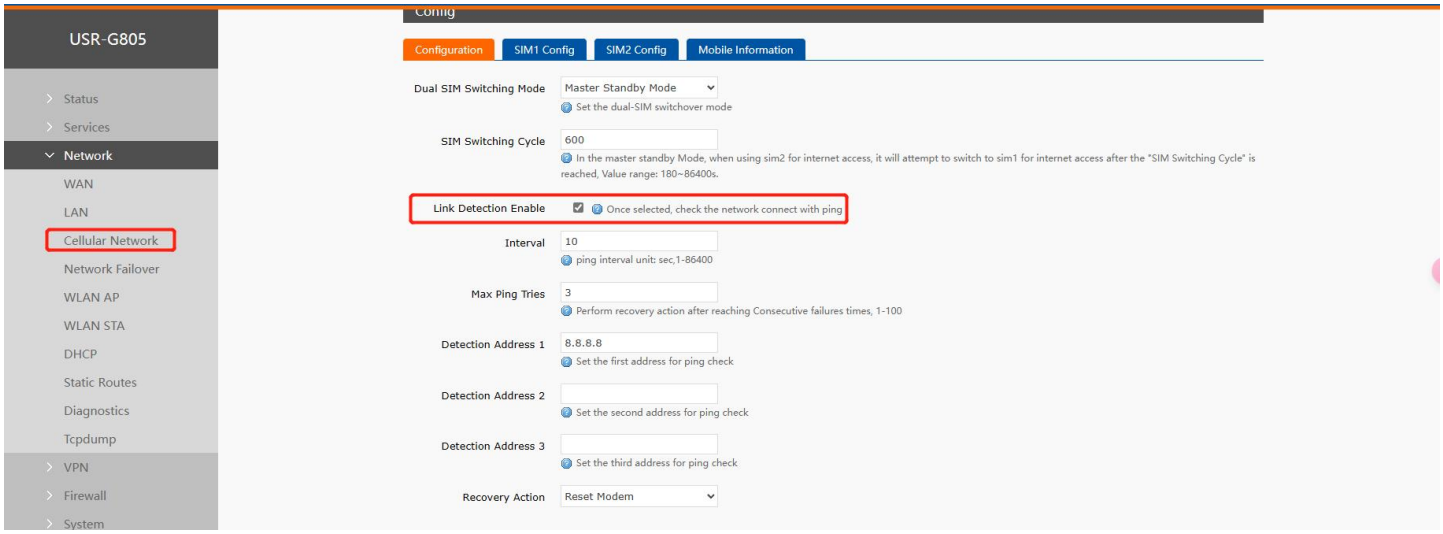
Mutual standby mode: in this mode, the router will give priority to the SIM card that can connect to the network normally, and the router will keep using this card to connect to the network, unless the SIM card can not connect to the network normally.

Manual mode: in this mode, the router will select the SIM card for networking according to the user's settings. Even if this SIM card can not connect to the Internet, it will not automatically switch to other SIM cards for networking. In this mode, users can remotely switch cards manually by SMS commands.



4.3.1.2. Link detection

After enabling the link detection function, users can set the ping interval and tries, if the success rate of ping is lower than the set value, the router will choose to restart the module or the router according to the parameter settings.



Items	Description
Link Detection Enable	Whether to enable the link detection function. By default, it's not enabled.
Interval	The time interval between two consecutive pings. Range: 1-86400 s, It's 10 seconds by default.
Max Ping Tries	The maximum number of attempts to ping. Range: 1-100, it's 3 attempts by default.
Detection Address 1	The first destination IP address of ping command
Detection Address 2	The second destination IP address of ping command
Detection Address 3	The third destination IP address of ping command
Recovery Action	None: No action is performed Redial: Execute the redial procedure Reset modem: Restart 4G modem Reboot device: Restart the router

4.3.2. SIM1 configuration

For USR-G805s, it supports dual sim single standby mode,

Figure 19. Basic configuration of cellular network

Table 5. Detail parameters of cellular network

Items	Description	Default
SIM Card Priority	None: Prioritize the use of the sim card used for the last dial-up.	None

	SIM1: Prioritize using SIM1 to dial up and connect to the Internet. SIM2: Prioritize using SIM2 to dial up and connect to the Internet.	
Sim Card Switch	Enable: Enable automatic SIM switching. Disable: Disable automatic SIM switching.	Enable
Trigger Signal Threshold	If the signal value of the currently used SIM card is lower than the set value, G805s will automatically switch to another SIM card.	-100dBm
Continue Dial Failures	When the number of dialing failures reaches this value, switch to another SIM card and dial again.	2
Link Detection Enable (Ping detection)	OFF: Disable the Ping detection. SIM1: When using SIM1, enable the PING detection. SIM2: When using SIM2, enable the PING detection. SIM1&SIM2: Enable the PING detection Whether using SIM1 or SIM2.	SIM1&SIM2
Detection Interval	Interval of PING detection. Unit: s	10
Detection Fail Number	If the number of PING attempts exceeds this value, it will redial.	4
Detection Address 1	The main destination host of PING detection.	8.8.8.8
Detection Address 2	The alternate destination host of PING detection.	8.26.56.26

4.3.3. SIM1/SIM2 configuration

The settings of SIM1 can be configured on this page. And the SIM2 configuration is the same with SIM1.

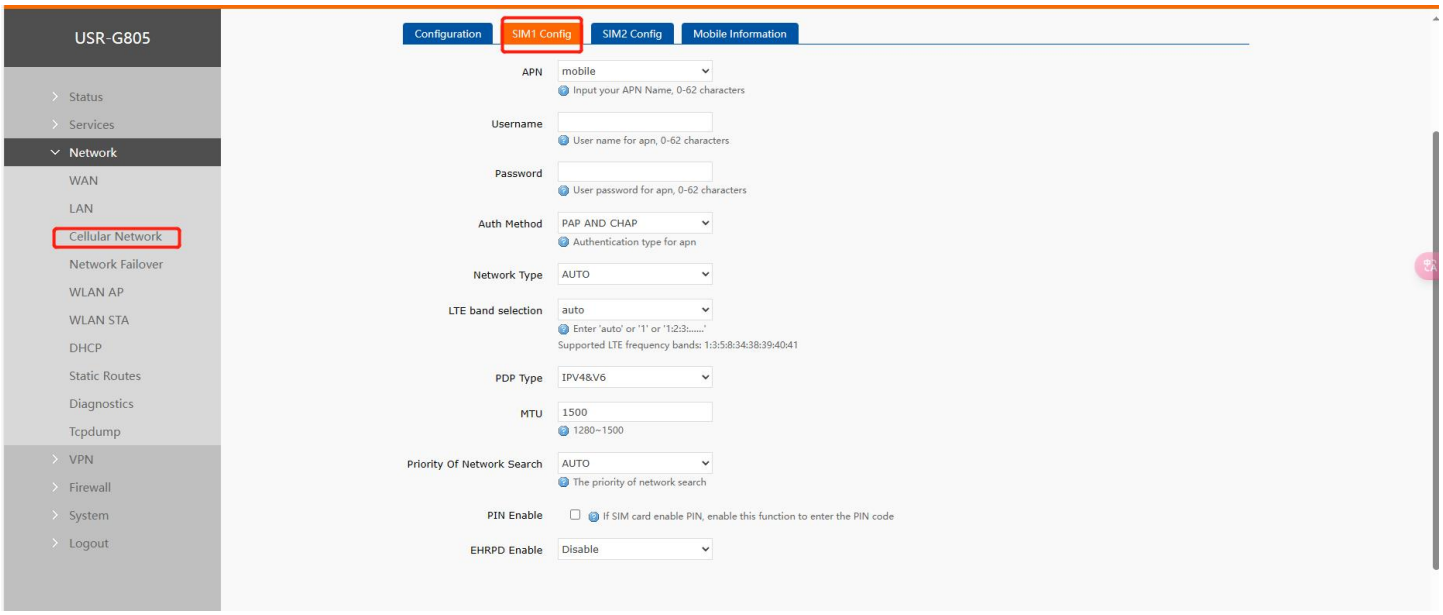


Figure 20. SIM card configuration

Table 6. Parameters description of SIM card

Items	Description	Default
APN Name	The SIM card operator provides this parameter.	Auto check
Username	The SIM card operator provides this parameter.	None
Password	The SIM card operator provides this parameter.	None
Auth Type	The SIM card operator provides this parameter.	PAP and CHAP
Network Type	AUTO: According to the on-site network environment, it can automatically select to stay on the network 4G/4G/3G. 2G: Lock the 2G network, if there is no 2G network on site, it can't connect to the network. 3G: Lock the 3G network, if there is no 3G network on site, it can't connect to the network. 4G: Lock the 4G network, if there is no 4G network on site, it can't connect to the network.	AUTO
LTE band selection	In custom mode, user can set specific band to connect to the network. And can select multiple bands, like 1:2:3	auto
PDP Type	PDP protocol context type.	IPv4&IPv6
Network Search Priority	Network priority selection.	auto
PIN Enable	If the SIM card has enabled the PIN function, the USR-G805s also needs to enable this function also.	None
EHRPD Enable	If 3.4G network is need, users can enable this function.	Disable

4.3.4. Mobile information

On this page, user can check some information about the SIM card, like the signal strength, the ICCID, network type etc. The detailed information is shown like the following picture.

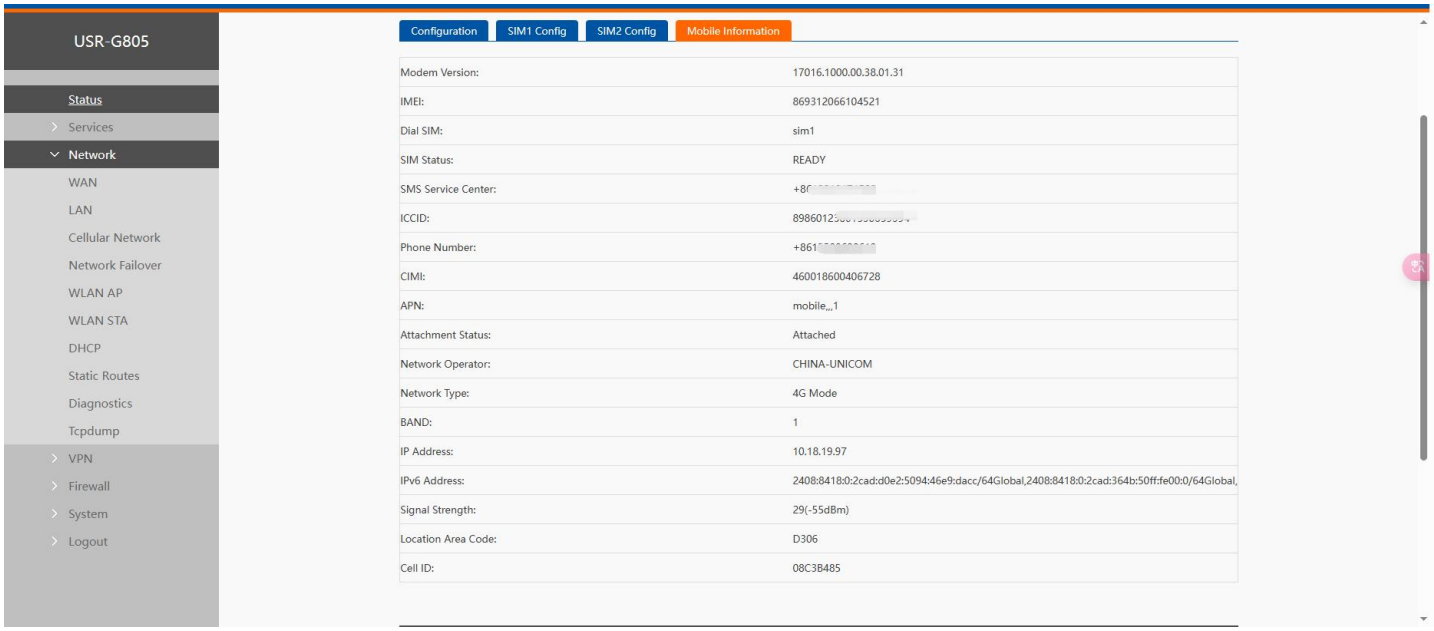
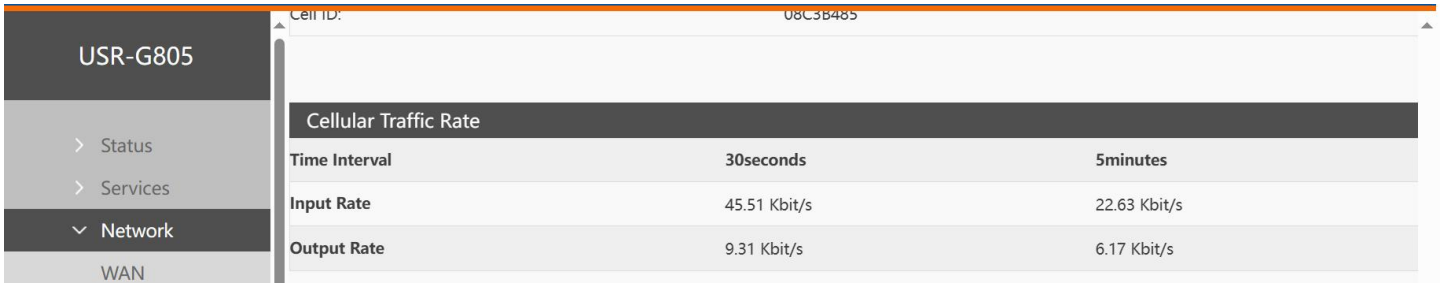


Figure 21. Information of cellular network

For USR-G805 device, it supports display the input/output rate of 30 seconds and 5 minutes.



4.4. Network failover

In this interface, users can choose network priority. The default is to use the WAN port network first.

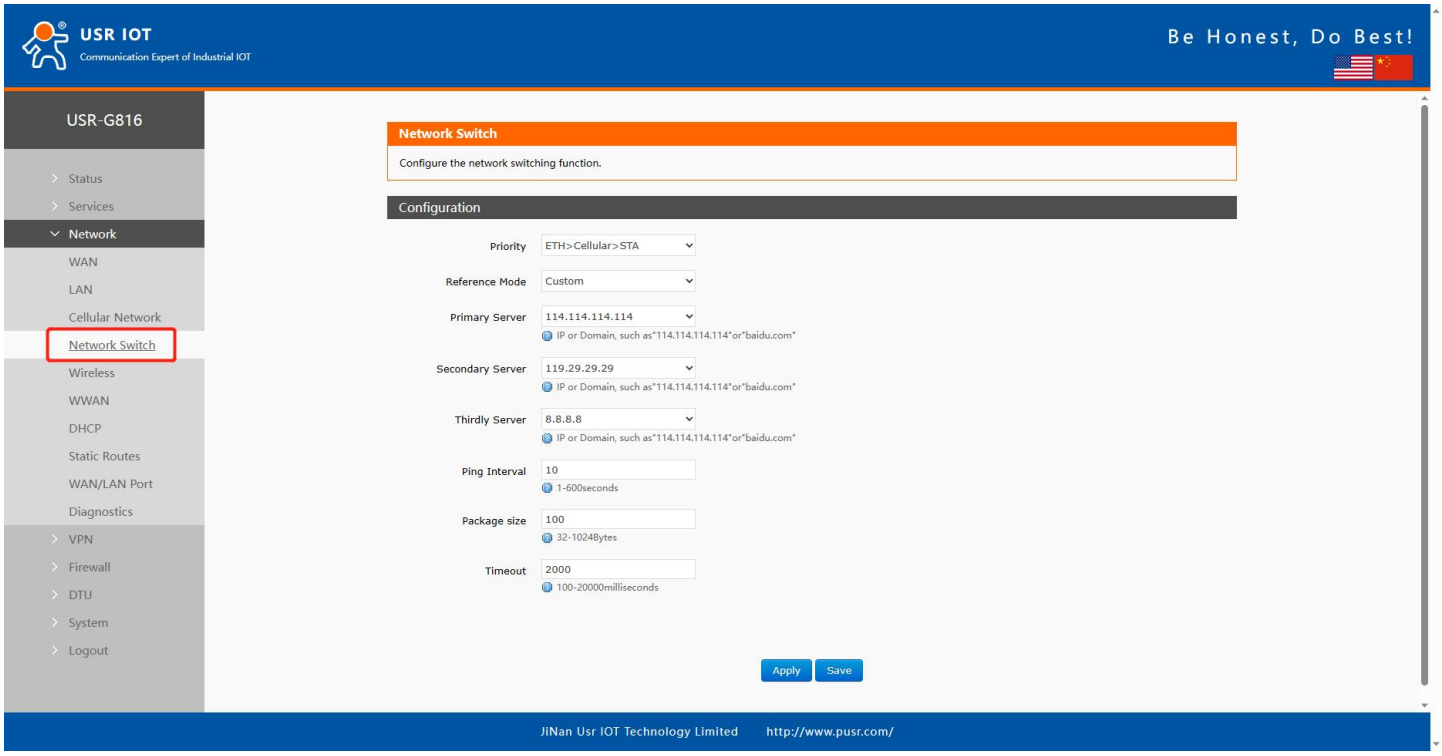


Figure 22. Network switch page

4.5. WLAN AP

4.5.1. Basic settings

Users can set Wi-Fi related information on this page.

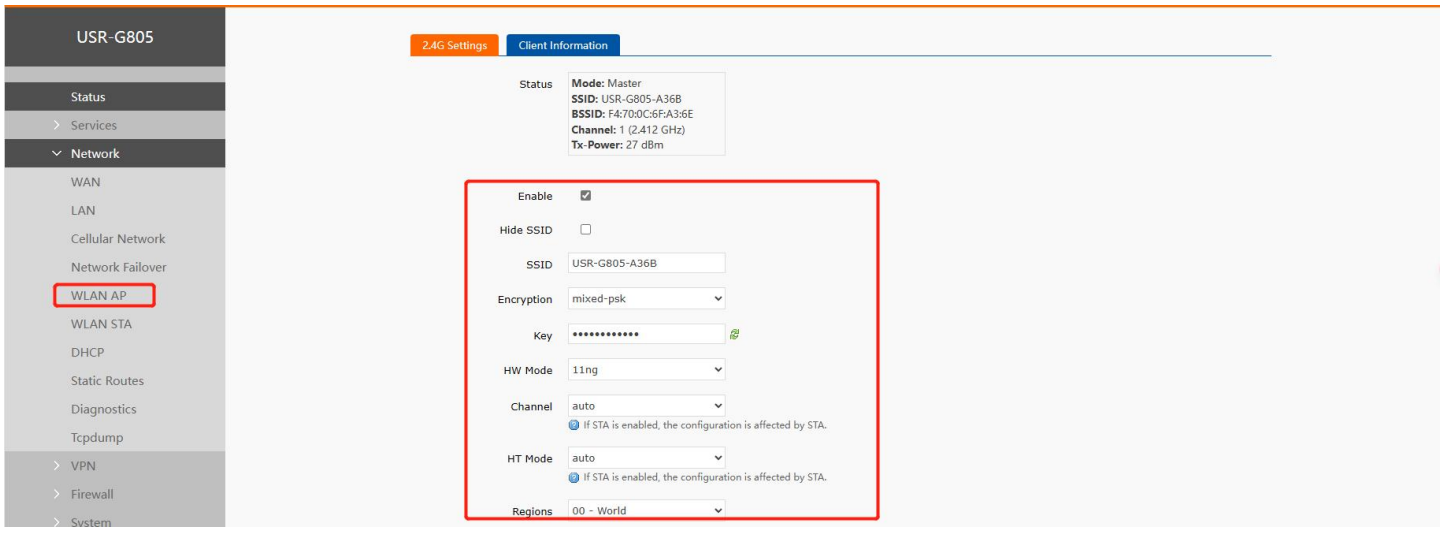


Figure 23. AP settings

Table 7. Parameters description of Wi-Fi interface

Items	Description	Default
Enable	To choose whether to enable the Wi-Fi function.	Enable

Hide SSID	To choose whether to hide the SSID. If the SSID is hidden, the user cannot search for the Wi-Fi name on the mobile phone or PC. Users can connect to Wi-Fi by manually entering the SSID.	Disable
SSID	Wi-Fi name, users can modify as needed.	USR-G805s-xxxx
Encryption	To choose Wi-Fi encryption method.	Mixed-psk
Key	The password of Wi-Fi.	www.pusr.com
HW Mode	To choose Wi-Fi standard.	11ng
Channel	To choose Wi-Fi channel.	auto
HT Mode	To choose high throughput.	auto
Regions	This option is for 5.8G Wi-Fi.	00-World

4.5.2. Client information

On this page, the users can view the device information connected to the USR-G805s through Wi-Fi.

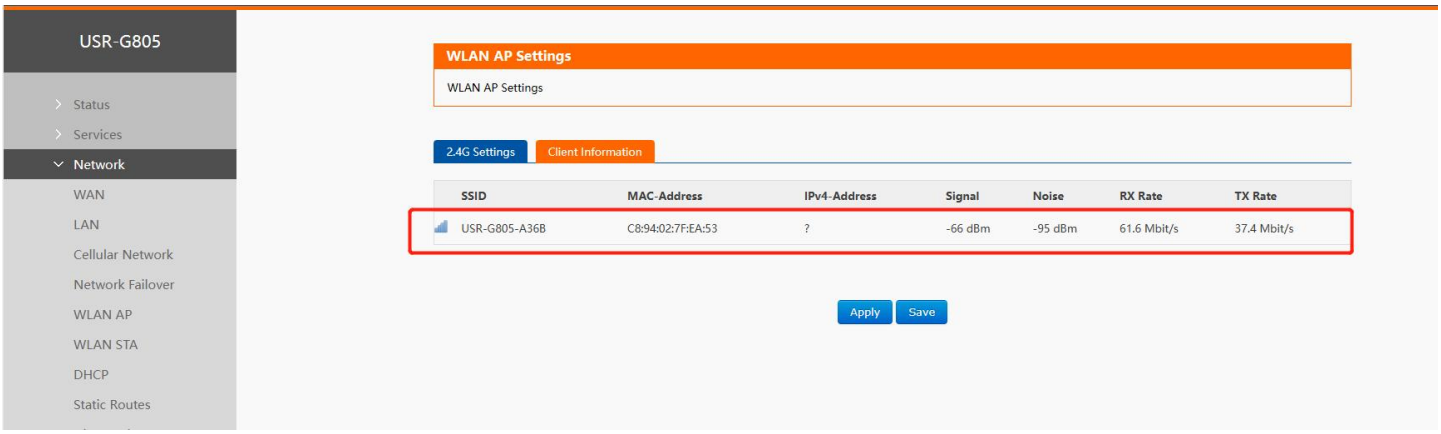


Figure 24. Client information of Wi-Fi

4.6. WLAN STA

4.6.1. Basic settings

On this page, users can enable the STA function and set relevant parameter. The default setting is OFF.

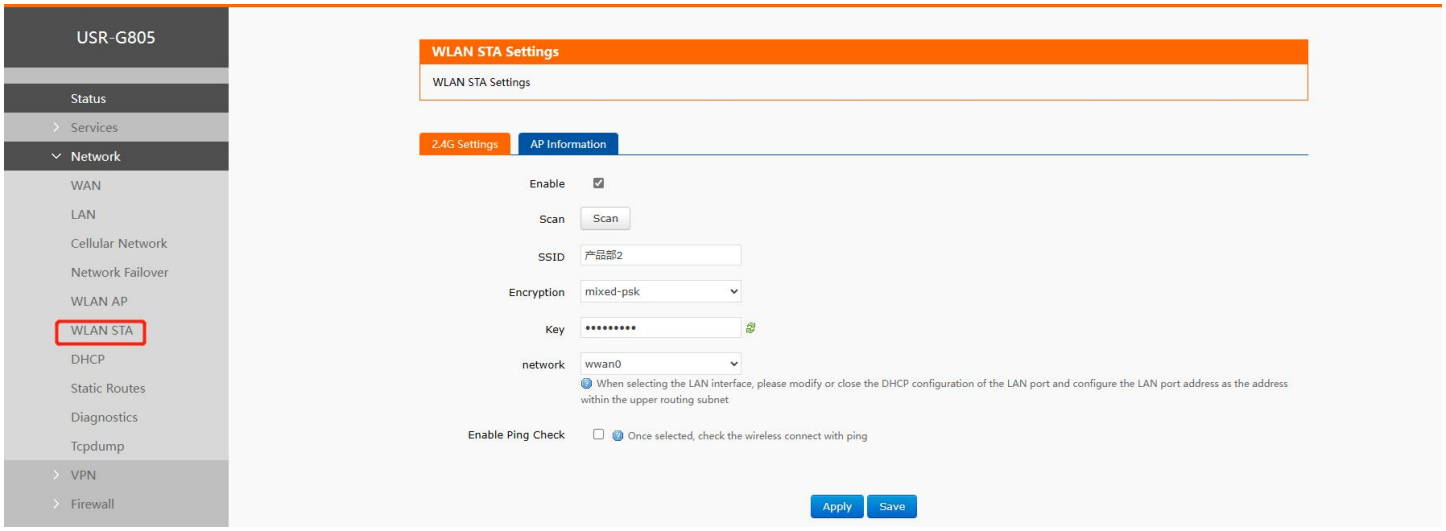


Figure 25. STA settings

The steps to connect to the upper-level routers:

1>Click "Scan" button,

2> Click the drop-down button of SSID, the available Wi-Fi network is displayed. Users can select the Wi-Fi network or enter the Wi-Fi name to connect to.

