S9922L SERIES LTE ROUTER

APN AND CONNECTION SETTINGS

BEFORE TO START :

- Device user information:
  IP: http://192.168.1.1
- Username   : admin
  Password   : admin

1) APN AND CONNECTION CONFIGURATION

To make sure that the SIM card you get from the operator is connected to the internet, it is useful to test that you can connect to a smartphone or tablet and provide an internet connection before inserting the Ricon S9922L series into a device.

Steps to be followed to make the APN settings defined for the SIM card to be used in S9922L series LTE routers:
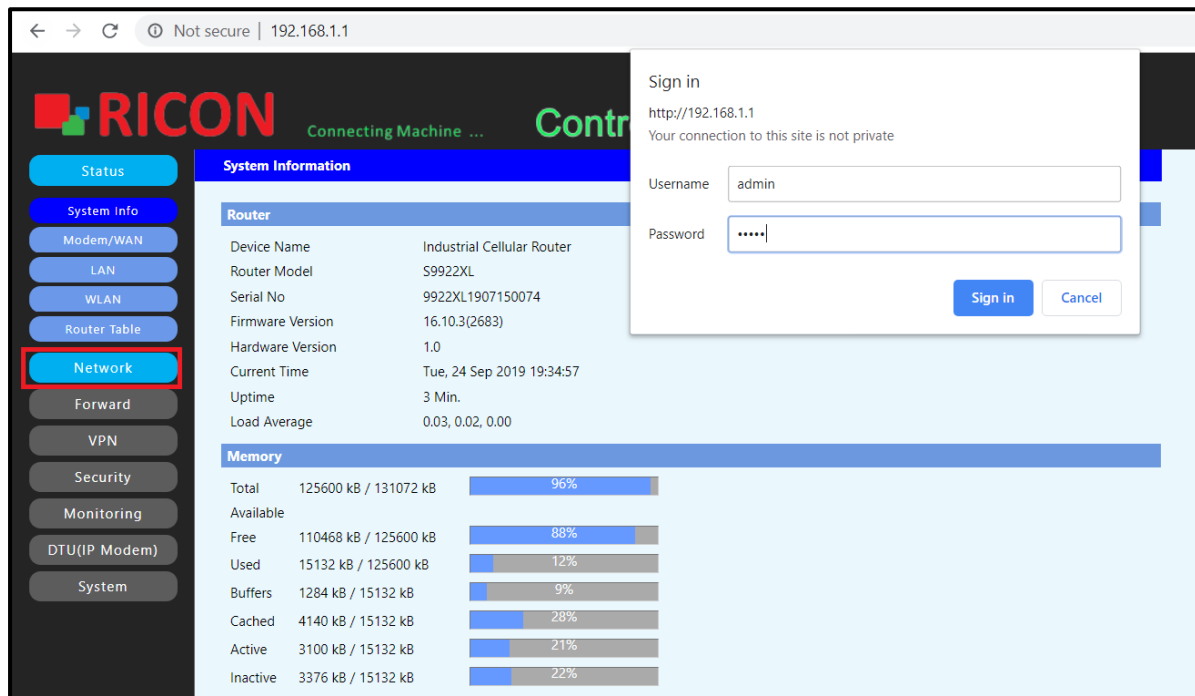
1. Network>Modem/WAN
2. For S9922L series devices with dual SIM cards, the sim slot you want to use as the main SIM card can be selected as SIM1 or SIM2.
3. Obtain the username, password and APN information from your internet service provider.
4. After entering your LTE circuit information, click the Save and Apply buttons to save your settings.

RICON
Connecting Machine ...   **Control Panel**

Modem/WAN

| Status |
| Network |
| Modem/WAN |
| LAN |
| WLAN |
| DHCP Server |
| DDNS |
| MAC Address Clone |
| SDNS |
| Forward |
| VPN |
| Security |
| Monitoring |
| DTU(IP Modem) |
| System |

Link Backup

Backup Mode   ● Main First(Automatic return to Main) ○ Mutual Preparation Mode
Link Fail to Restart   10 minutes   （0：Disabled）

Modem/WAN - Main Link

Connection Type   2G/3G/4G-PPP ▼
SIM Switch/Reset   90 Sec.
SIM Backup   ○ Enable ● Disable
Main SIM   ● SIM1 ○ SIM2

SIM 1:
User Name   ●●●●   ☐ Unmask
Password   ●●●●   ☐ Unmask
Dial String   *99***1# (UMTS/3G/3.5G) ▼   Custom
APN   3gnet
PIN   ☐ Unmask ☐ PIN Protection
Network Mode   Auto ▼

SIM 2:
User Name   ●●●●   ☐ Unmask
Password   ●●●●   ☐ Unmask
Dial String   *99***1# (UMTS/3G/3.5G) ▼   Custom
APN   3gnet
PIN   ☐ Unmask ☐ PIN Protection
Network Mode   Auto ▼

Others:
Authentication   ☑ PAP ☑ CHAP ☑ MS-CHAP ☑ MS-CHAPv2
Fixed WAN IP   ○ Enable ● Disable
Fixed WAN GW Address   ○ Enable ● Disable

Force reconnect   ○ Enable ● Disable
Connect Fail   1 TimesSwitch
Dial Fail to Restart   10 minutes   （0：Disabled）

Keep Alive   ICMP+ ▼
Keep Alive Server IP
Keep Alive Server IP2
Keep Alive Interval   60 Sec.