3>Enter the password of the Wi-Fi network if needed.

4>Choose network type:

Wwan0: Relay mode.

LAN: Bridge mode, the DHCP service should be closed, and the LAN IP should be in the same segment of upper-level router.

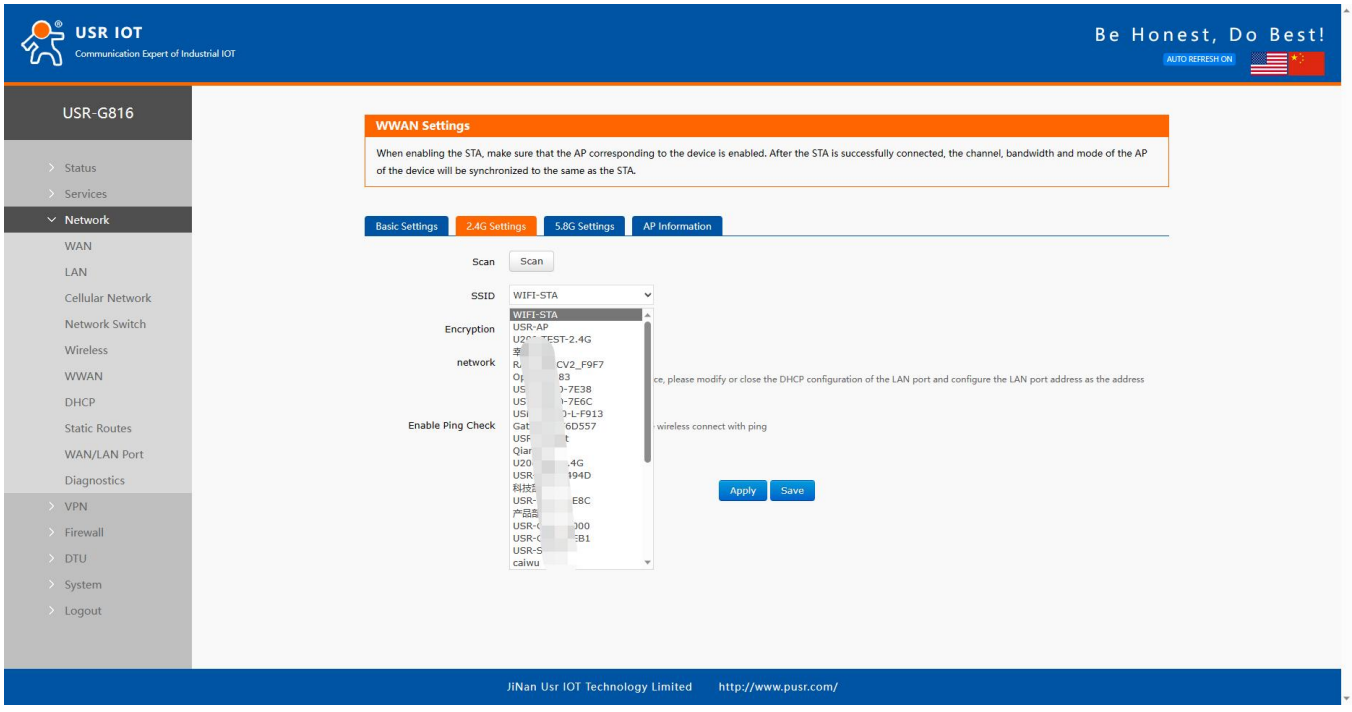


Figure 26. Searched AP list

4.6.2. AP information

If the USR-G805s connect to upper-level Wi-Fi successfully, the information will be displayed in this page.

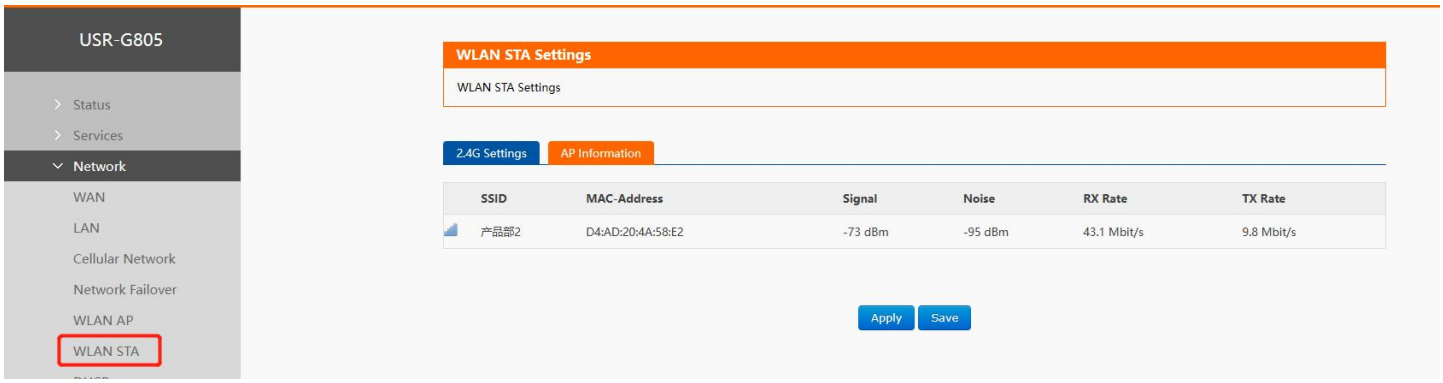


Figure 27. The AP information

4.7. DHCP introduction

On this page, users can assign static IP addresses to specific network devices and define device hostnames.

Note: Up to 10 rules can be added.

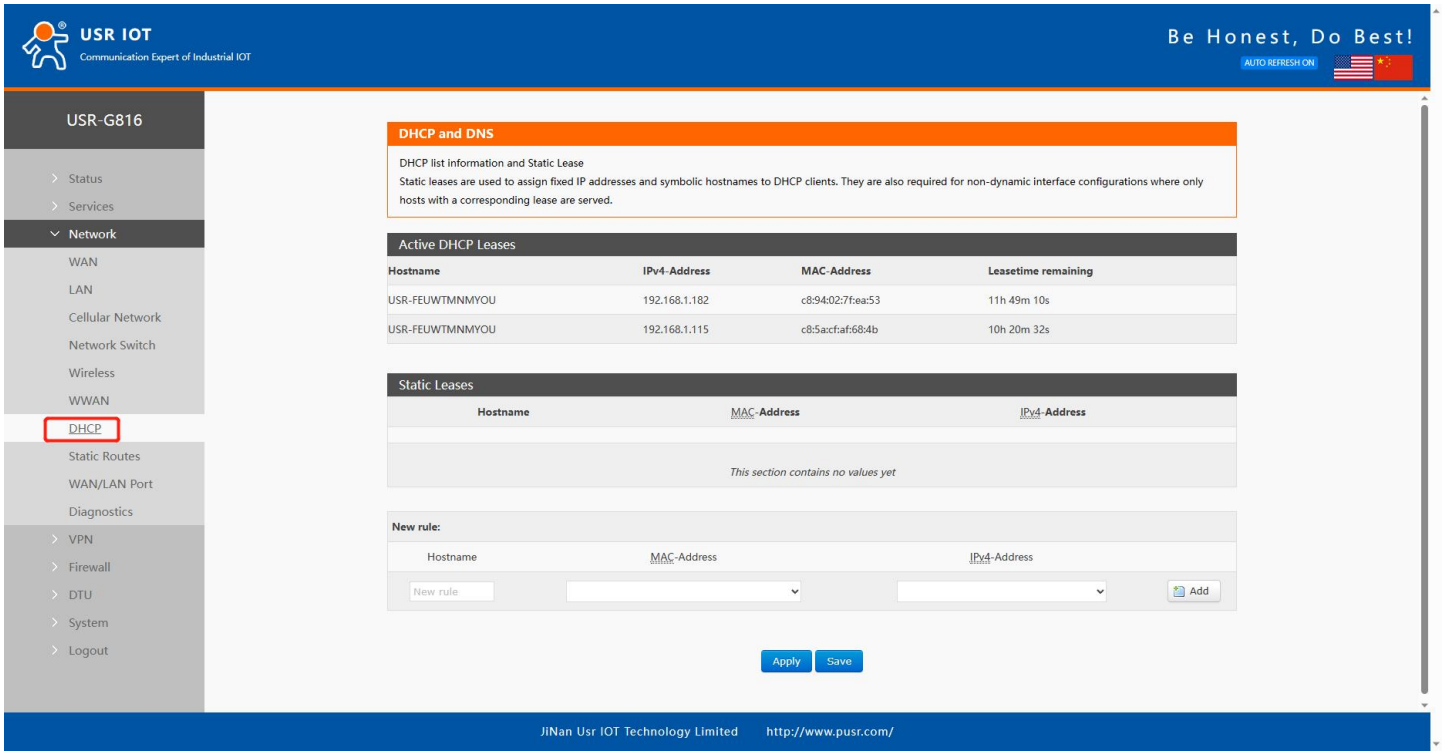


Figure 28. DHCP rules

4.8. Static routes

4.8.1. Static routing adding

Static routing describes the routing rules for packets on Ethernet.

Note: Up to 100 static router rules can be added.

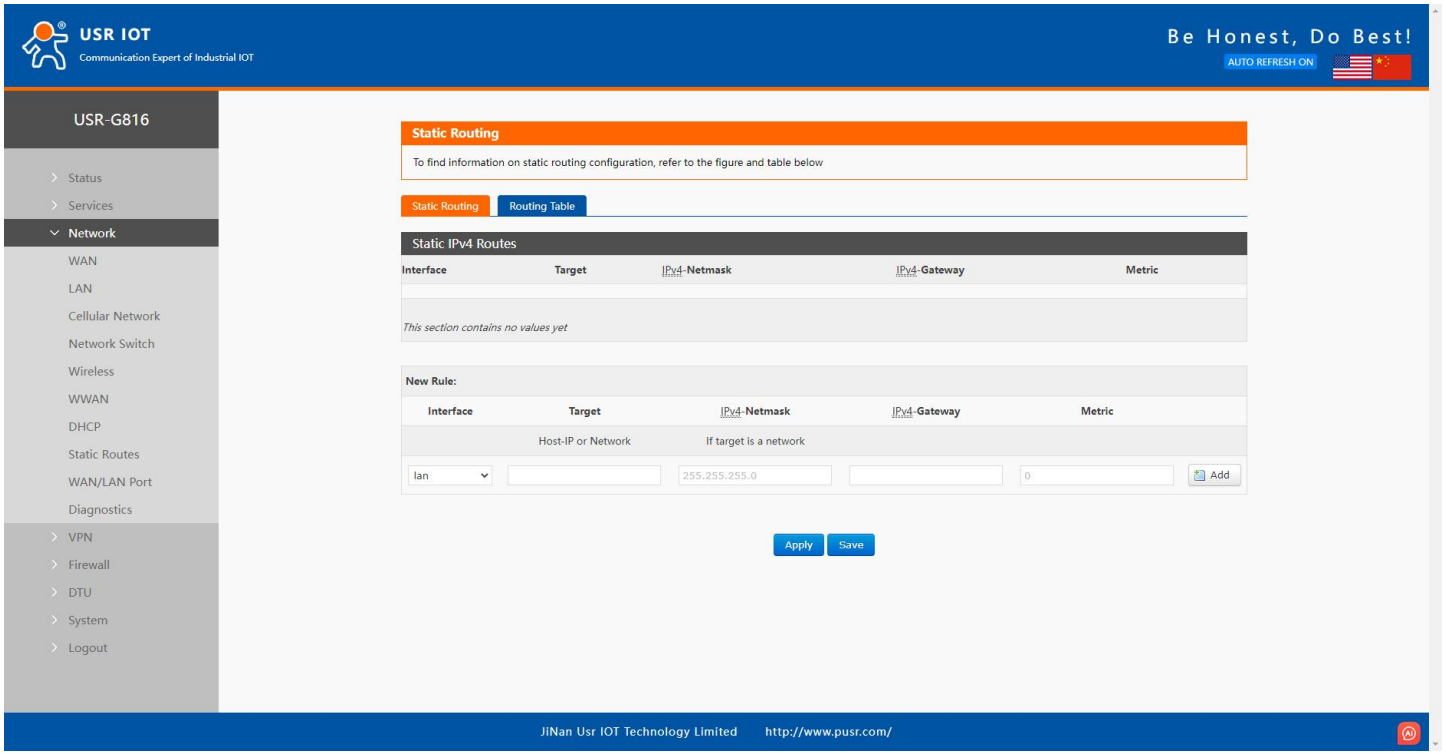


Figure 29. Static routing rule

Table 8. Parameters description of static routing

Items	Description	Default
Interface	Network interface of the target network.	
Target	Destination network address.	LAN
IPv4 Netmask	A netmask is used to divide an IP address into sub-networks (subnets). Combined, the 'Netmask' and 'Target' values define the exact destination network or IP address to which this route applies.	None
IPv4 Gateway	A gateway can be any machine in a network that is capable of serving as an access point to another network. Traffic that matches this route will be directed over the IP address specified in this field.	None
Metric	The metric value acts as a measurement of priority. If a packet about to be routed matches two or more rules, the one with the lower metric is applied.	None

4.8.2. Routing table

All routing rules are displayed on routing table page.

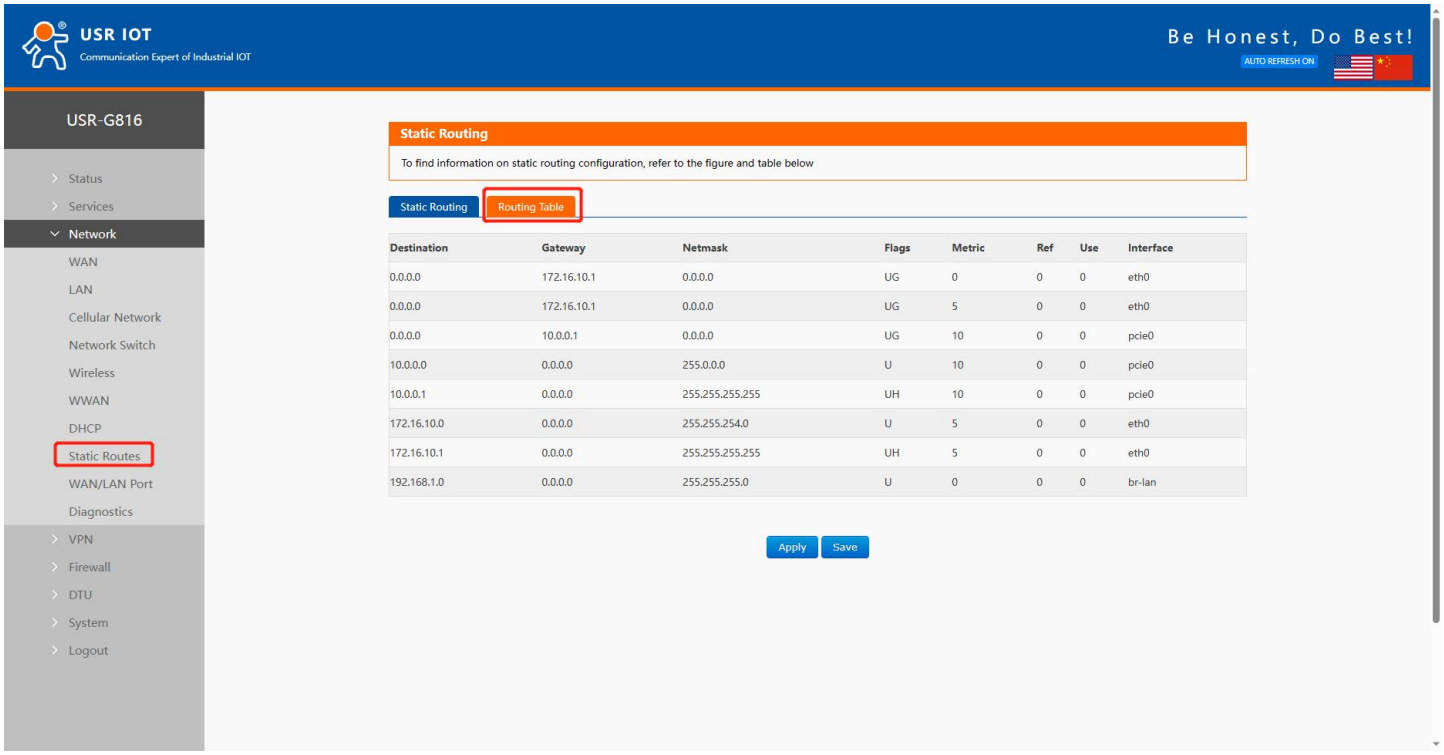


Figure 30. Routing table checking

4.9. Network diagnostics

USR-G805s provides online diagnostic functions, including Ping tools, routing analysis tools, and DNS viewing tools.

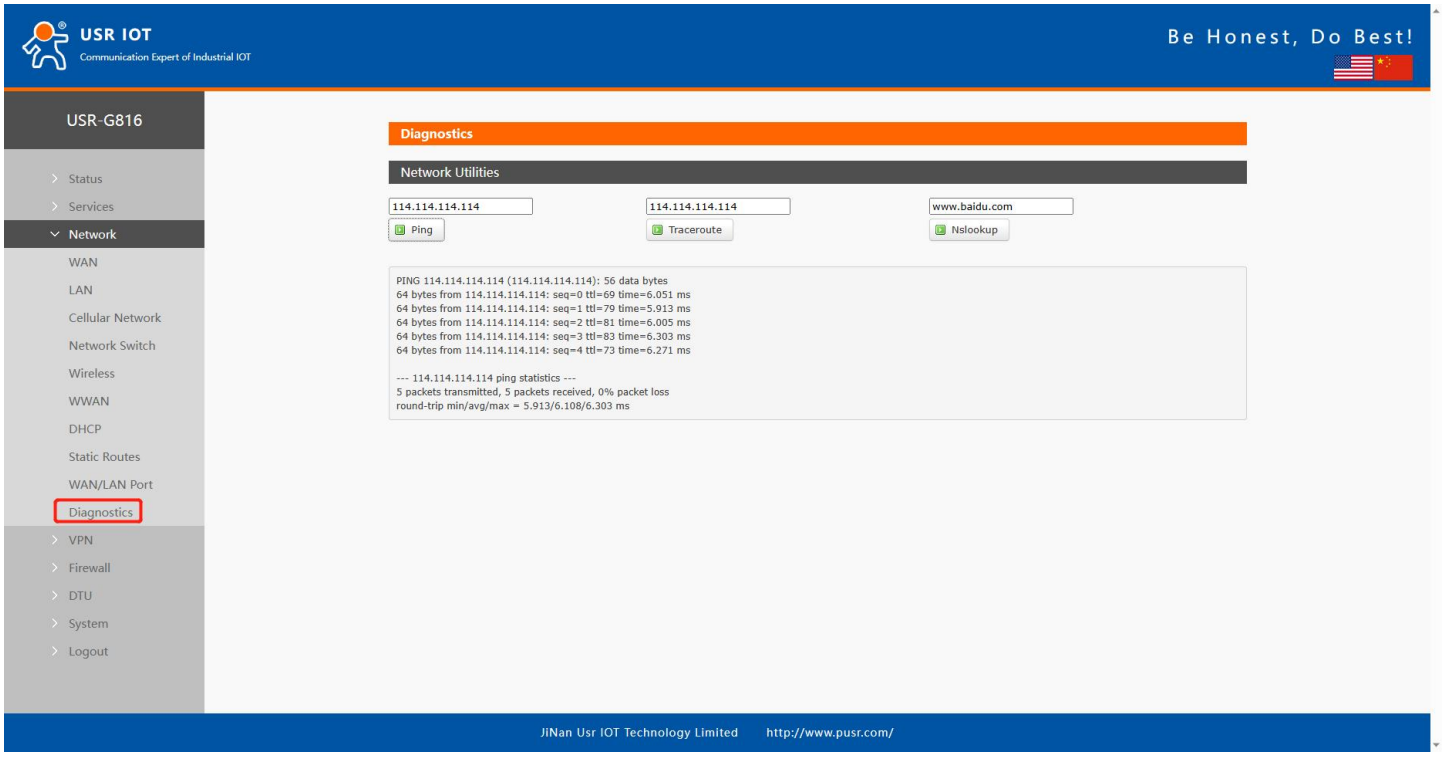


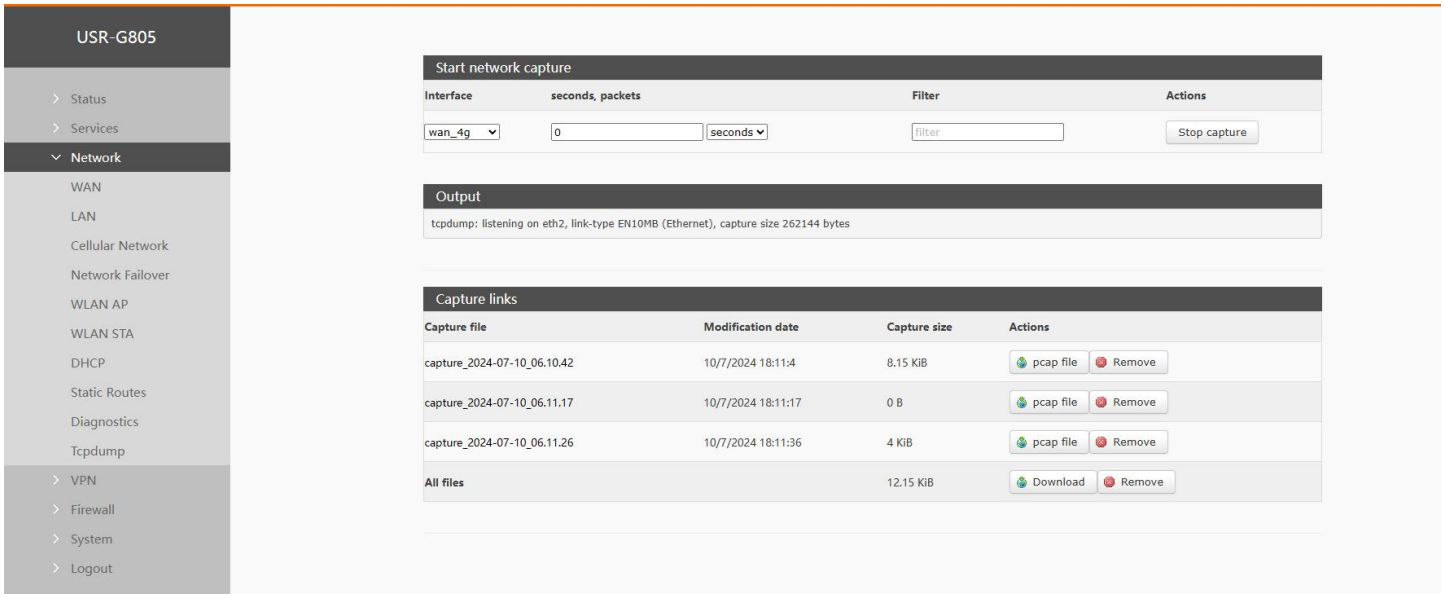
Figure 31. Network diagnostics

Table 9. Description of diagnostic types

Items	Description	Default value
Ping	Users can ping a specific IP address directly on the router side.	8.8.8.8
Traceroute	Routing analysis tool, which can obtain the routing path passed when accessing an address.	8.8.8.8
Nslookup	A DNS viewing tool that can resolve domain names to IP addresses.	www.google.com

4.10. TCP dump

The router supports tcpdump packet capture on web pages and can download the captured files for data analysis. Packets can be captured on multiple interfaces based on the number of packets or the interval.



5. VPN

5.1. PPTP Client

Point-to-Point Tunneling Protocol (PPTP) is a type of VPN protocol that uses a TCP control channel and a Generic Routing Encapsulation tunnel to encapsulate PPP packets.

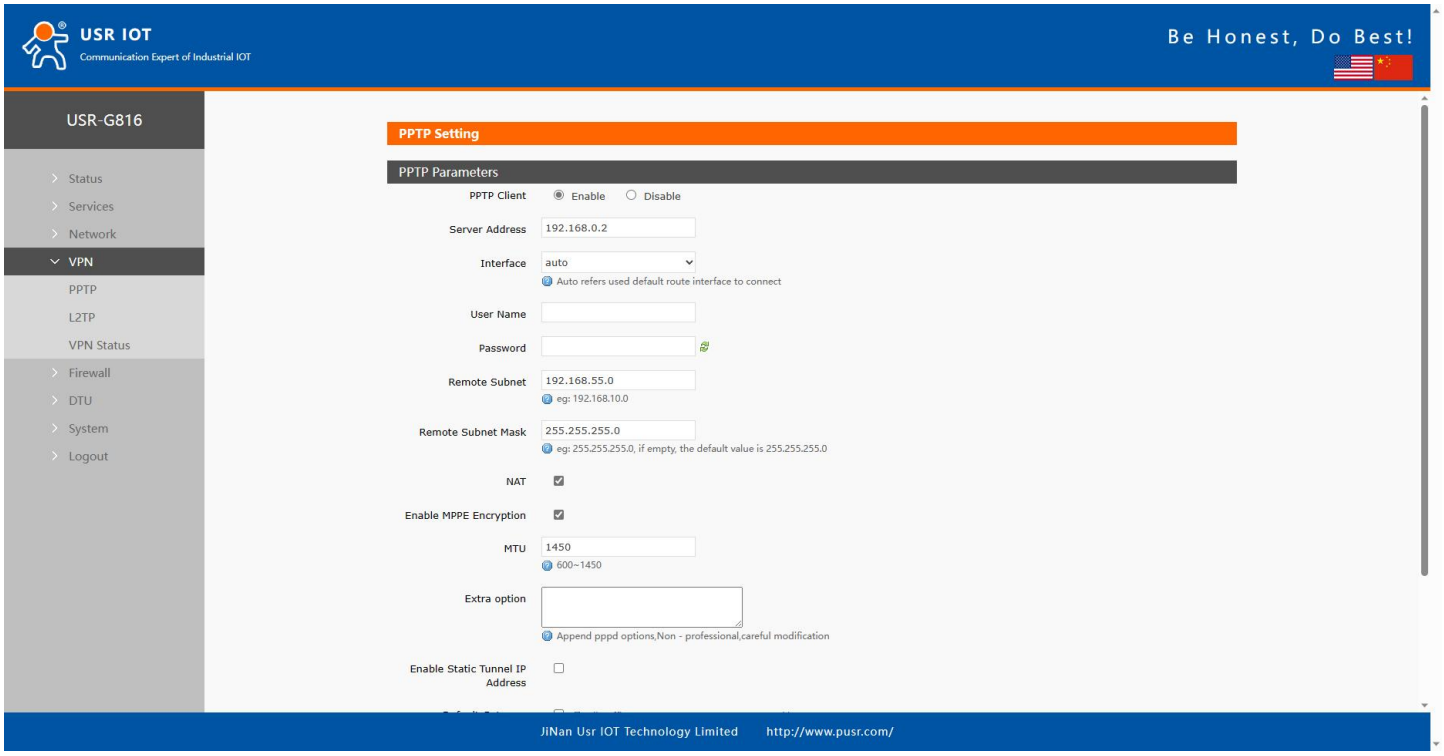


Figure 32. PPTP VPN settings

Table 10. Parameter details of PPTP VPN

Items	Description	Default
PPTP Client	Whether to enable PPTP client.	Disable
Server Address	Set PPTP server IP or domain name.	192.168.0.2
Interface	Select the interface according to different networking methods.	auto
Username /Password	Username used for authentication to the PPTP server. They are provided by the VPN server.	None
Remote Subnet	These are the IPv4 client-side networks that will be routed to this client specifically using route, so that a site-to-site VPN can be established.	192.168.55.0
Remote Subnet Mask	Subnet mask of remote client network.	255.255.255.0
NAT	Network address translation. It's a way to map multiple private addresses inside a local network to a public IP address before transferring the information onto the internet.	Enabled
Enable MPPE Encryption	This option must be consistent with the VPN server.	Enabled
MTU	The MTU value of the PPTP channel must be consistent with the	1450

	VPN server.	
Extra option	Append pppd parameters, non-professionals, prohibited operation.	None
Enable Static Tunnel IP Address	Users need to enter static IP manually if this option is enabled.	Disabled
Default Gateway	Force all client generated traffic through the tunnel, except WAN protocol is PPPOE.	Disabled
Enable Ping	The USR-G805s will reconnect to PPTP server if the PING command fails more than preset times.	Disabled
Ping Period	The time interval between two ping commands.	10
Ping times	Number of ping attempts.	3

5.2. L2TP Client

L2TP, also called Layer 2 Tunneling Protocol, is a tunneling protocol used to create VPN connections. Its main purpose is to securely transport data over public networks.

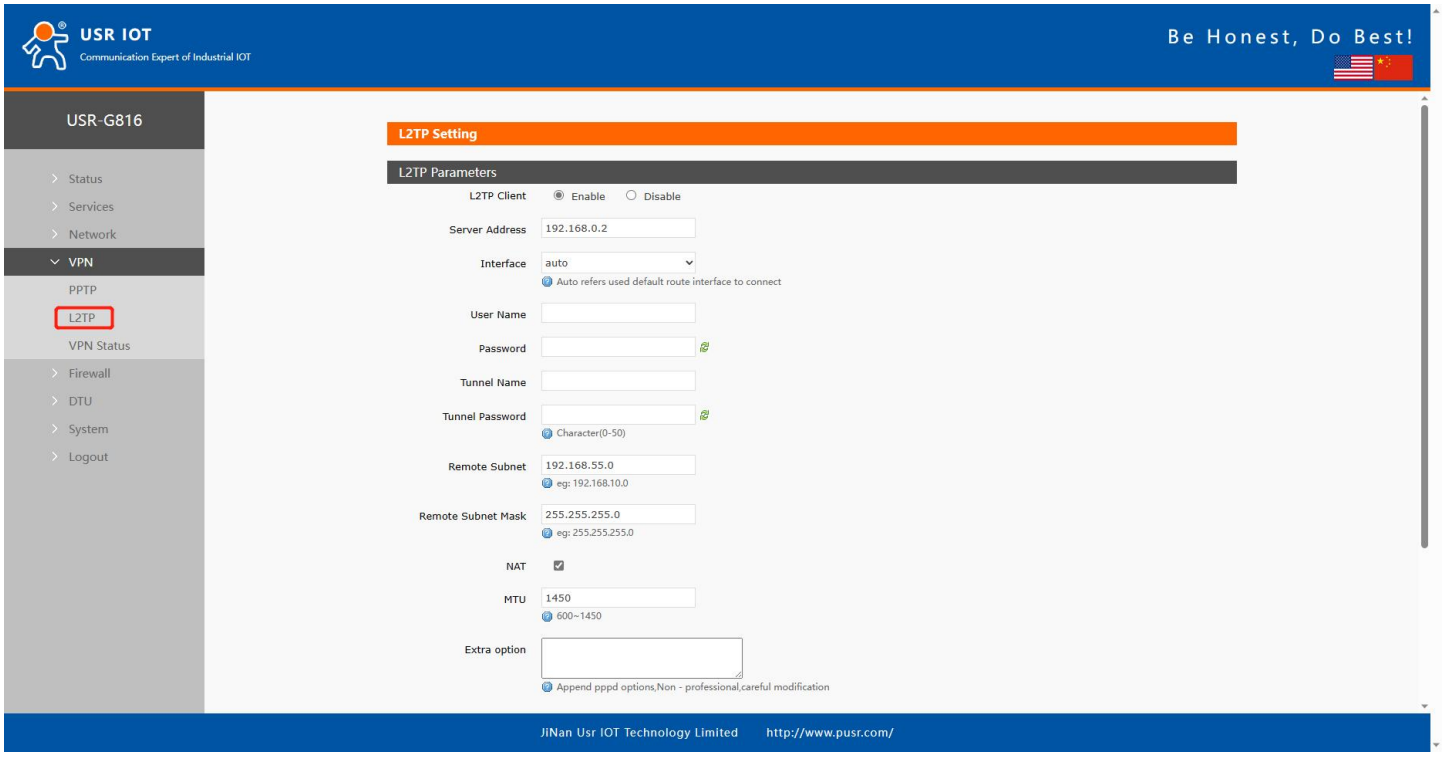


Figure 33. L2TP VPN settings

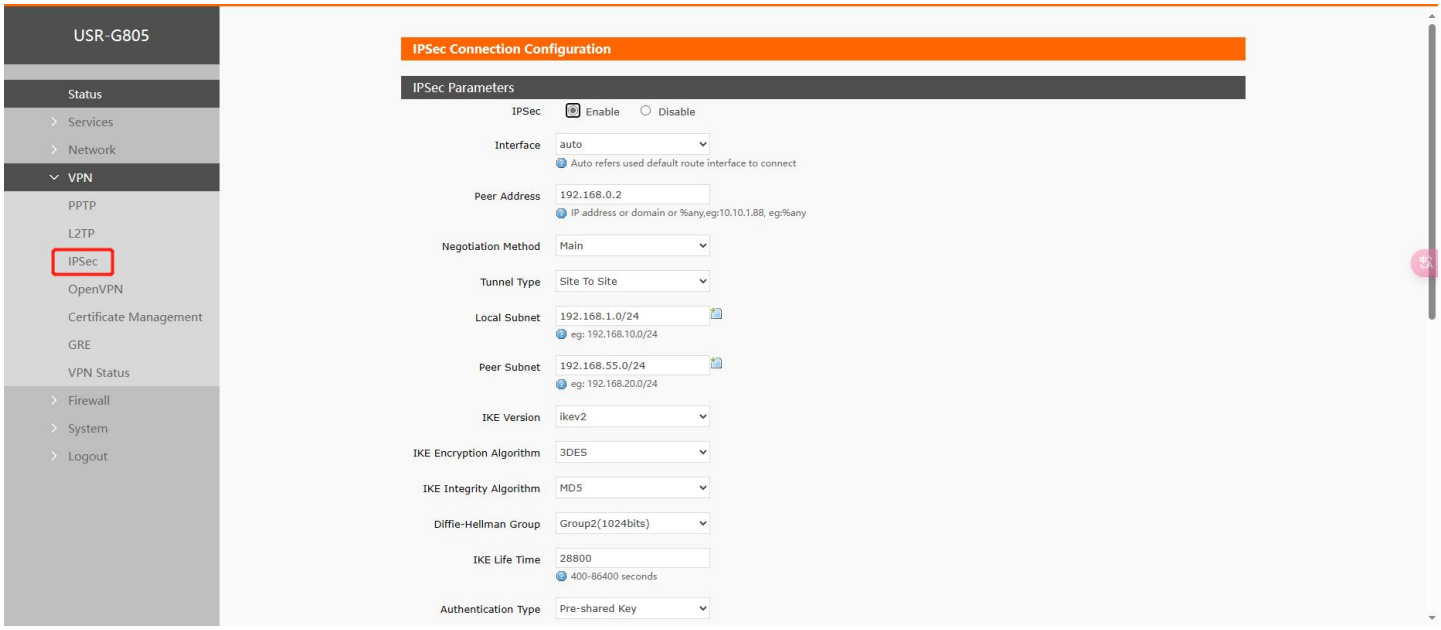
Table 11. Parameter details of L2TP VPN

Items	Description	Default

L2TP Client	Turns the L2TP client on or off.	Off
Server Address	Set L2TP server IP or domain name.	192.168.0.2
Interface	Select the interface according to different networking methods.	auto
Username/ Password	Username used for authentication to the PPTP server. They are provided by the VPN server.	192.168.55.0
Tunnel Name	The name of L2TP tunnel.	None
Tunnel Password	The password of L2TP tunnel.	None
Remote Subnet	These are the IPv4 client-side networks that will be routed to this client specifically using route, so that a site-to-site VPN can be established.	192.168.55.0
Remote Subnet Mask	Subnet mask of remote client network.	255.255.255.0
NAT	Network address translation. It's a way to map multiple private addresses inside a local network to a public IP address before transferring the information to the internet.	Enabled
MTU	The MTU value of the PPTP channel must be consistent with the VPN server.	1450
Extra Option	Append pppd parameters, non-professionals, prohibited operation.	None
Enable Static Tunnel IP Address	Users need to enter static IP manually if this option is enabled.	Disabled
Default Gateway	Force all client generated traffic through the tunnel, except WAN protocol is PPPOE.	Disabled
Enable Ping	The USR-G805s will reconnect to PPTP server if the PING command fails more than preset times.	Disabled
Ping Period	The time interval between two ping commands.	10
Ping times	Number of ping attempts.	3

5.3. IPSec VPN

USR-G805s supports IPSec VPN, both v1 and v2 version.



Items	Description	Default
IPSec enable	Whether to enable IPSec VON	Disable
Interface	Select the interface according to different networking methods.	auto
Peer Address	Set L2TP server IP or domain name.	192.168.0.2
Negotiation Method	Main and aggressive are supported	main
Tunnel Type	4 types: Site to site, Site to host, Host to site, Host to host	Site to site
Local Subnet	Local IP and mask of IPSec VPN	192.168.1.0/24
Peer Subnet	Peer IP and mask of IPSec VPN	192.168.55.0/24
IKE Version	V1, V2 version are supported	Ikev2
IKE Encryption Algorithm	3DES, AES-128, AES-192, AES-256 are supported	3DES
IKE Integrity Algorithm	MD5, SHA1, SHA2-256, SHA2-512 are supported	MD5
Diffie-Hellman Group	Group1(768bits), Group2(1024bits), Group5(1536bits), Group14(2048bits).	Group2(1024bits)
IKE Life Time	Range: 400-86400 seconds	28800
Authentication Type	pre-shared key authentication is supported	Pre-shared Key
Pre-shared Key	Set the key of authentication type, 1-50characters can be set.	123456abc

Local Identifier	It can be IP address or @domain, 0-29 characters can be set.	@client
Peer Identifier	It can be IP address or @domain, 0-29 characters can be set.	@server
ESP Encryption Algorithm	3DES, AES-128, AES-192, AES-256 are supported	AES-128
ESP Integrity Algorithm	SHA1, SHA2-256, MD5 are supported	SHA-1
Perfect forward encryption(PFS)	None, DH1, DH2, DH5	DH2
ESP Life Time	Range: 400-86400 Seconds	3600
DPD Timeout	Sets the timeout duration for Dead Peer Detection	60
DPD Detection Period	Sets the detection period for Dead Peer Detection	60
DPD Action	Sets the action for DPD detection, including Restart, clear, Hold, None	Restart
Enable Ping Tracking	Whether to enable the PING detection	Disable

5.4. OpenVPN

In OpenVPN mode, the USR-G805s support 3 OpenVPN clients and 1 OpenVPN server. This means USR-G805s can connect to 3 OpenVPN servers simultaneously.

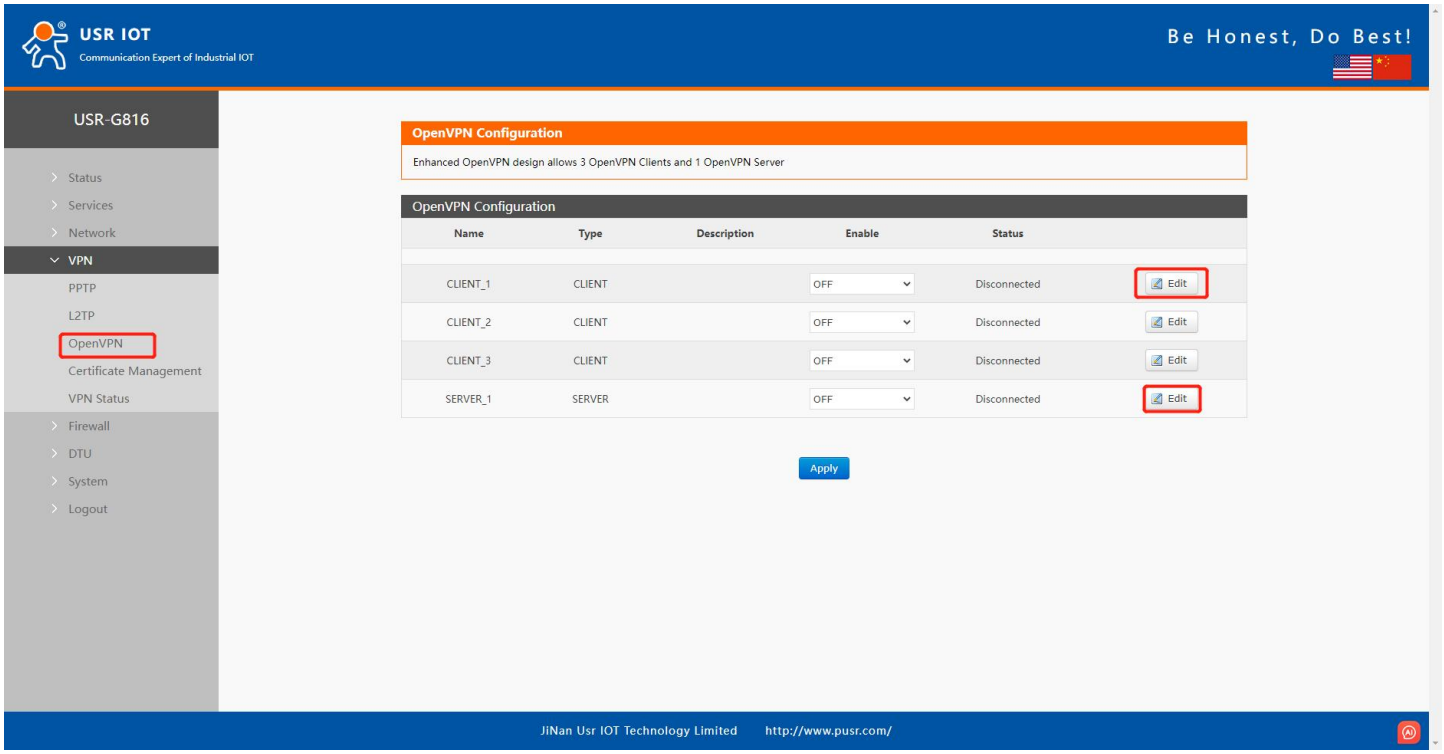


Figure 34. Edit OpenVPN settings

5.4.1. OpenVPN client

USR-G805s supports import .ovpn config file and PKCS#12 cert-file. Say goodbye to complex parameter settings. After importing the ovpn file, users just need to config the username and password.

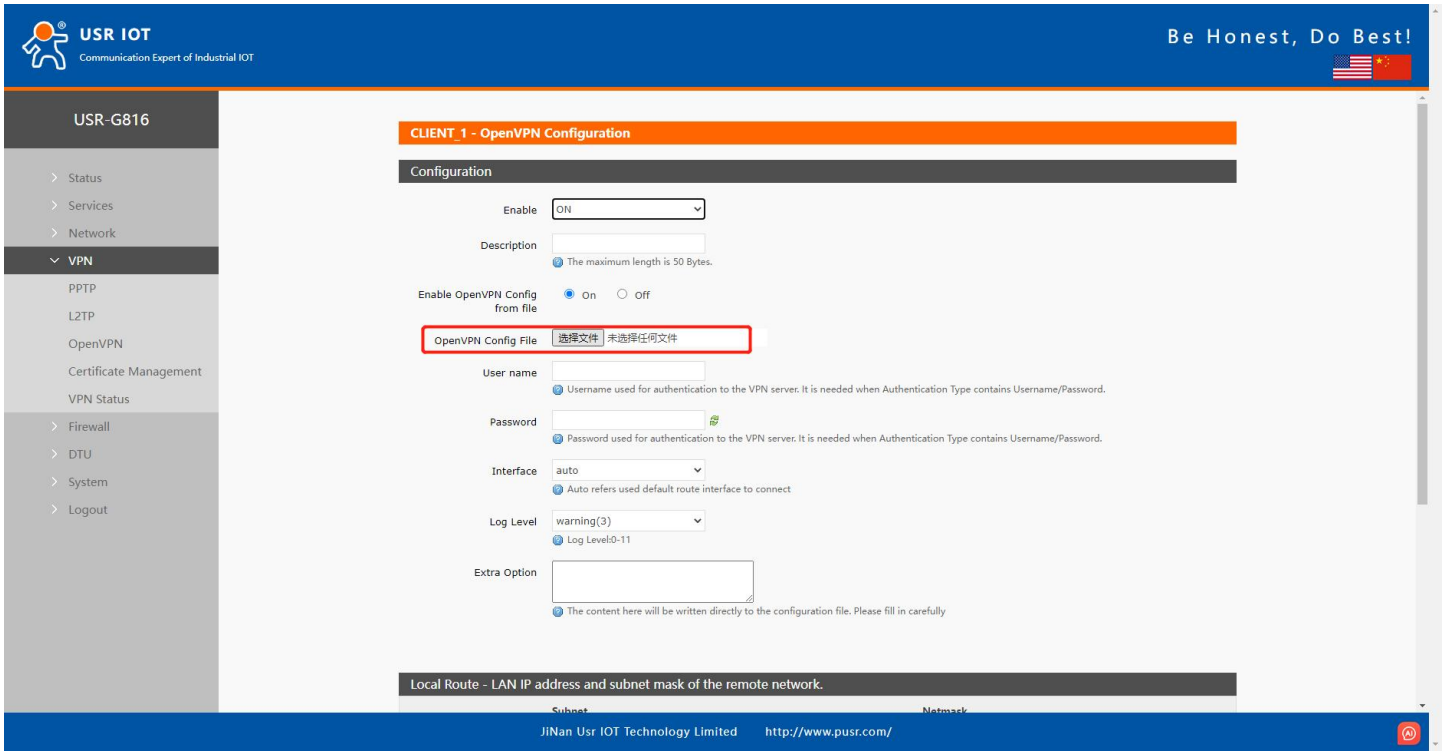


Figure 35. Upload OpenVPN Config file

If users need to set parameters using traditional way, just turn off the config file. The ca, cert, and key file can be loaded in “Certificate Management” page.

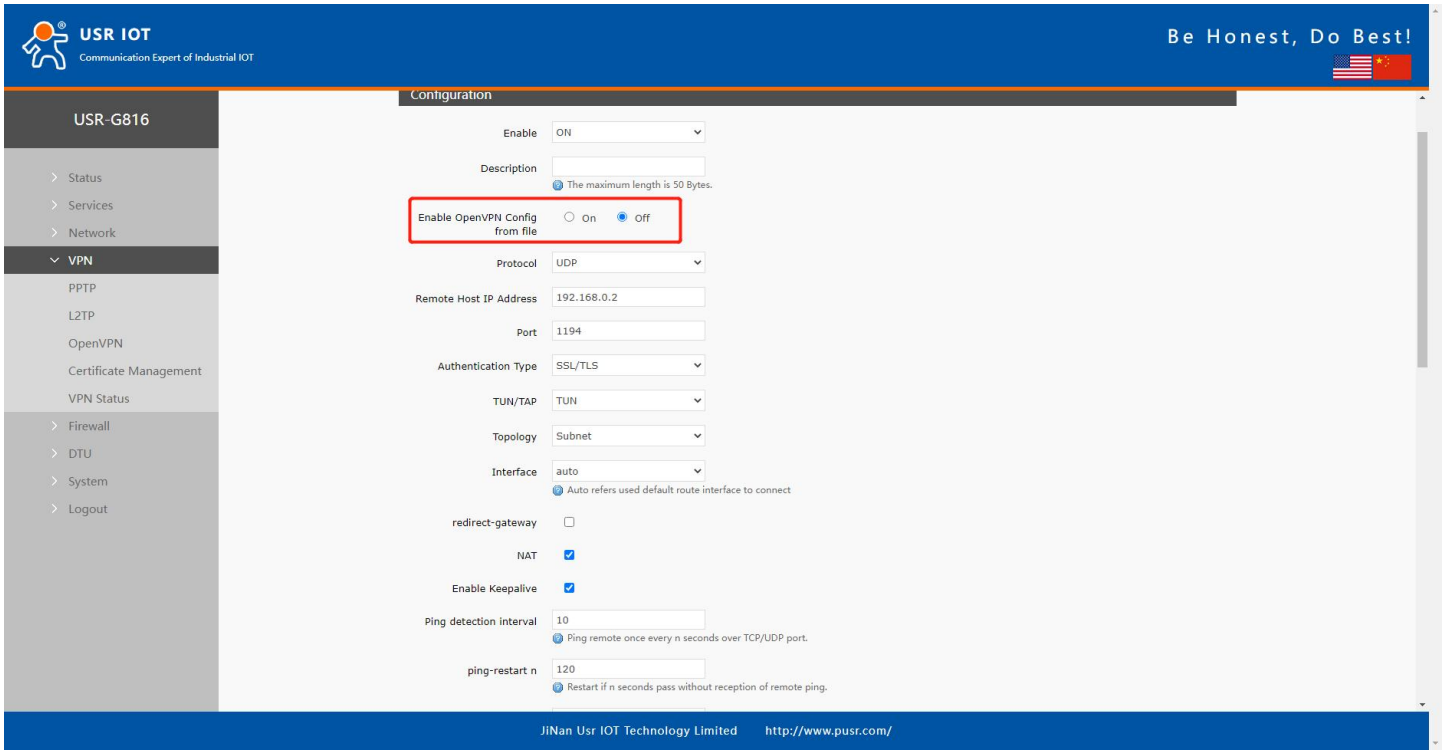


Figure 36. Enable traditional OpenVPN settings

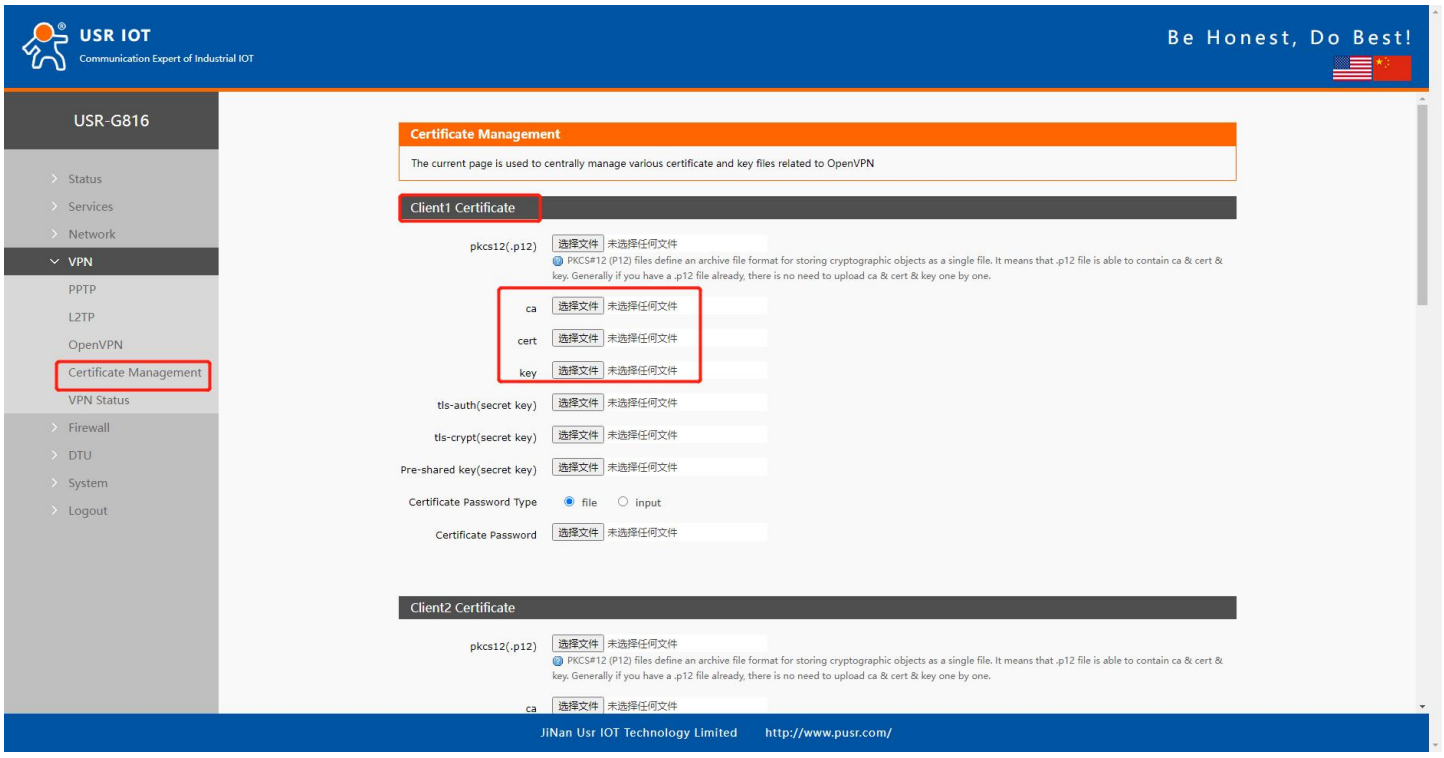


Figure 37. Upload certificate file

5.4.2. OpenVPN server

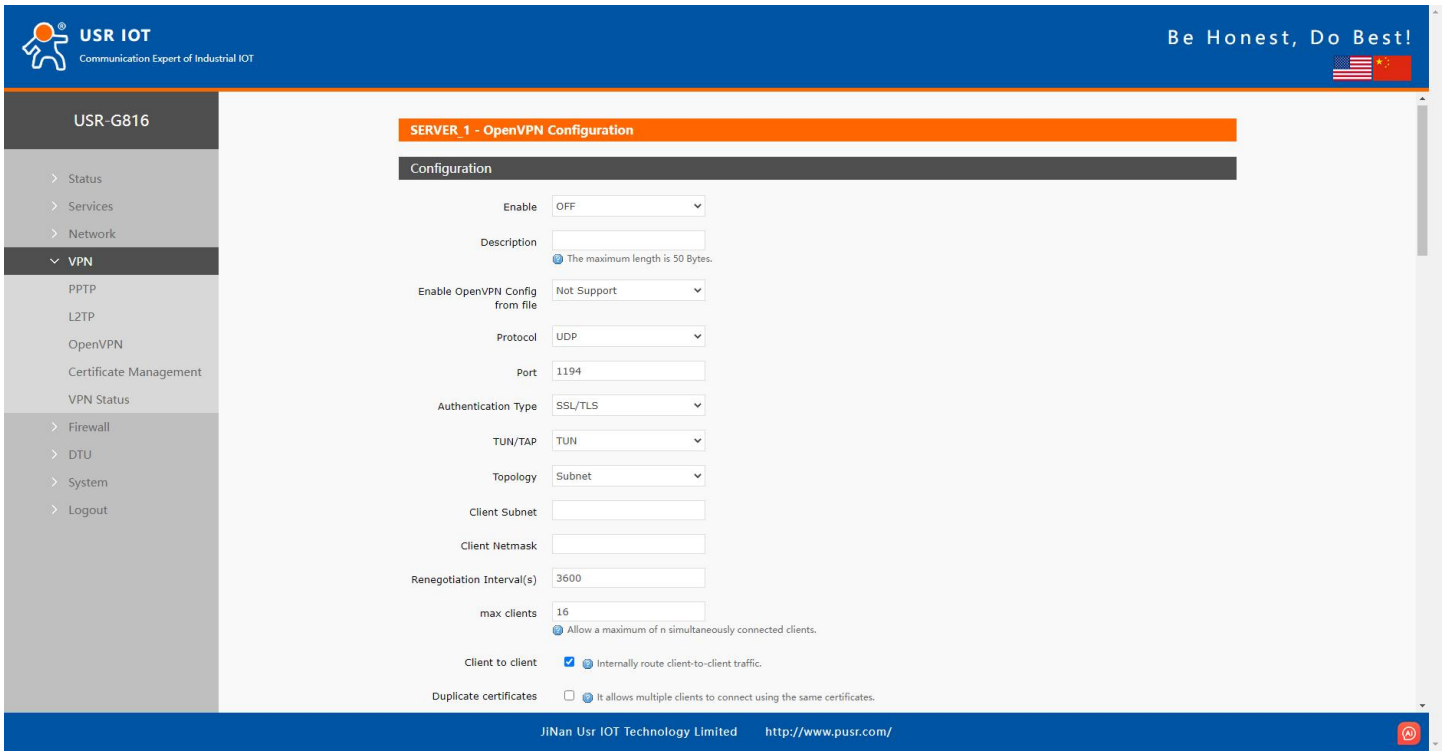
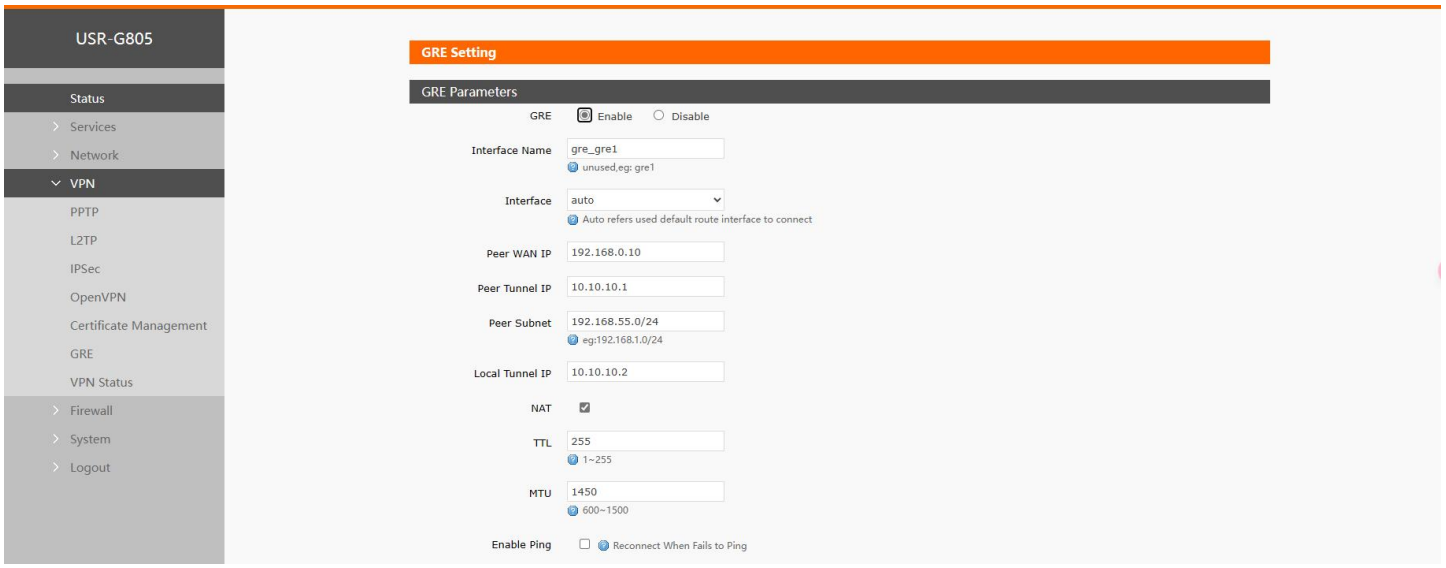


Figure 38. OpenVPN server settings

5.5. GRE



Items	Description	Default
GRE	Whether to enable GRE VPN.	Disable
Interface Name	The name of GRE VPN tunnel	gre_gre1
Interface		auto
Peer WAN IP	Remote GRE WAN IP address	192.168.0.10

Peer Tunnel IP	Remote GRE tunnel IP address	10.10.10.1
Peer Subnet	Remote IP/Mask	192.168.55.0/24
Local Tunnel IP	Local GRE tunnel IP address	10.10.10.2
NAT	Whether NAT is required for data passing through GRE interfaces	Enabled
TTL	Set the TTL parameters(1~255)	255
MTU	Set the MTU(600~1500)	1450
Enable Ping	The USR-G805s will reconnect to GRE VPN if the PING command fails more than preset times.	Disabled
Ping Period	The time interval between two ping commands.	10
Ping times	Number of ping attempts.	3

6. Firewall

6.1. General Settings

There are 2 basic firewall rules by default in USR-G805s.

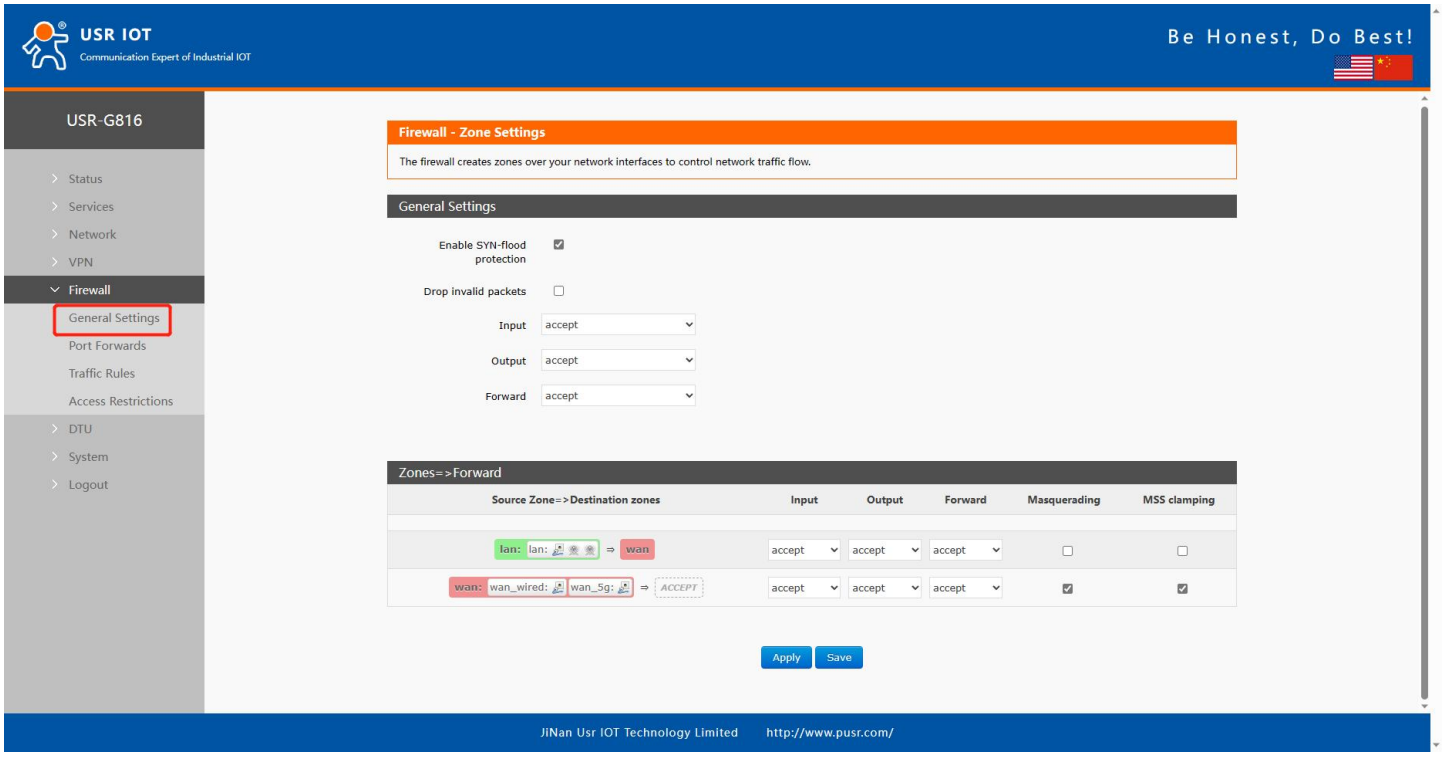


Figure 39. General settings of firewall

➢Input: Packets that accessing router's IP.

➢Output: Packets sent from the router.

➢Forward: Data forwarding between interfaces, without routing itself.

➢Masquerading: IP masquerading automatically, which is meaningful for the WAN port and 4G port, the masquerading for IP when access the external.

➢MSS clamping: Limit the large of the MSS, generally it is 1460.

The first rule:

➢The input, output, and forward packet from LAN to WAN is accept by default.

➢Forward: If the data package will access the WAN from the LAN, so the rule allows data package from the LAN to WAN.

➢Input: Open the webpage of the router when you under the LAN.

➢Output: The router accesses the extern net, like NTP.

The second rule:

➢WAN and 4G interface receive the input, output and forward packet by default.

➢If there is input data package and it will be allowed. Such as someone will login the webpage of the router from the WAN.

➢Same as the input, the output will be allowed if access the external net from the WAN or 4G of the router.

➢The forward package is also allowed, data packets from the WAN port want to be forwarded to the LAN.

6.2. Port forward

6.2.1. Port forward

A port forward is a way of making a computer on your home or business network accessible to computers on the internet, even though they are behind a router or firewall.

Up to 100 port forwards can be added.

Table 12. Parameter details of port forward

Items	Description	Default
Name	The name of port forwarding rules, user-defined.	None
Protocol	Protocol type, options: TCP+UDP, TCP, UDP.	TCP+UDP
External Zone	WAN or VPN.	WAN
External port	Users can set a single port or a range of ports, like 8000-9000. Note: It's DMZ function when external port and internal port are empty.	None
Internal zone	LAN or VPN.	LAN
Internal IP	IP address of device connected to LAN port.	None

address		
Internal port	Users can set a single port or a range of ports, like 8000-9000. Note: It's DMZ function when external port and internal port are empty.	None

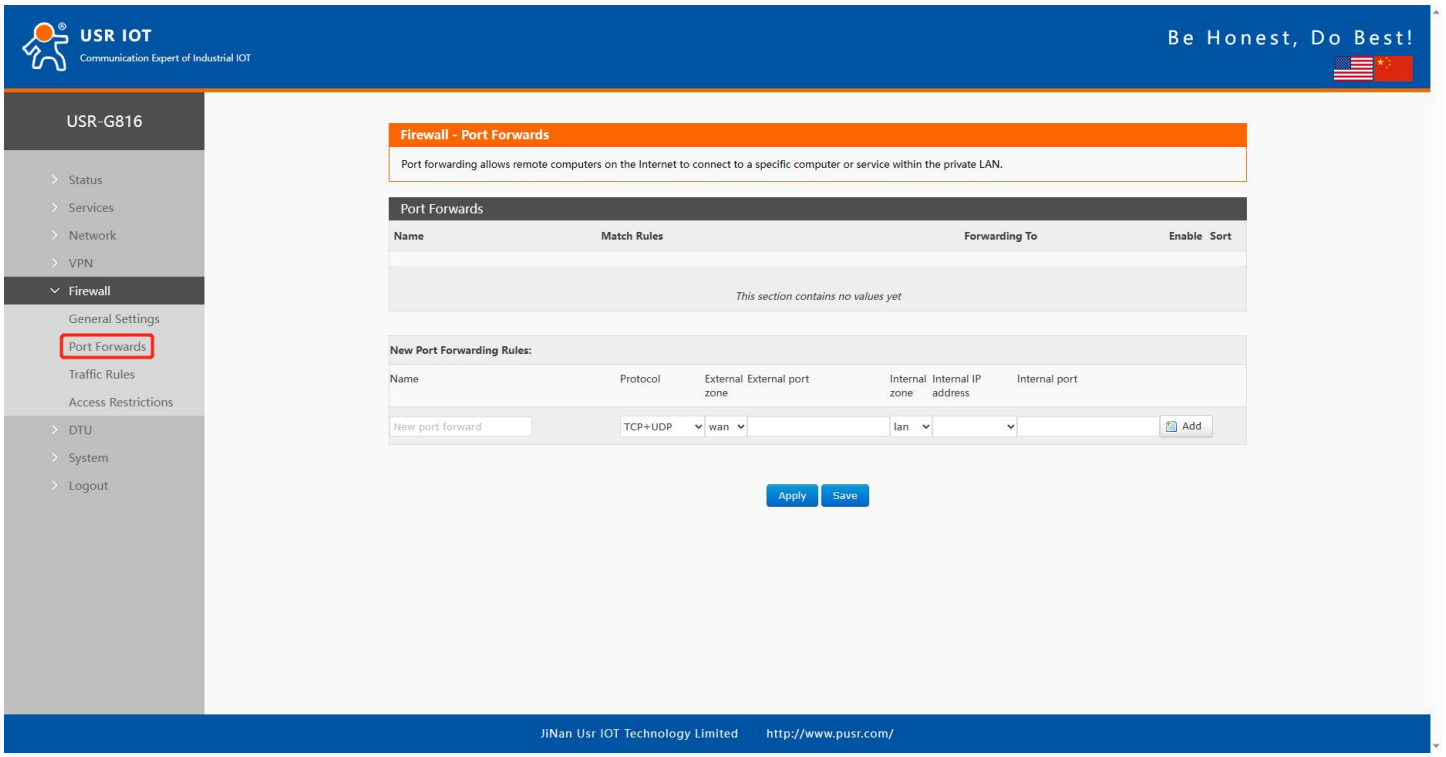


Figure 40. Port forwards settings

6.2.2. DMZ function

DMZ function is a physical or logical subnet that separates a local area network (LAN) from other untrusted networks -- usually, the public internet.

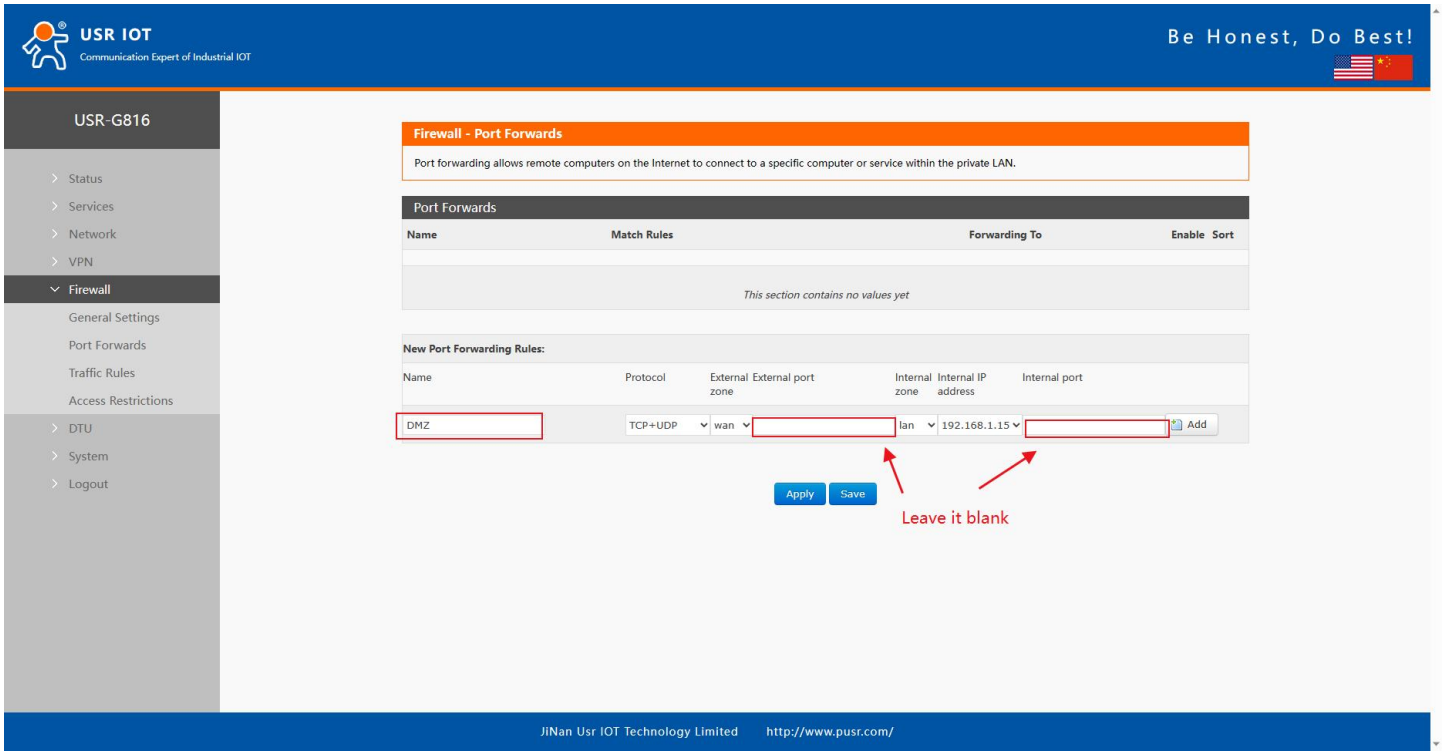


Figure 41. DMZ settings

6.3. Traffic rules

The Traffic Rules tab is a crucial feature of a firewall functionality that allows you to set rules to filter and control network traffic moving through the device. In essence, traffic rules determine which firewall rules will be applied to packets traveling through the network. These packets can be allowed, blocked, or rejected based on various criteria such as the source and destination IP addresses and port numbers specified in the packet headers.

Table 13. Parameter details of traffic rules

Items	Description	Default
Enable	Whether to enable the traffic rules.	Disable
Name	The name of traffic rules.	None
Restrict to address family	IP address family to which to rule will apply. It only supports IPv4 IP by now.	IPv4 only
Protocol	Choose the protocol of the traffic rules, including TCP+UDP, TCP, UDP, ICMP	TCP+UDP
Match ICMP type	Choose the ICMP type of the rules.	any
Source zone	The zone to which the third party will be connecting.	lan
Source MAC	MAC address(es) of connecting hosts.	any

	The rule will apply only to hosts that match MAC addresses specified in this field. Leave empty to make the rule skip MAC address matching.	
Source IP	IP address or network segment used by connecting hosts.	any
Source port	IP address or network segment used by connecting hosts.	None
Destination zone	Target zone of the incoming connection.	WAN
Destination IP	Tagert IP address or network segment of the incoming connection.	any
Destination port	Tagert port or range of ports of the incoming connection.	None
Action	Action that is to be taken when a packet matches the conditions of the rule. Drop: packet is stopped and deleted. Accept: packet gets to continue to the next chain. Reject: packet is stopped, deleted and, differently from Drop, an ICMP packet containing a message of rejection is sent to the source from which the dropped packet came. Don't track: packet is no longer tracked as it moves forward.	Accept

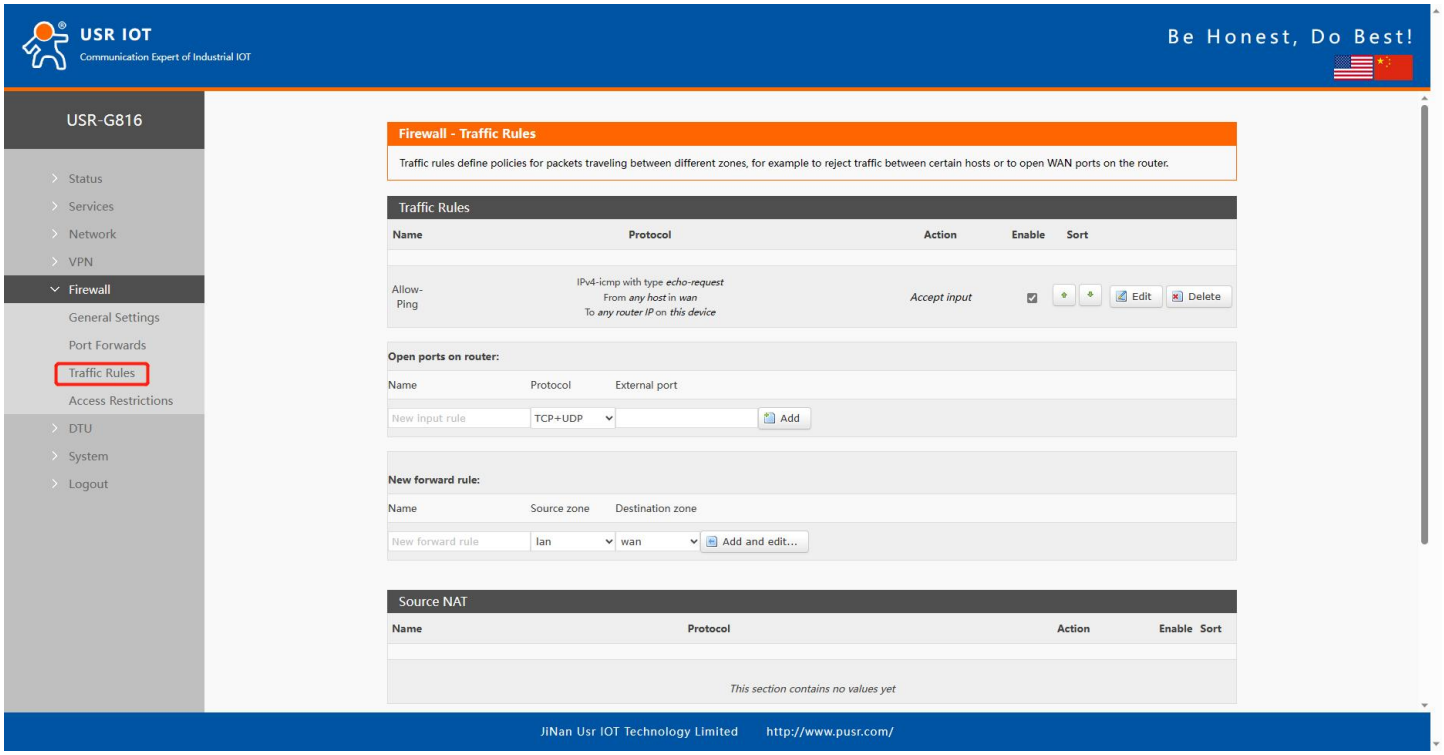


Figure 42. Traffic rules settings interface

6.3.1. Open ports on router

This provides a quick way to set simple rules that allow traffic on specified ports of the device. The figure

below is an example of the Open ports on device section and the table below provides information on the fields contained in that section.

Table 14. Parameter details

Items	Description	Default
Name	The name of the rule， user defined.	None
Protocol	Specifies to which protocols the rule should apply, including TCP+UDP, TCP, UDP.	TCP+UDP
External port	Specifies which port(s) should be opened.	None

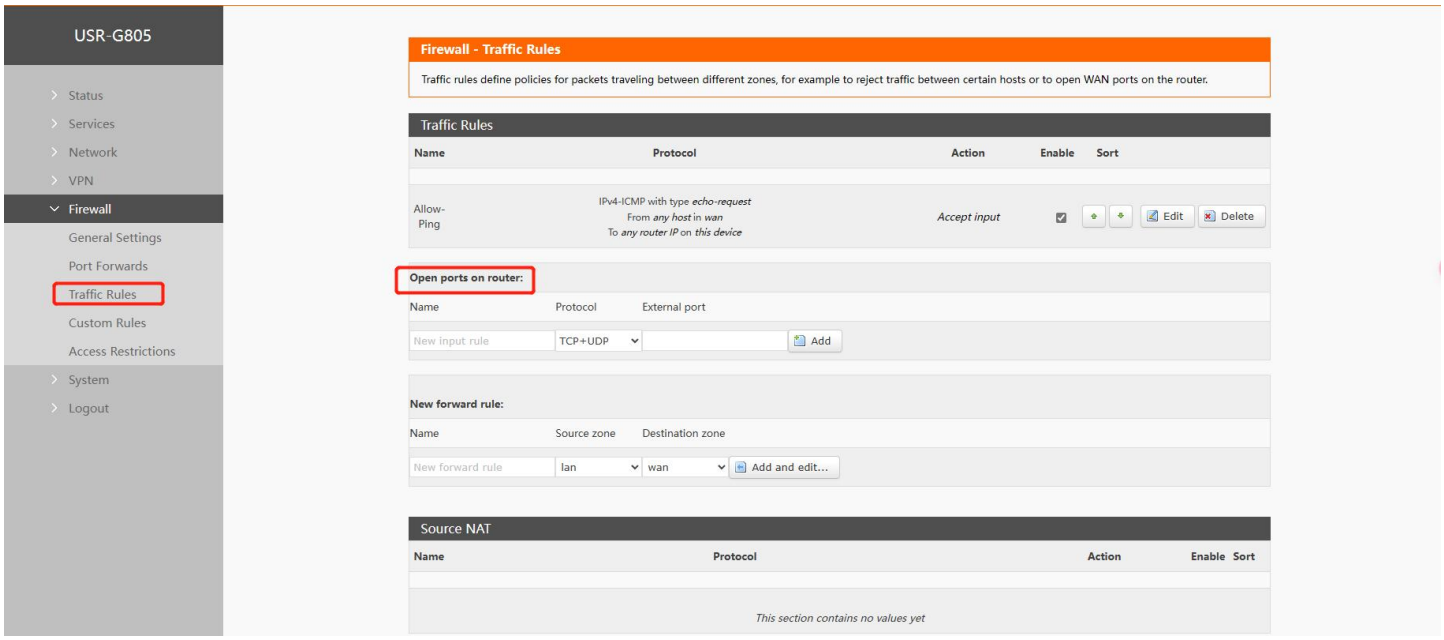


Figure 43.

6.3.2. Add new forward rule

This is used to create firewall rules that control traffic on the FORWARD chain. The figure below is an example of the Add New Forward Rule section and the table below provides information on the fields contained in that section.

Table 15. Parameter details

Items	Description	Default
Name	The name of the rule， user defined.	None
Source zone	The zone from which traffic has originated.	lan
Destination zone	The zone to which traffic will be forwarded to.	wan

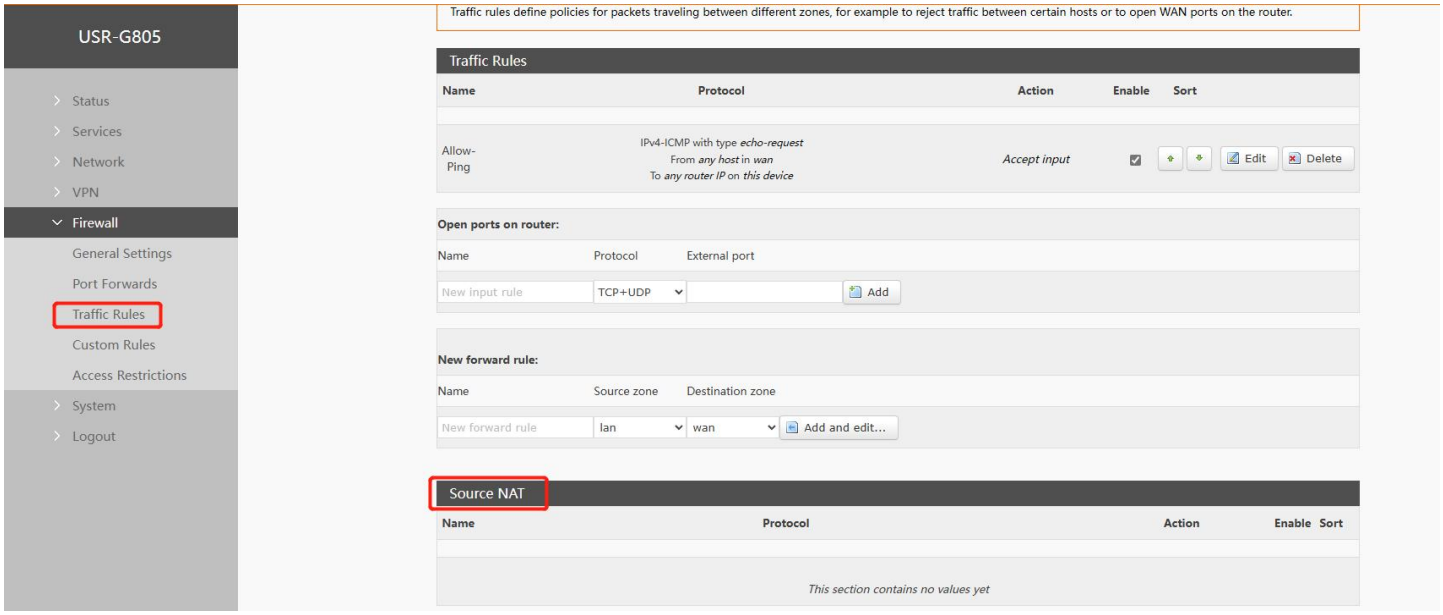


Figure 44. Add new forward rules

6.3.3. Source NAT

Source NAT (SNAT) is a form of masquerading used to change a packet's source address and/or port number to a static, user-defined value. SNAT is performed in the POSTROUTING chain, just before a packet leaves the device.

Up to 100 SNAT rules can be added.

Table 16. Brief parameters of Source NAT

Items	Description	Default
Name	The name of the rule， user defined.	None
Source zone	Matches traffic originated from the specified zone.	lan
Source zone	Matches traffic destined for the specified zone.	wan
To source IP	Matches traffic destined for the specified zone.	None
To source port	Matches traffic destined for the specified zone.	None

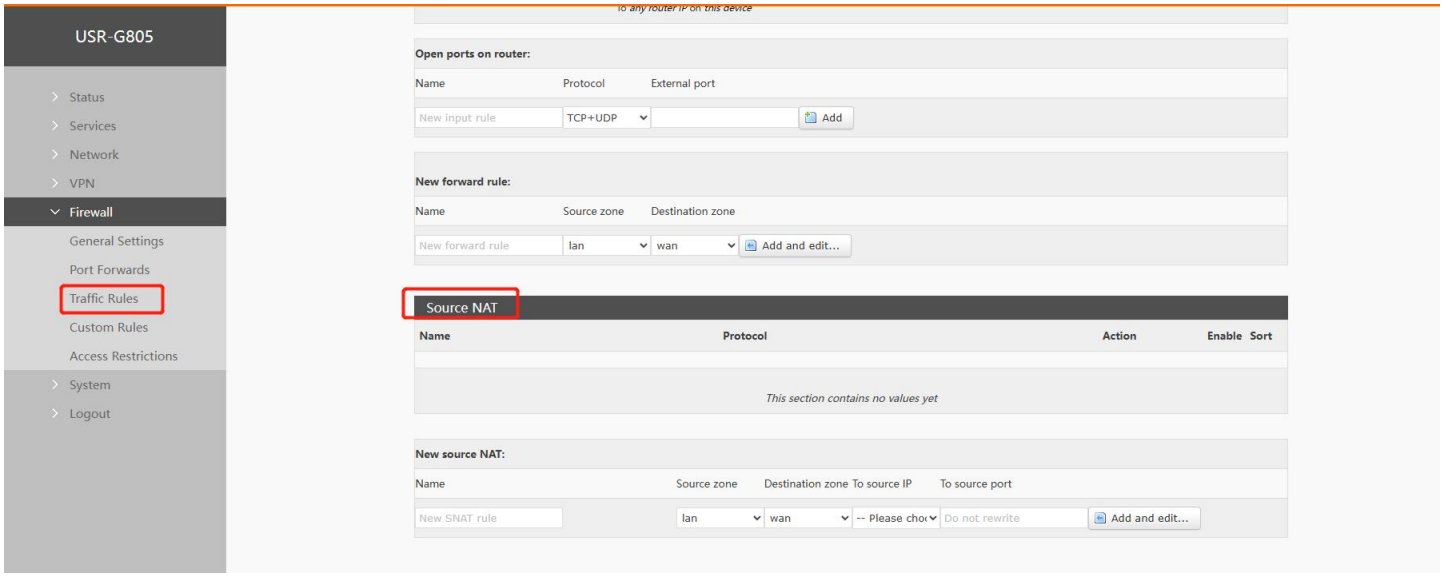


Figure 45. Settings of SourceNAT

Users need to fill in the basic information before clicking the "Add and edit" button, it will redirect you to the rule's configuration page.

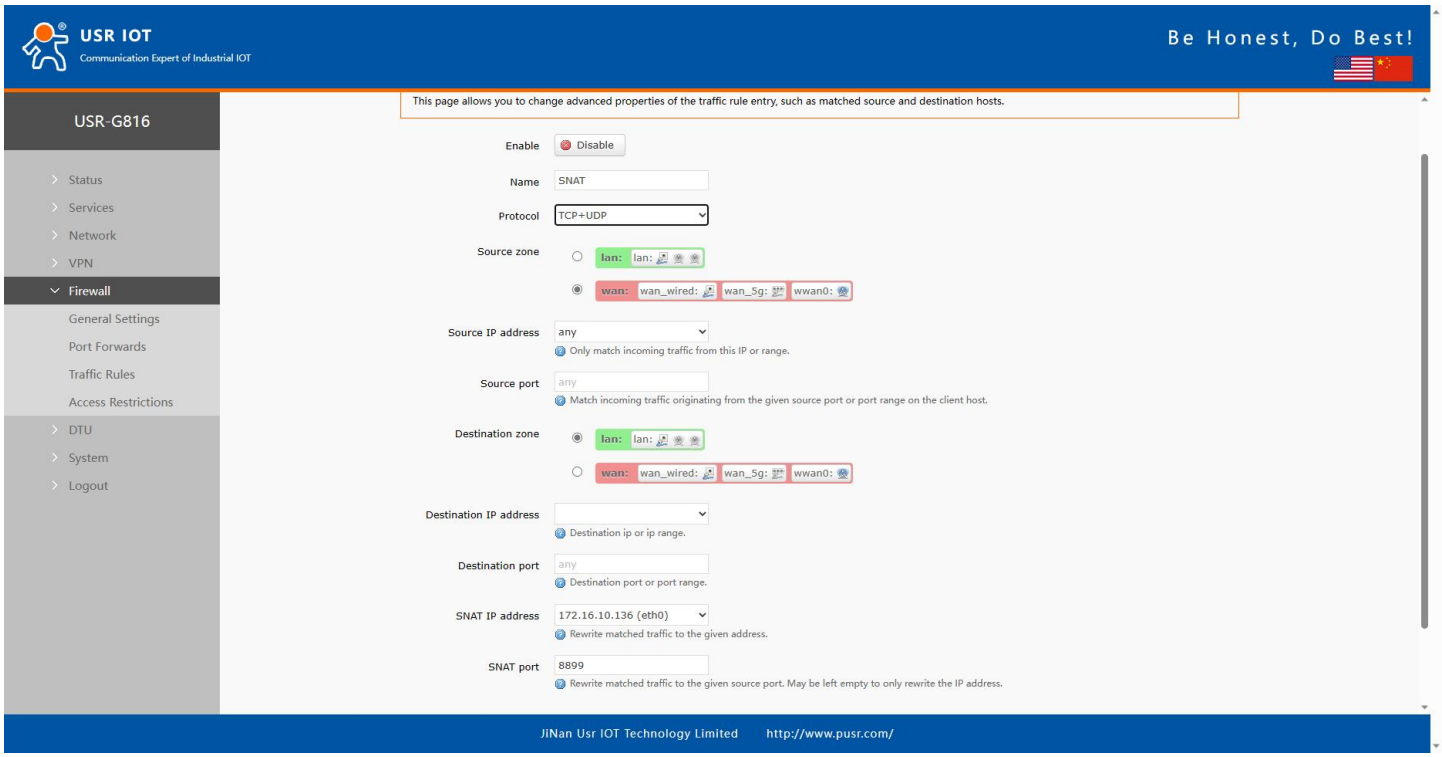


Figure 46. Detail settings of SourceNAT

Table 17. Parameter details of Source NAT

Items	Description	Default
Enable	Whether to turn on the rule.	Disable
Name	The name of the rule, user defined.	None

Protocol	Specifies to which protocols the rule should apply, including TCP+UDP, TCP, UDP, ICMP.	TCP+UDP
Source zone	Matches traffic originated from the specified zone.	LAN
Source IP	Mathes traffic originated from specified IP address or network segment.	any
Source port	Mathes traffic originated from specified port number.	None
Destination zone	Mathes traffic originated from specified port number.	wan
Destination IP	Matches traffic destined for the specified IP address or network segment.	None
Destination port	Matches traffic destined for the specified port number.	None
SNAT IP	Changes matched traffic packet source IP address to the value specified in this field.	None
SNAT port	Changes matched traffic packet source port number to the value specified in this field.	None

6.4. Access restrictions

Access restrictions implement access restrictions on specified domain names, and support blacklist and whitelist settings for domain name addresses. When blacklist is selected, devices connected to the router cannot access the blacklisted domain names, and other domain name addresses can be accessed normally. When the whitelist is selected, the devices connected to the router can only access the domain names in the white list, and other domain names cannot be accessed normally. Both the blacklist and the whitelist can be set with multiple entries, and this function is disabled by default.

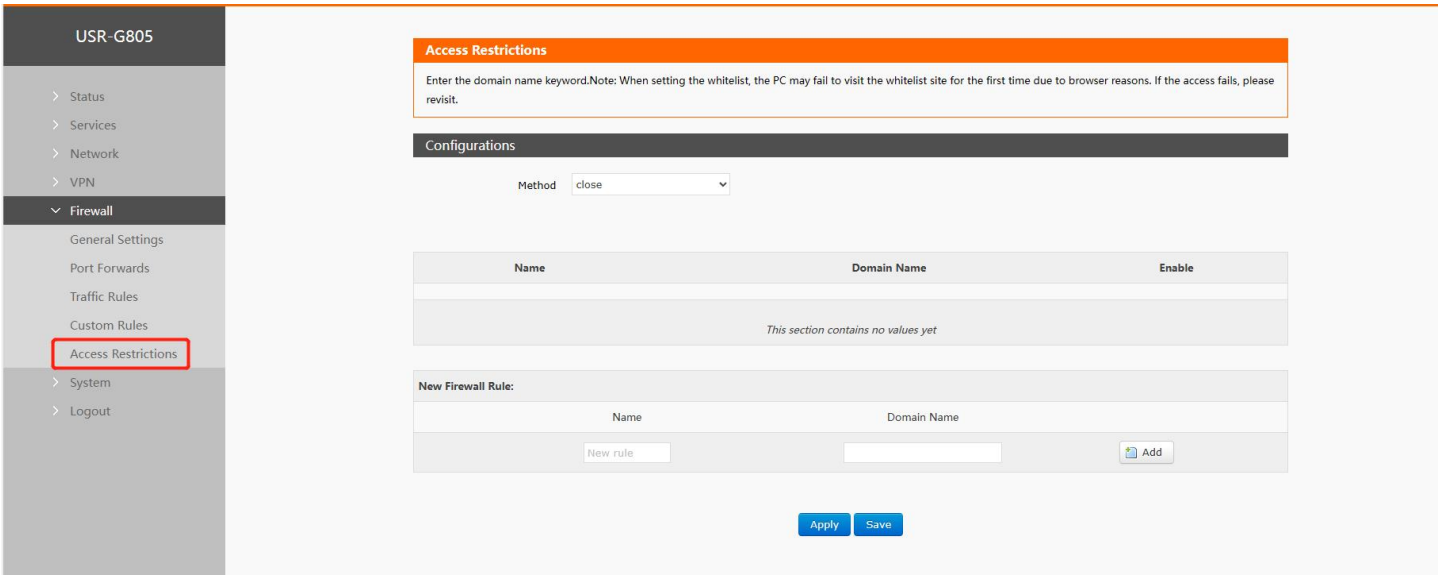


Figure 47. Access restrictions interface

6.4.1. Blacklist settings

First, select the blacklist, enter the name of the rule and the prohibited domain address, and then click Add, and the added rules will be displayed in the list. Click Apply and the rules take effect immediately. Devices connected to the router will not be able to access the domain address just added. If blacklist is selected but no rules are added, the default blacklist is empty, that is, all domain names can be accessed. As shown in the figure, except www.baidu.com and www.google.com, other domain names can be accessed normally.

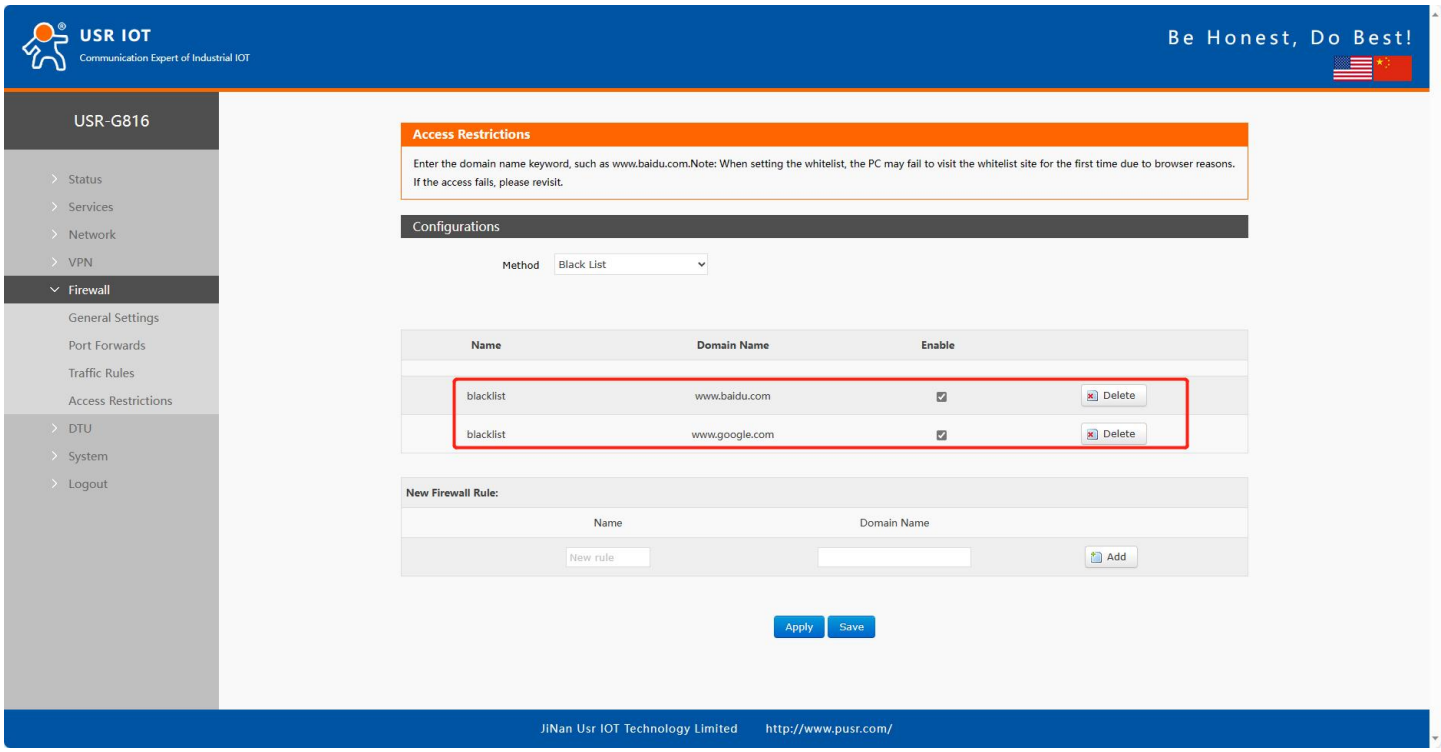


Figure 48. Add blacklist rules

6.4.2. Whitelist settings

Select the whitelist, enter the name of the rule and the domain address that is allowed to be accessed, and then click Add, and the added rules will be displayed in the list. Click Apply and the rules take effect immediately. Devices connected to the router will not be able to access the domain address except the ones in the rule. If you select the whitelist but do not add a rule, the default whitelist is empty, that is, all domain address cannot be accessed. As shown in the figure, the device can access Baidu.

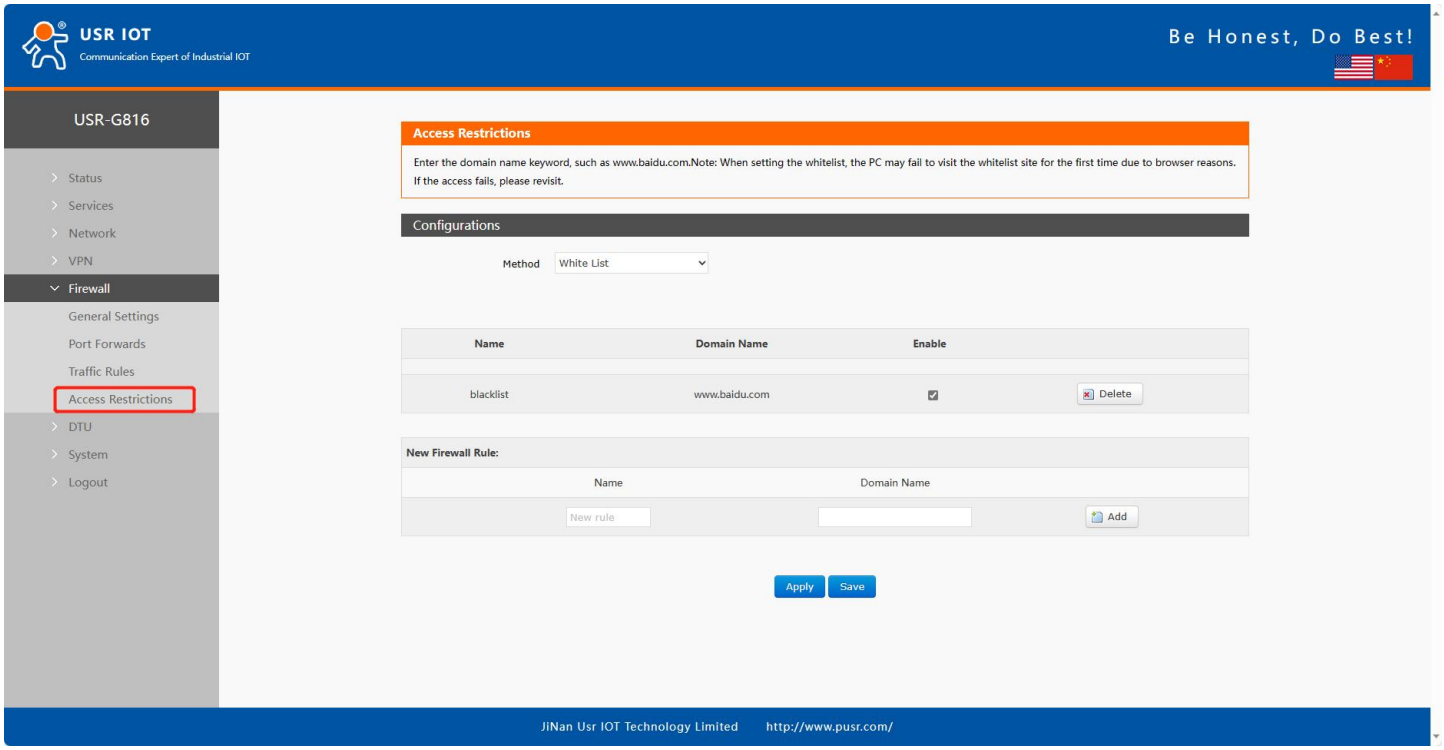


Figure 49. Add whitelist rules

7. Additional services

7.1. PUSR Cloud

7.1.1. Add USR-G805s on PUSR Cloud

PUSR platform login address: **https://mp.usriot.com/**.

On USR-G805s side, users need enable the PUSR cloud first.

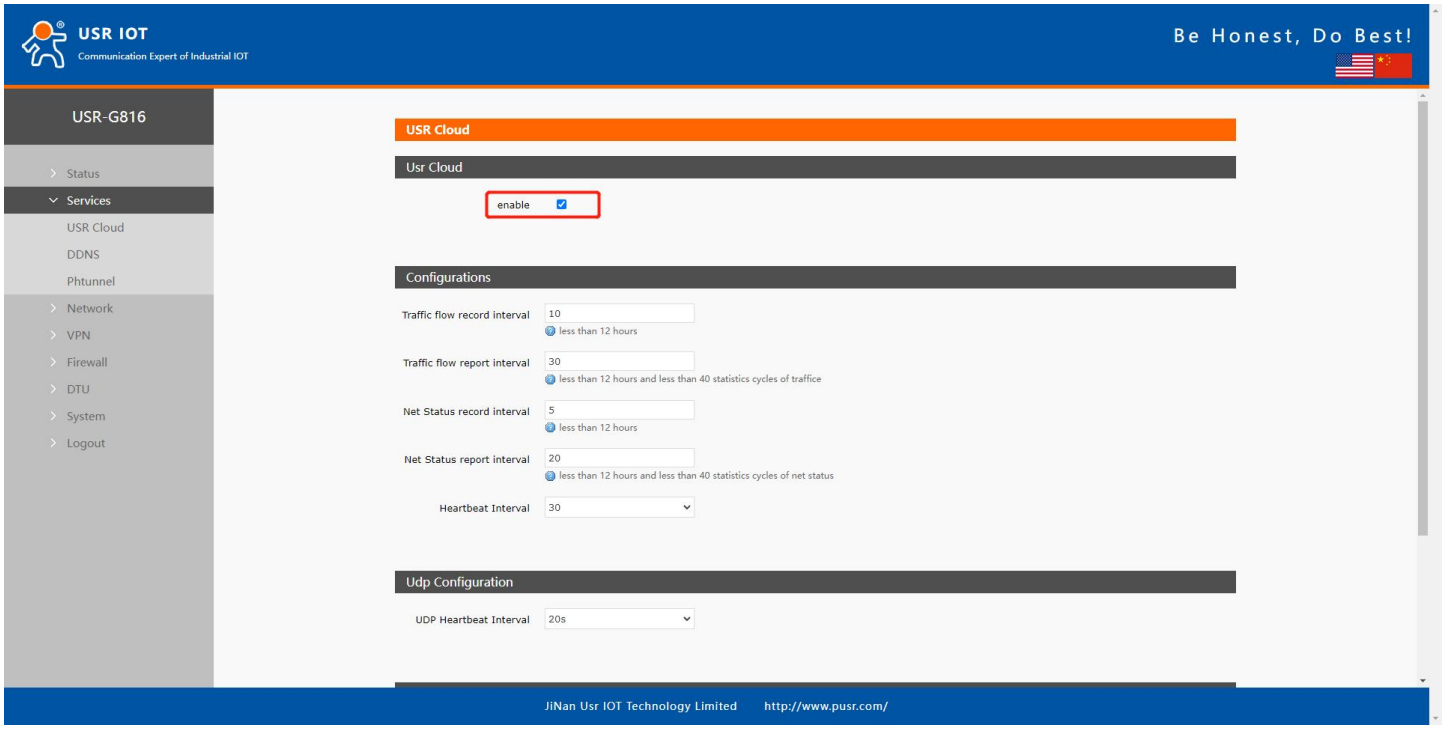


Figure 50. Enable the PUSR function of G805s

On PUSR cloud side, users can add USR-G805s on PUSR platform and monitor the status of USR-G805s.

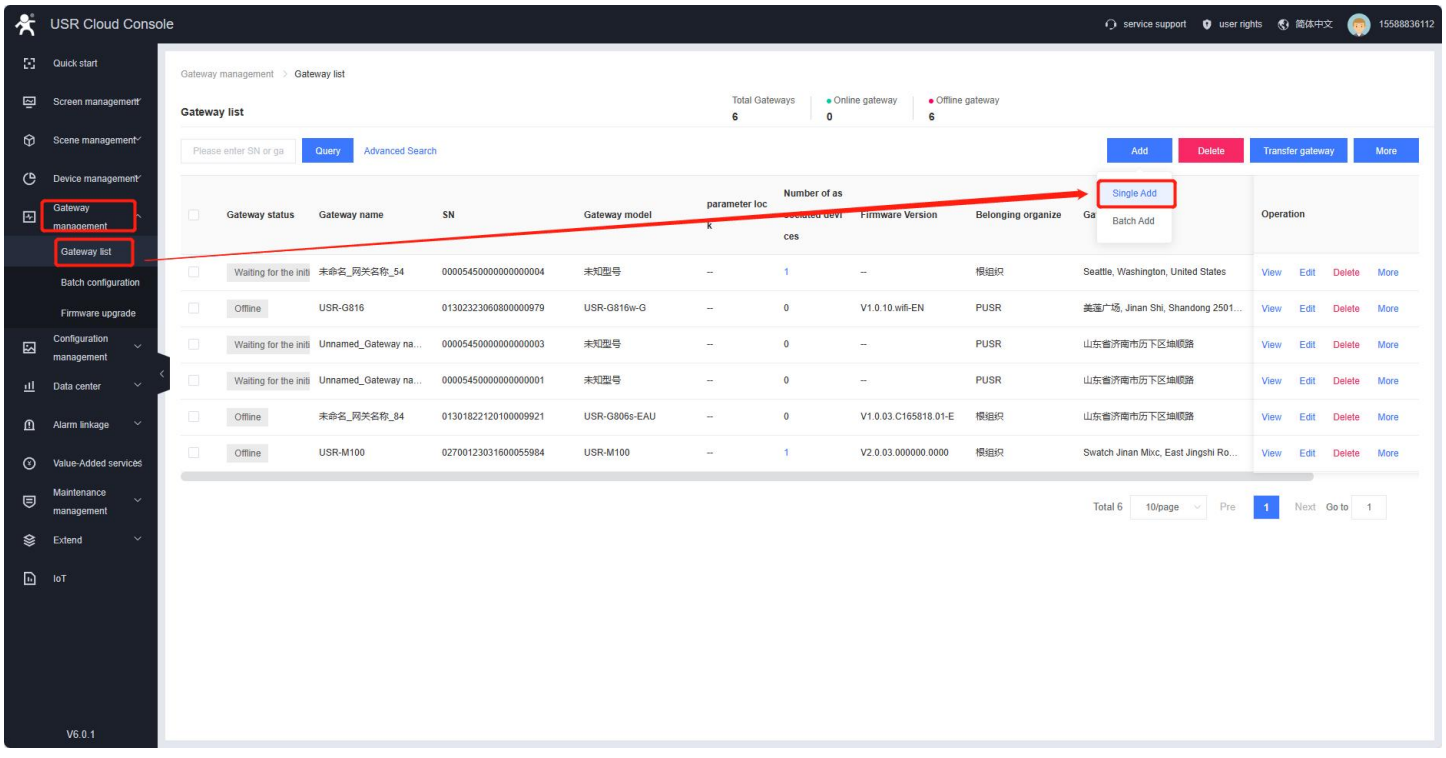


Figure 51. Add device on PUSR cloud

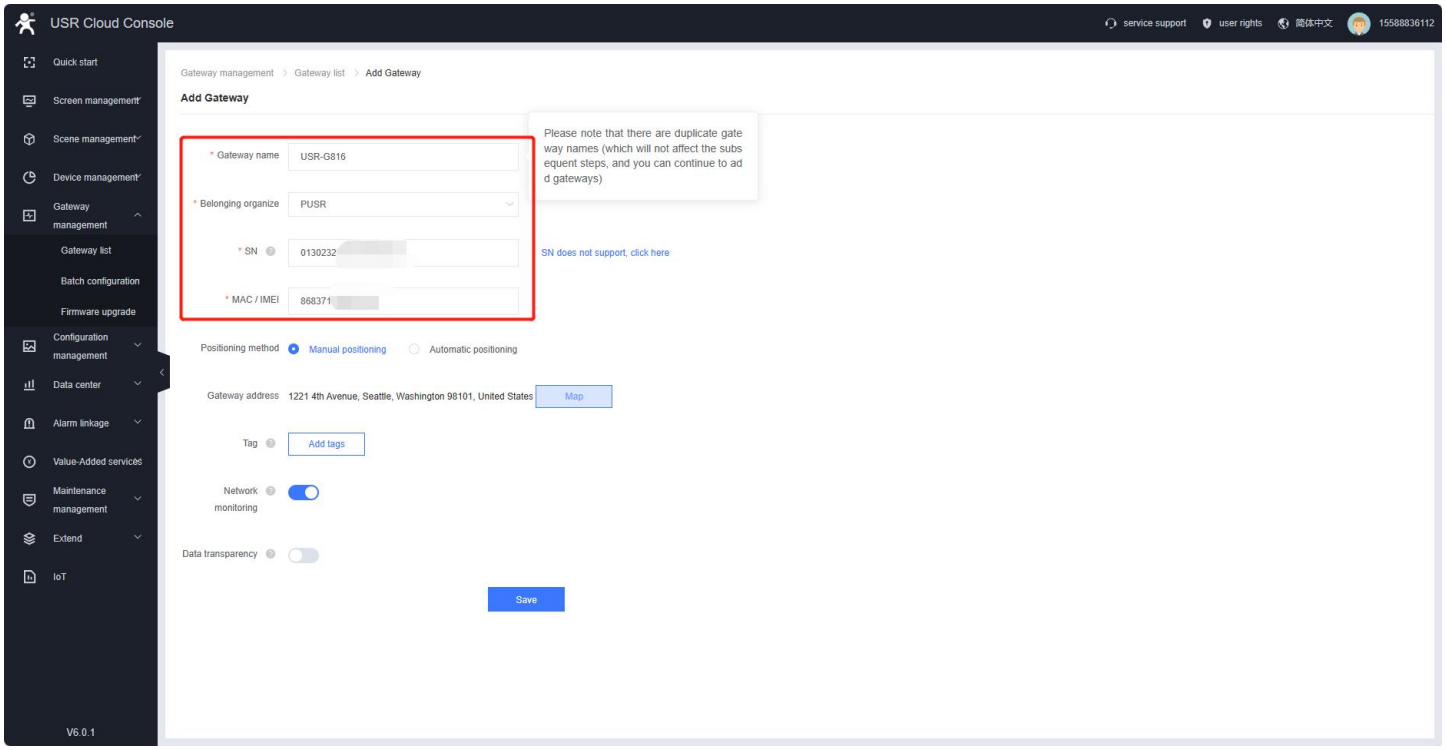


Figure 52. Enter the information of USR-G805s

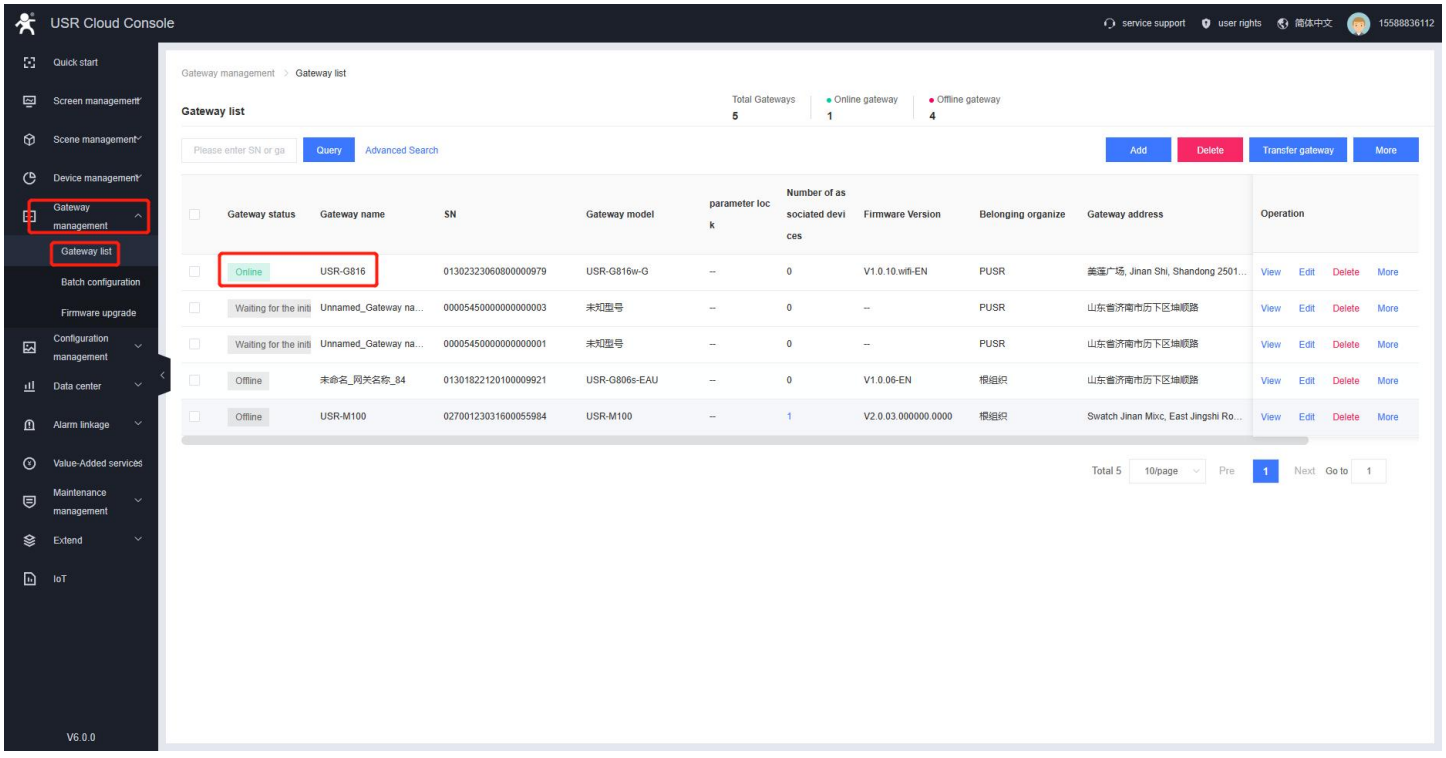


Figure 53. Online status

7.1.2. Gateway Information

Click “Gateway Name”, it will guide you to a new page showing the detail of the USR-G805s.

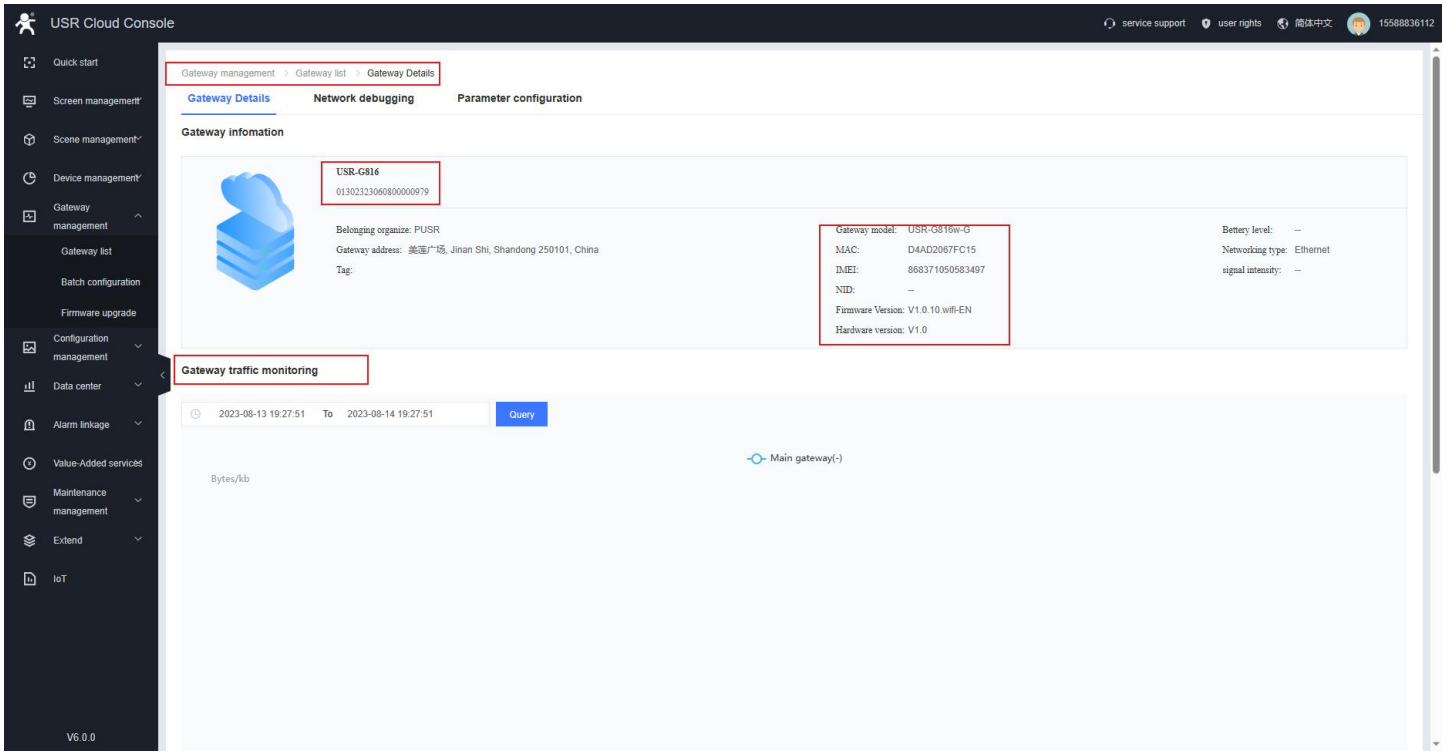


Figure 54. Check gateway information

Users can also send AT command to query parameters of USR-G805s

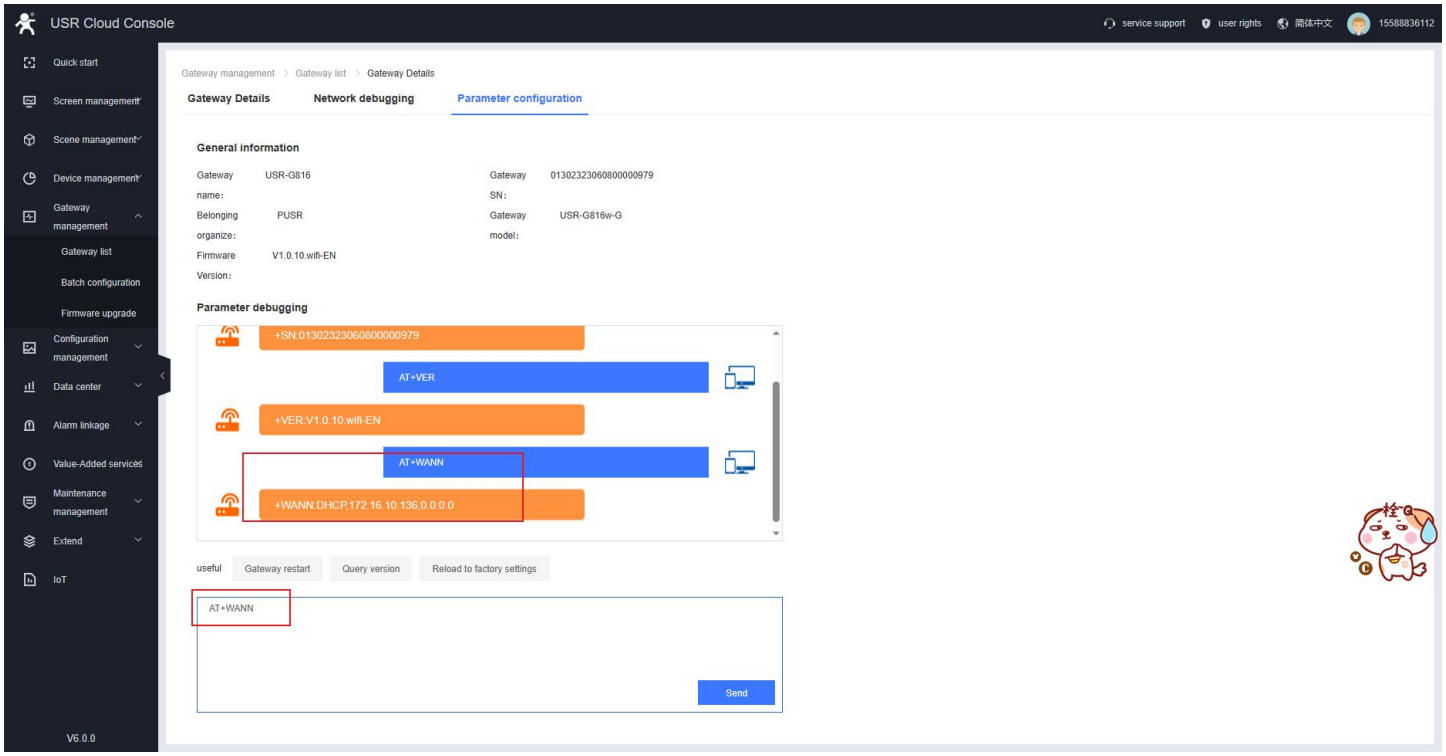


Figure 55. Parameters query and config

7.1.3. Remote access

After the USR-G805s is launched on the PUSR platform, you can remotely log in to the built-in webpage through

the PUSR platform to view and modify parameters.

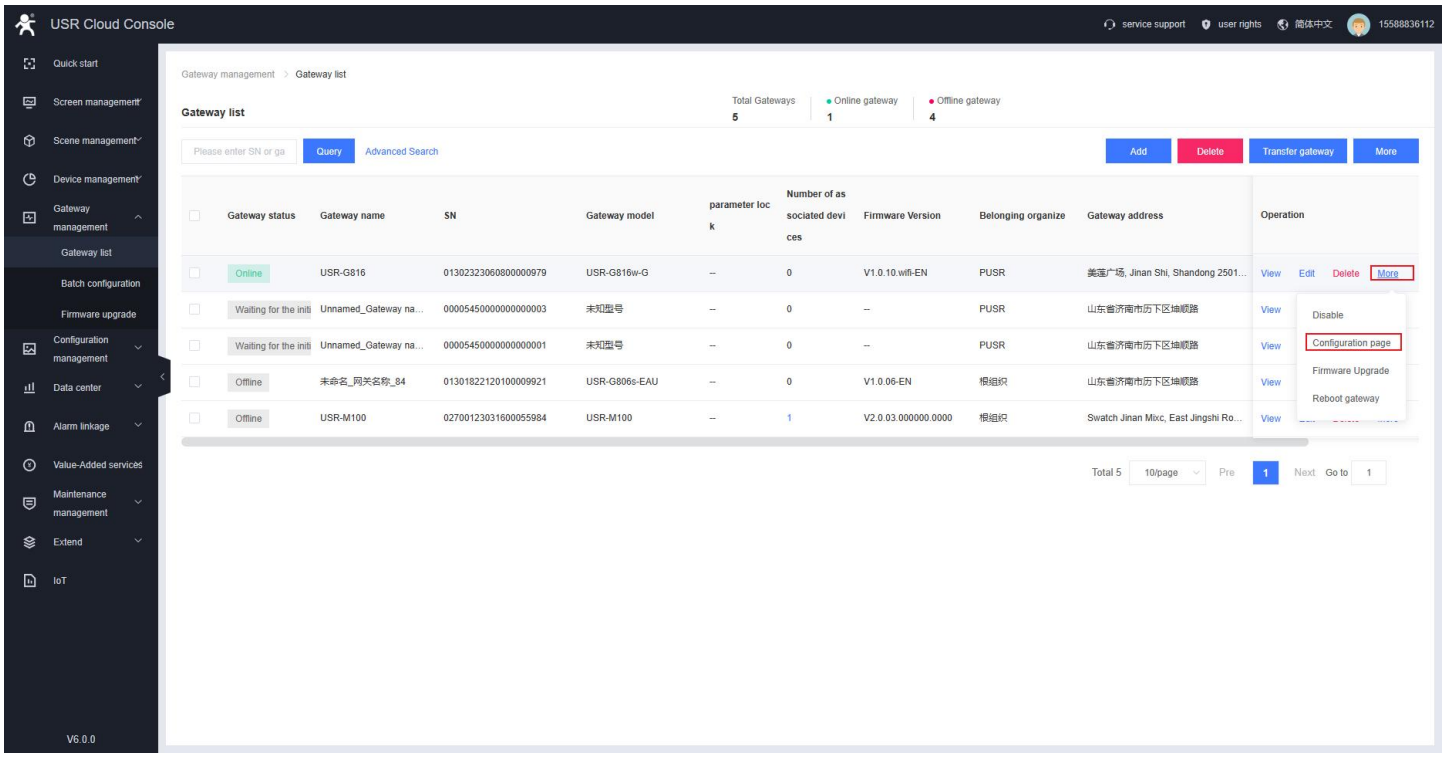


Figure 56. Login configuration page

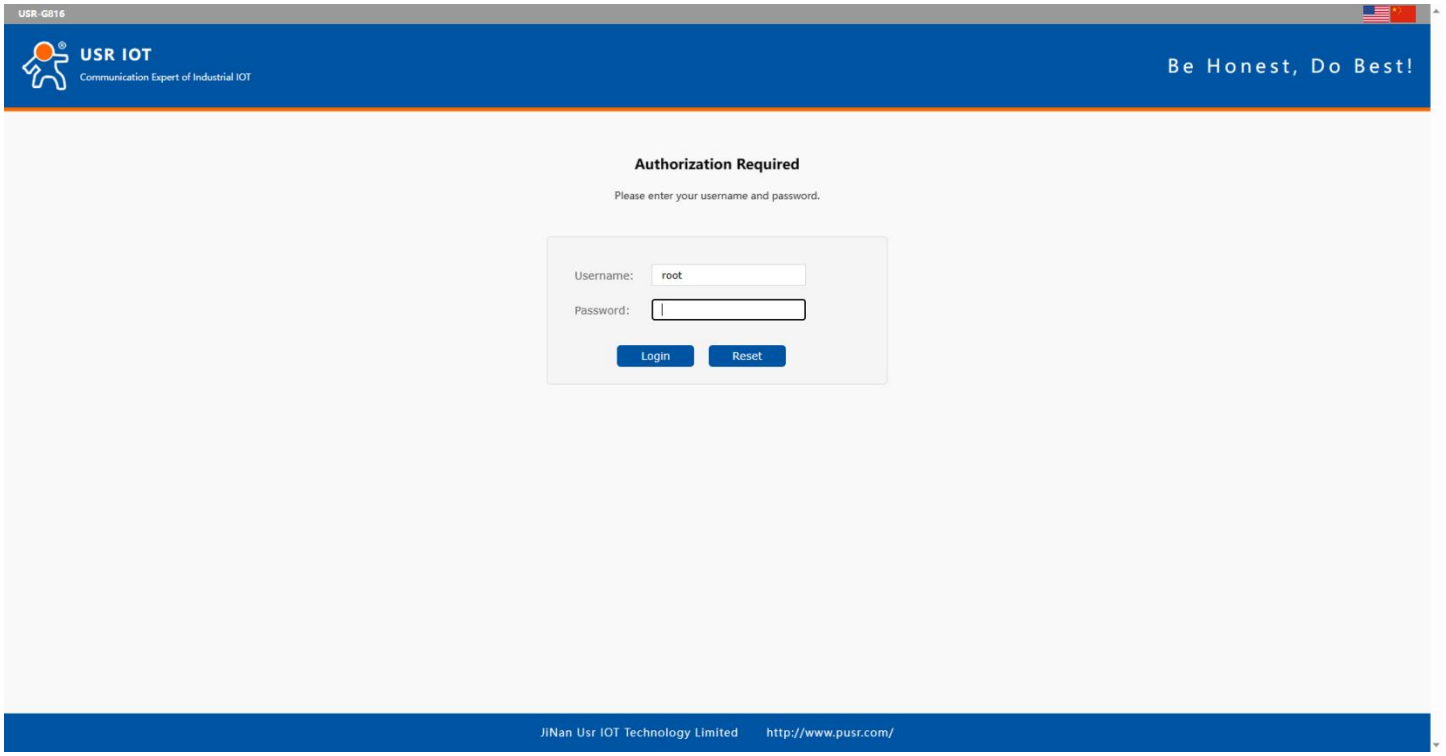


Figure 57. Login page

7.1.4. Firmware upgrade

Users can also upgrade firmware via PUSR platform.

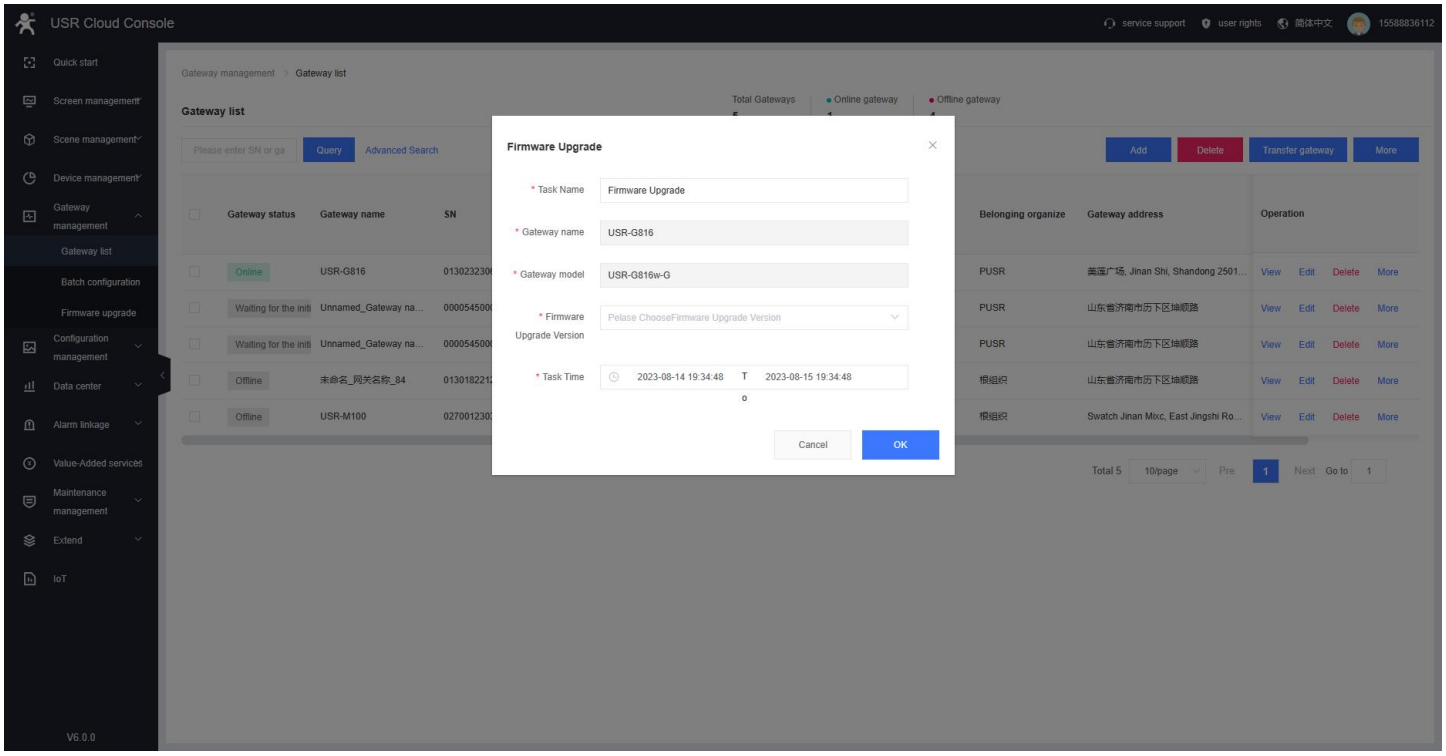


Figure 58. Firmware upgrade function

7.1.5. Alarm settings

➢Add alarm trigger type, for USR-G805s, we add "Gateway monitoring trigger".

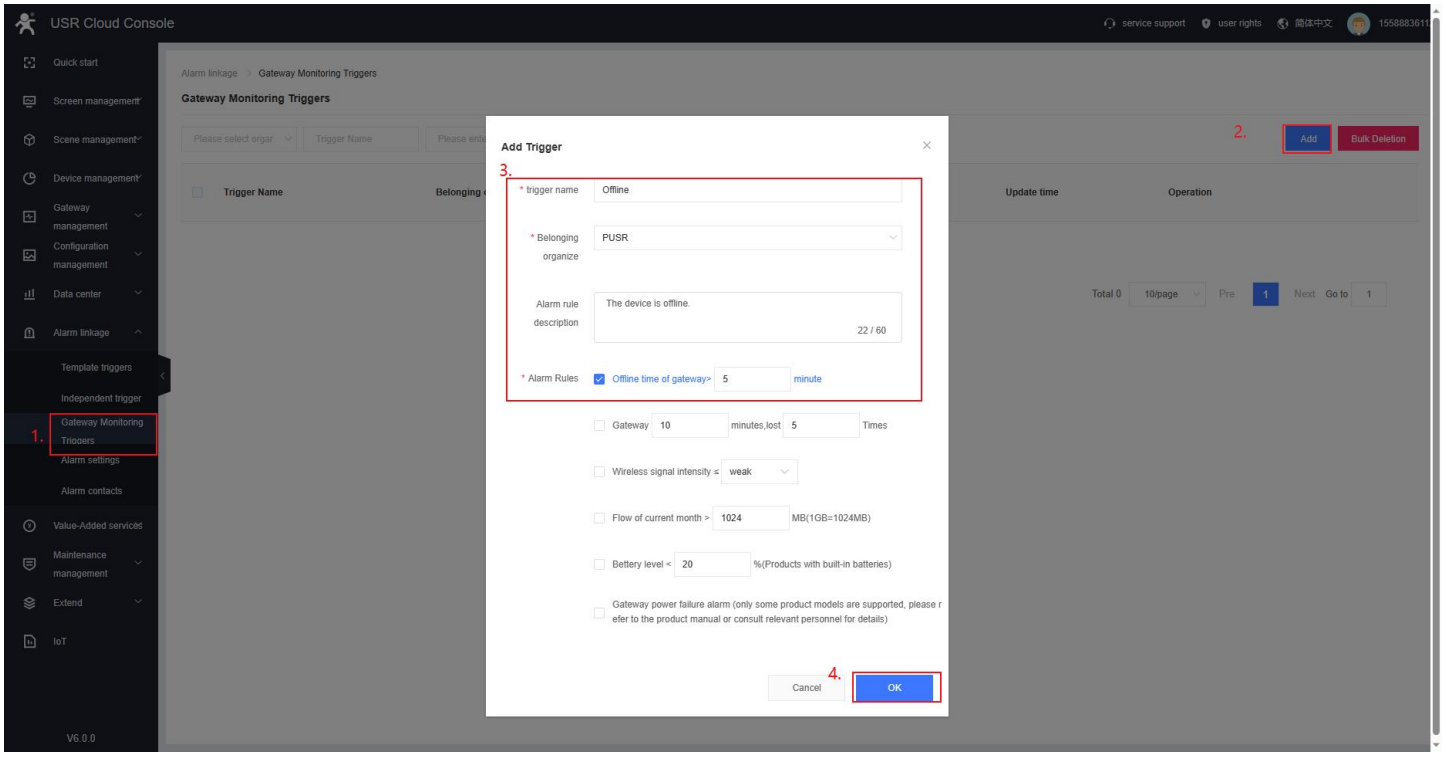


Figure 59. Add alarm trigger type

➢Add alarm contacts and verify email.

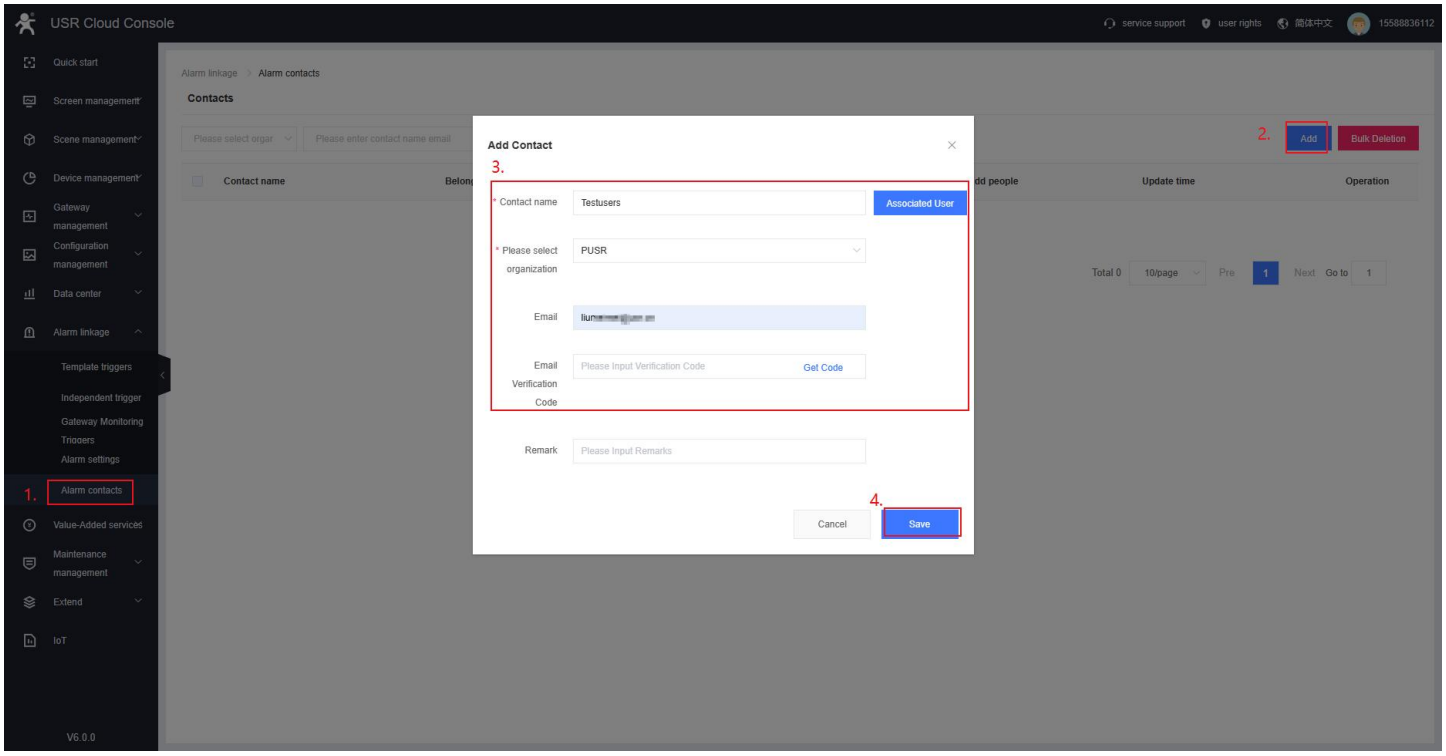


Figure 60. Add alarm contacts

➢Add alarm configuration

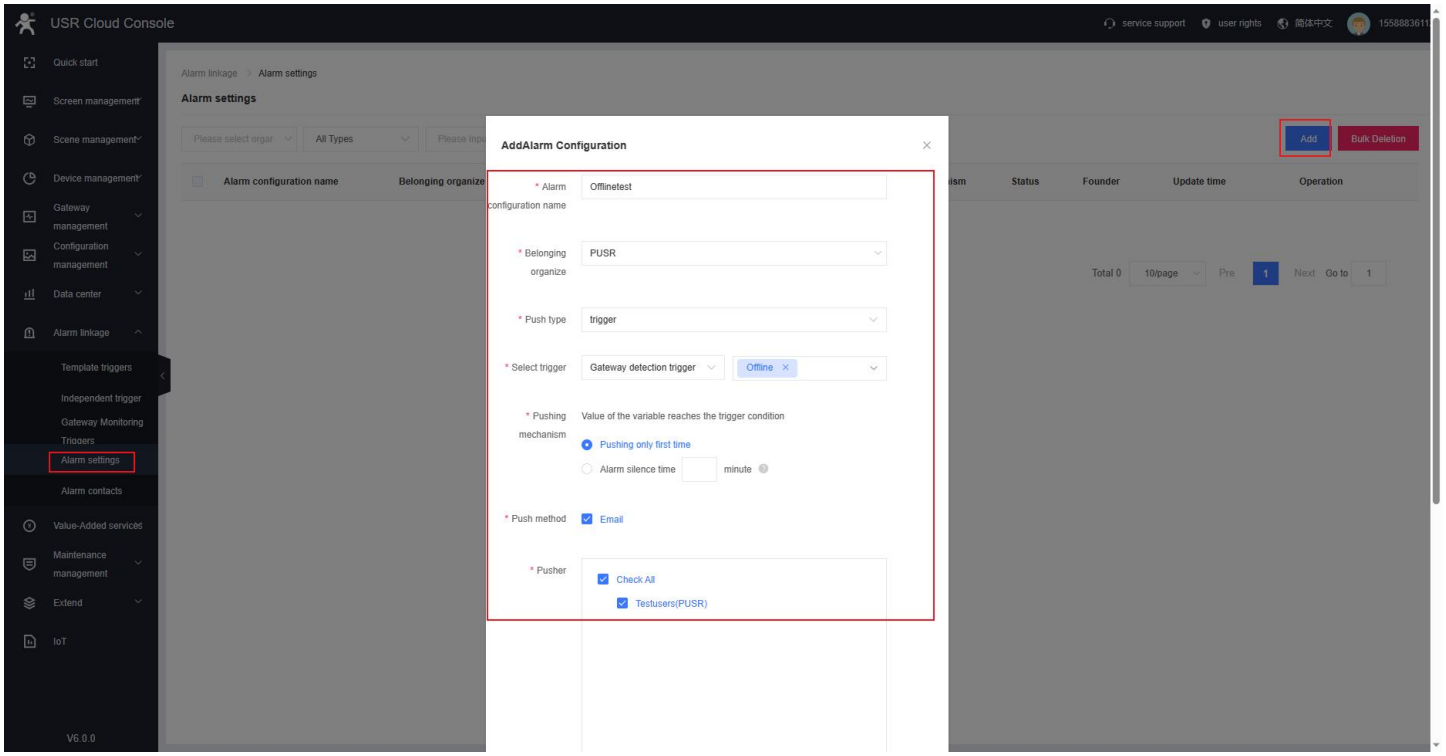


Figure 61. Add alarm configuration

➢Check the alarm email: Power off the USR-G805s

7.2. DDNS

It's disabled by default.

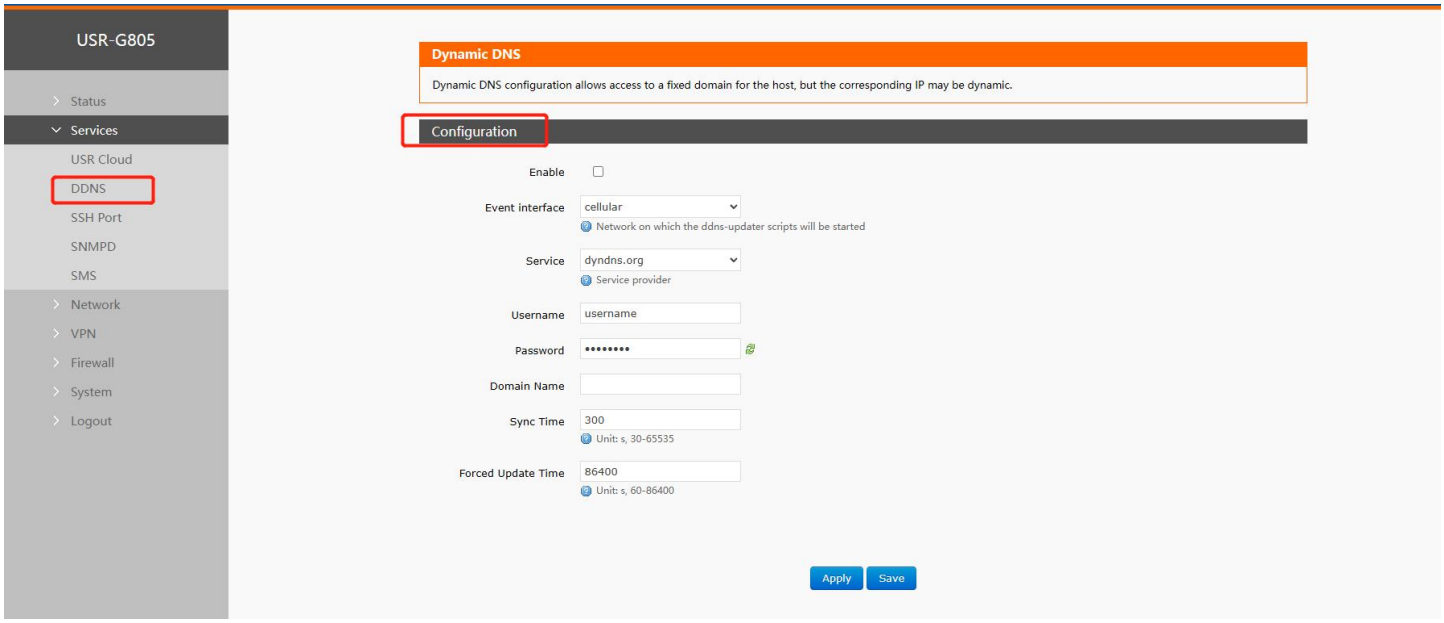


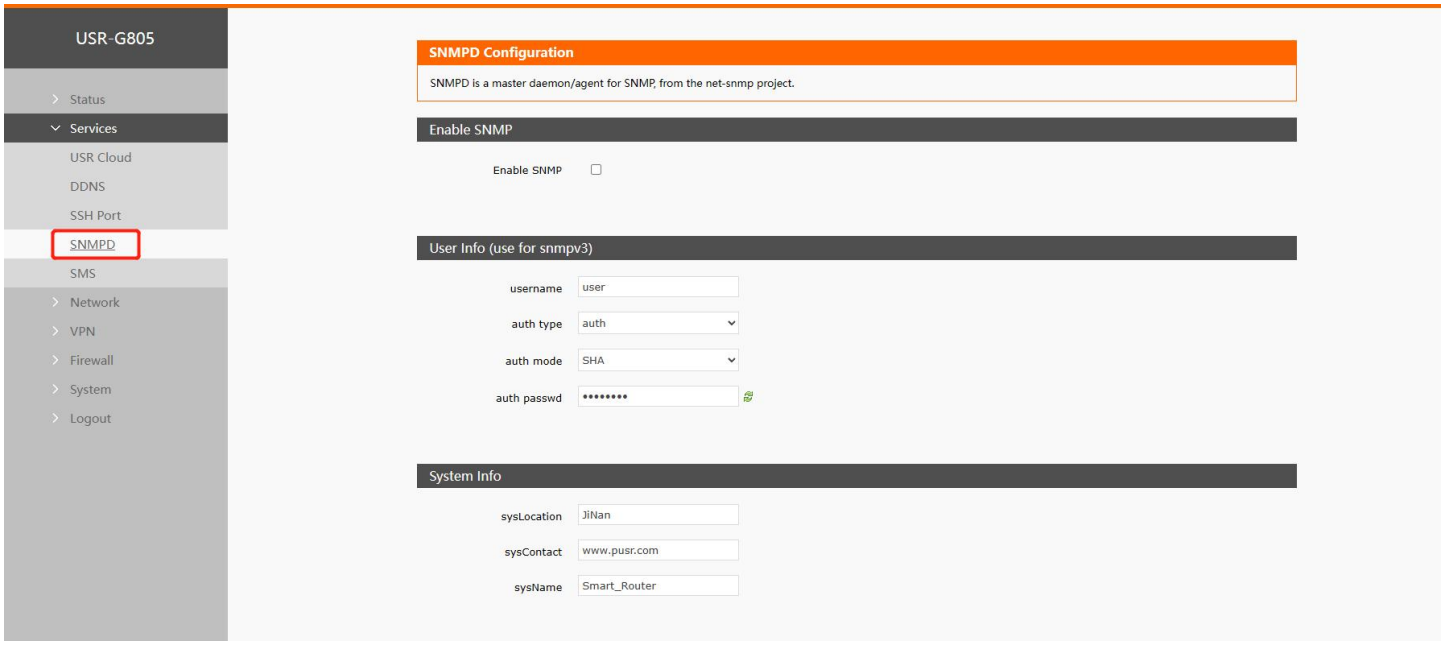
Figure 62. DDNS function

7.3. SSH function

This function is in developing.

7.4. SNMPD

The G805s supports the Simple Network Management Protocol (SNMP) service. You can use SNMP to remotely view device information and monitor device status without going to the site one by one. The device supports SNMP version V2C and V3.



Items	Description	Default
Enable SNMP	Whether to enable SNMP.	Disable
username	The name assigned to an SNMP user	user
auth type	Auth or auth-enc	auth
auth mode	SHA or MD5	SHA
auth passwd	The encryption password used as the encryption private key	authpass
sysLocation	The location of the device	JiNan
sysContact	The contact of USR-G805s	www.pusr.com
sysName	The system name of USR-G805s	Smart_Router

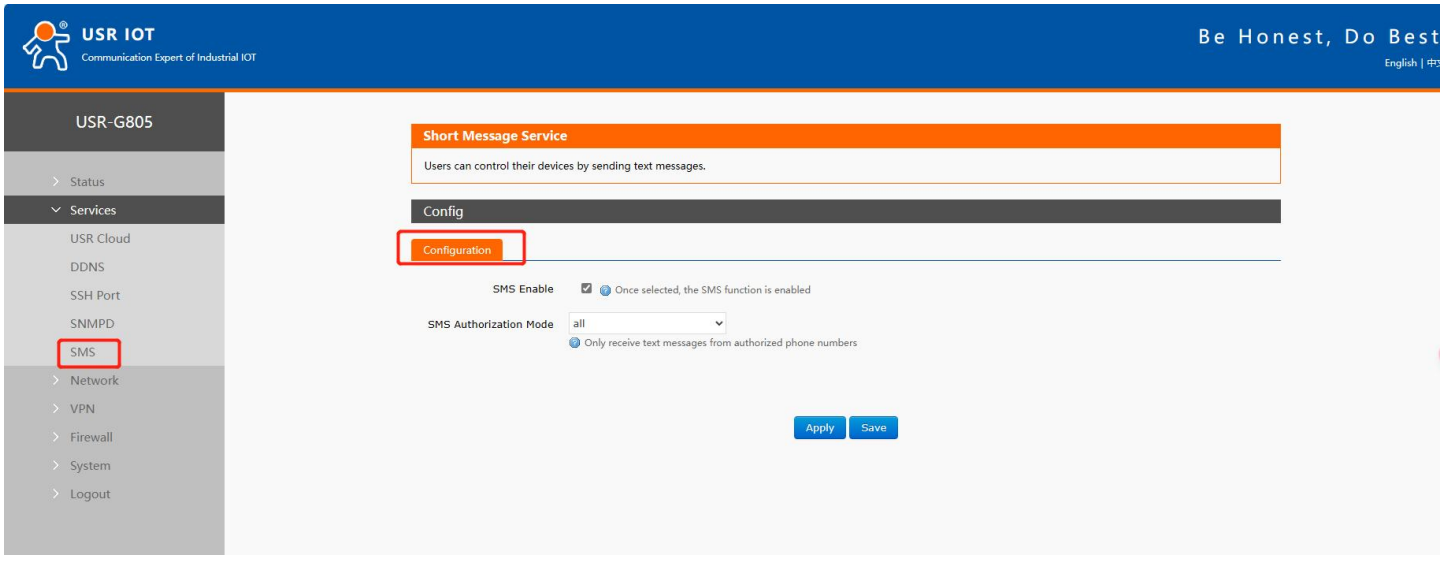
7.5. SMS

7.5.1. SMS AT function

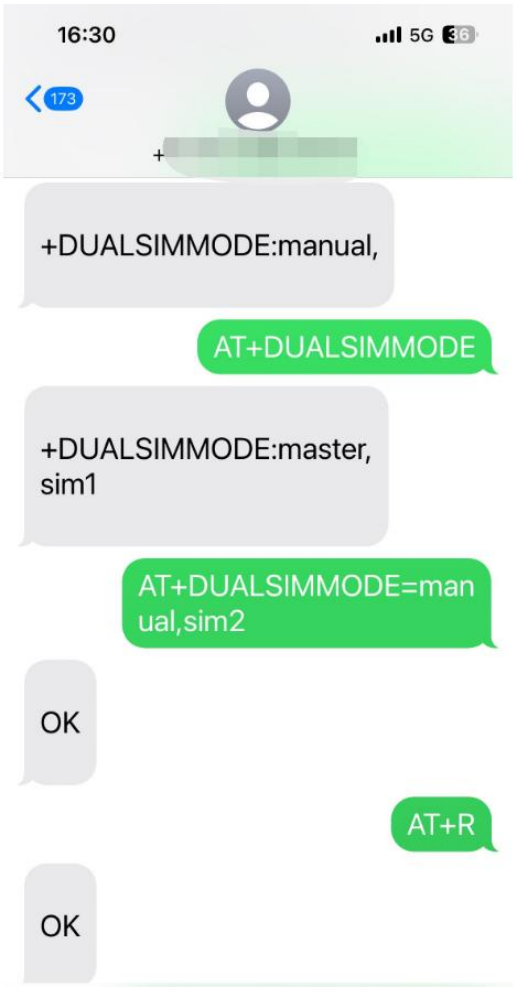
This router support SMS function. After enabling the function, users can send AT command from SMS to check and to set parameters of USR-G805s.

SMS Authorization Mode is all, the router can receive the SMS command from any phone number and do the action. Users can also set specific phone number, and the router just receive SMS command from authorized phone numbers, it supports add up to 5 phone numbers.

Note: When the user changes the SIM card by SMS command, special attention should be paid to ensure that the SIM card can be normally connected to the network. If the user switches to the SIM card that cannot be connected to the network after executing the SIM switching command, the device will not be able to be connected to the network, and it will no longer be able to query and set parameters through SMS command, thus losing contact with the device.

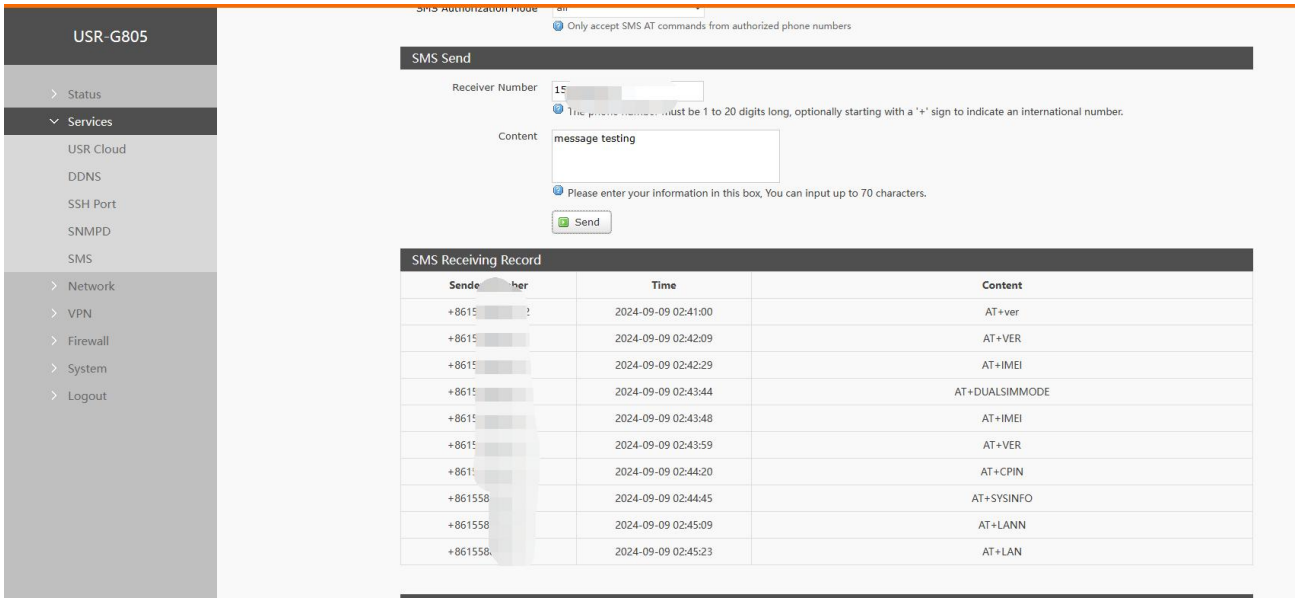


Query and set parameters of router.



7.5.2. SMS sending

This router support sending message to specified number, and can also record the sent message and received message content on the page, so users can check the



8. AT Command

8.1. AT command set

Number	Name	Function
1	AT	Test AT command available
2	AT+R	Restart the device
3	AT+CLEAR	Factory data reset
4	AT+VER	Query firmware version
5	AT+MAC	Query current device wan port MAC
6	AT+APN	Query or set 4G APN information
7	AT+SN	Query Device SN
8	AT+CSQ	Query Device 4G Signal Strength
9	AT+CPIN	Inquiry SIM card status
10	AT+IMEI	Query Equipment IMEI
11	AT+ICCID	Inquiry SIM ICCID
12	AT+MCCMNC	Inquiry SIM card CIMI
13	AT+SYSINFO	Query operator and network model
14	AT+CELLULAR	Query the network mode of the device (dedicated to cloud)
15	AT+NETMODE	Query resident network mode
16	AT+WEBU	SearchWebLogin User Name Password
17	AT+PLANG	Query web landing language
18	AT+UPTIME	Query system runtime
19	AT+WANINFO	Query WAN network card information
20	AT+DIALINFO	Query 4G network card information
21	AT+LANINFO	Query LAN card information

22	AT+WANN	Query WAN Port Configuration
23	AT+LANN	Query LAN port configuration
24	AT+LAN	Query/Set LAN Port Configuration
25	AT+PING	Execute ping command
26	AT+NETSTATUS	Query default routing using NIC
27	AT+ALYSIMSWITCH	Query/Switch Operators
28	AT+DUALSIMMODE	Query/set the switch mode and active SIM card

8.2. Description of AT command

8.2.1. AT

name	AT
function	Test AT command
inquire	AT OK
set	not have
parameter	Return: OK
explain	The command takes effect immediately, and returning OK means that the AT command is OK.

8.2.2. AT+R

name	AT+R
function	restart the device
inquire	not have
set	AT+R OK
parameter	not have
explain	The command is executed correctly, OK is replied and the device restarts

8.2.3. AT+CLEAR

name	AT+CLEAR
function	factory data reset
inquire	not have
set	AT+CLEAR
parameter	not have
explain	This command is executed correctly and the device is factory restarted without recovery.

8.2.4. AT+VER

name	AT+VER
function	Query device software version number

inquire	AT+VER +VER:<ver>
set	not have
parameter	ver: Current software version number
explain	This command executes correctly and returns the current software version number.

8.2.5. AT+MAC

name	AT+MAC
function	Query WAN port MAC
inquire	AT+MAC +MAC:<mac>
set	not have
parameter	mac:WAN port MAC
explain	

8.2.6. AT+APN

name	AT+APN
function	Query or setAPNinformation
inquire	AT+APN +APN:<apn_name>,<user>,<pw>,<type>
set	AT+APN=<apn_name>,<user>,<pw>,<type> OK
parameter	apn_name: apn address, can be empty. [0-62] field,support character range [a-zA-Z0-9-.#@] user: username, can be empty [0-62] bytes, ASCII characters within [33-126] pw: password, can be empty [0-62] bytes, ASCII characters within [33-126] type: authentication mode, none/pap/chap
explain	This command is executed correctly, and the configuration takes effect after the device is restarted.

8.2.7. AT+SN

name	AT+SN
function	Query device SN information
inquire	AT+SN +SN:<sn>
set	not have
parameter	sn:20 bit sn code
explain	

8.2.8. AT+CSQ

name	AT+CSQ
function	Query Device 4G Signal Strength
inquire	AT+CSQ +CSQ:<csq>
set	not have
parameter	csq: cellular signal value
explain	not have

8.2.9. AT+CPIN

name	AT+CPIN
function	Query SIM card status
inquire	AT+CPIN +CPIN:<cpin>
set	not have
parameter	cpin:SIM card status value
explain	

8.2.10. AT+IMEI

name	AT+IMEI
function	Query Equipment IMEI
inquire	AT+IMEI +IMEI:<imei>
set	not have
parameter	imei: Equipment IMEI number
explain	

8.2.11. AT+ICCID

name	AT+ICCID
function	Inquiry SIM ICCID
inquire	AT+ICCID +ICCID:<iccid>
set	not have
parameter	ICCID:SIM card ICCID number
explain	

8.2.12. AT+MCCMNC

name	AT+MCCMNC
function	Inquiry SIM card CIMI
inquire	AT+MCCMNC +MCCMNC:<cimi>
set	not have
parameter	cimi:SIM card cimi number

explain	

8.2.13. AT+SYSINFO

name	AT+SYSINFO
function	Query SYSINFO information
inquire	AT+SYSINFO +SYSINFO:<ops_operate>,<ops_net_type>
set	not have
parameter	ops_operate: operator information ops_net_type: network mode
explain	

8.2.14. AT+CELLULAR

name	AT+CELLULAR
function	Query resident network mode
inquire	AT+CELLULAR +CELLULAR:<ops_net_type>
set	not have
parameter	ops_net_type: network mode
explain	

8.2.15. AT+NETMODE

name	AT+NETMODE
function	Query resident network mode
inquire	AT+NETMODE +NETMODE:<type>
set	not have
parameter	type: cellular network standard
explain	

8.2.16. AT+WEBU

name	AT+WEBU
function	LoginUser name Password
inquire	AT+WEBU +WEBU:<user>,<pw>
set	not have
parameter	User:Web login User name pw:web login password
explain	

8.2.17. AT+PLANG

name	AT+PLANG

function	Query web landing language
inquire	AT+PLANG +PLANG:<plang>
set	AT+PLANG=<pl ang> OK
parameter	plang:zh_cn/en zn_cn: Chinese en: English
explain	

8.2.18. AT+UPTIME

name	AT+UPTIME
function	Query system runtime
inquire	AT+UPTIME +UPTIME:<time>
set	not have
parameter	time
explain	

8.2.19. AT+WANINFO

name	AT+WANINFO
function	Query WAN network card information
inquire	AT+WANINFO +WANINFO:<mac>|<ip>|<mask>|<rx_packets>|<tr_packets ><rx_ bytes>|<tx_bytes>
set	not have
parameter	mac: wan mac
	ip:wan IP card mask:wansubnet maskrx_packets: number of packets received tr_packets: number of packetssent rx_bytes: received traffic tx_bytes: send traffic
explain	

8.2.20. AT+DIALINFO

name	AT+DIALINFO
function	Query 4G network card information
inquire	AT+DIALINFO +DIALINFO:<mac>|<ip>|<mask>|<rx_packets>|<tr_packets>|<rx_b ytes>|<tx_bytes>
set	not have
parameter	Mac:4G MAC ip:4G IP card mask:4GNIC subnet maskrx_ packets: number of packets received tr_packets: number of packets sent rx_bytes: receive traffic tx_bytes: send traffic
explain	

8.2.21. AT+LANINFO

name	AT+LANINFO
function	Query LAN card information
inquire	AT+LANINFO +LANINFO:<mac>|<ip>|<mask>|<rx_packets>|<tr_packets>|<rx_b ytes>|<tx_bytes>
set	not have
parameter	mac:LAN card mac ip:LAN card IP mask:LAN card subnet mask rx_packets: Number of packets received tr_packets: Number of packets sent rx_bytes: receive traffic tx_bytes: send traffic Note: If VLAN is configured, this command returns LAN information
explain	

8.2.22. AT+WANN

name	AT+WANN
function	Query WAN Port Configuration
inquire	AT+WANN +WANN:<type>,<ip>,<mask>,<gateway>
set	not have
parameter	type:WANport protocol typeip:WANIP mask:WAN subnet mask gateway:WAN gateway
explain	

8.2.23. AT+LANN

name	AT+LANN
function	Query LAN port configuration
inquire	AT+LANN +LANN:<ip>,<mask>
set	not have
parameter	ip:LAN IP mask:LAN subnet mask Note: If VLAN is configured, this command returns LAN information
explain	

8.2.24. AT+LAN

name	AT+LAN
function	Query/Set LAN Port Configuration
inquire	AT+LAN +LAN:<ip>,<mask>
set	AT+LAN=<ip>,<mask>
parameter	ip:LAN IP Standard IP address format x.x x:[0-255] mask:LAN subnet mask x.x.x.x x:[0-255] conforms to subnet mask standard format Note: If VLAN is configured, this command returns LAN information
explain	

8.2.25. AT+PING

name	AT+PING

function	Execute ping command
inquire	not have
set	AT+PING=<ip> PING IP(IP): 56 data bytes
parameter	ip:IP or domain name, cannot be null, invalidpingparameter,e.g. -c1 invalid Limitations [1-200) Note: Parameters can only be associated with IP or domain names
explain	

8.2.26. AT+NETSTATUS

name	AT+NETSTATUS
function	Query default routing using NIC
inquire	AT+NETSTATUS +NETSTATUS:<net>
set	not have
parameter	net: Internet card status at this time
explain	

8.2.27. AT+ALYSIMSWITCH

name	AT+ALYSIMSWITCH
function	Query/Switch Operators
inquire	Send:AT+ ALYSIMSWITCH[= Carrier Type>] Return to: stat>
set	not have
parameter	Carrier type: CMCC/CUCC/CTCC CMCC: Mobile CUCC: Unicom CTCC: Telecom state:OK/+NONE Return OK means successful setting and start switching (does not mean successful switching)
explain	If you do not use Cloud Eagle Card, please do not send this command.

8.2.28. AT+DUALSIMMODE

name	AT+DUALSIMMODE
function	Query/set the switch mode and active SIM card
inquire	Send:AT+ DUALSIMMODE Return to: +DUALSIMMODE:<dualsim_mode>[,<sim_fixed>]

set	AT+DUALSIMMODE=<dualsim_mode>[,<sim_fixed>] OK
parameter	dualsim_mode: Master:Master standby mode Mutual:Mutual standby mode Manual: Manual mode sim_fixed: sim1: sim1 is active sim2: sim2 is active
explain	

9. Contact Us

Jinan USR IOT Technology Limited

Address : Floor 12 and 13, CEIBS Alumni Industrial Building, No. 3 Road of Maolingshan, Lixia District, Jinan, Shandong, China

Official website: https://www.pusr.com

Official shop: https://shop.usriot.com

Technical support: http://h.usriot.com/

Email : sales@usriot.com

Tel : +86-531-88826739

Fax : +86-531-88826739-808

10. Disclaimer

The information in this document provided in connection with Jinan USR IoT technology ltd. and/or its affiliates' products. No license, express or implied, by estoppel or otherwise, to any intellectual property right is granted by this document or in connection with the sale of USR IoT products. EXCEPT AS SET FORTH IN THE TERMS AND CONDITIONS AS SPECIFIED IN THE LICENSE AGREEMENT FOR THIS PRODUCT, USR IoT AND/OR ITS AFFILIATES ASSUME NO LIABILITY WHATSOEVER AND DISCLAIMS ANY EXPRESS, IMPLIED OR STATUTORY WARRANTY RELATING TO ITS PRODUCTS INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. IN NO EVENT SHALL USR IoT AND/OR ITS AFFILIATES BE LIABLE FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL OR INCIDENTAL DAMAGES (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION OR LOSS OF INFORMATION) ARISING OUT OF THE USE OR INABILITY TO USE THIS DOCUMENT, EVEN IF USR IoT AND/OR ITS AFFILIATES HAVE BEEN ADVISED OF

THE POSSIBILITY OF SUCH DAMAGES. USR IoT and/or its affiliates make no representations or warranties with respect to the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time without notice. USR IoT and/or its affiliates do not make any commitment to update the information contained in this document.

Your Trustworthy Smart IOT Partner

PUSR®
www.pusr.com

Official Website: www.pusr.com

Official Shop: shop.usriot.com

Technical Support: h.usriot.com

Inquiry Email: inquiry@usriot.com

Skype & WhatsApp: +86 13405313834

关注有人微信公众号　登录商城快速下单

Click to view more: Product Catalog & Facebook & Youtube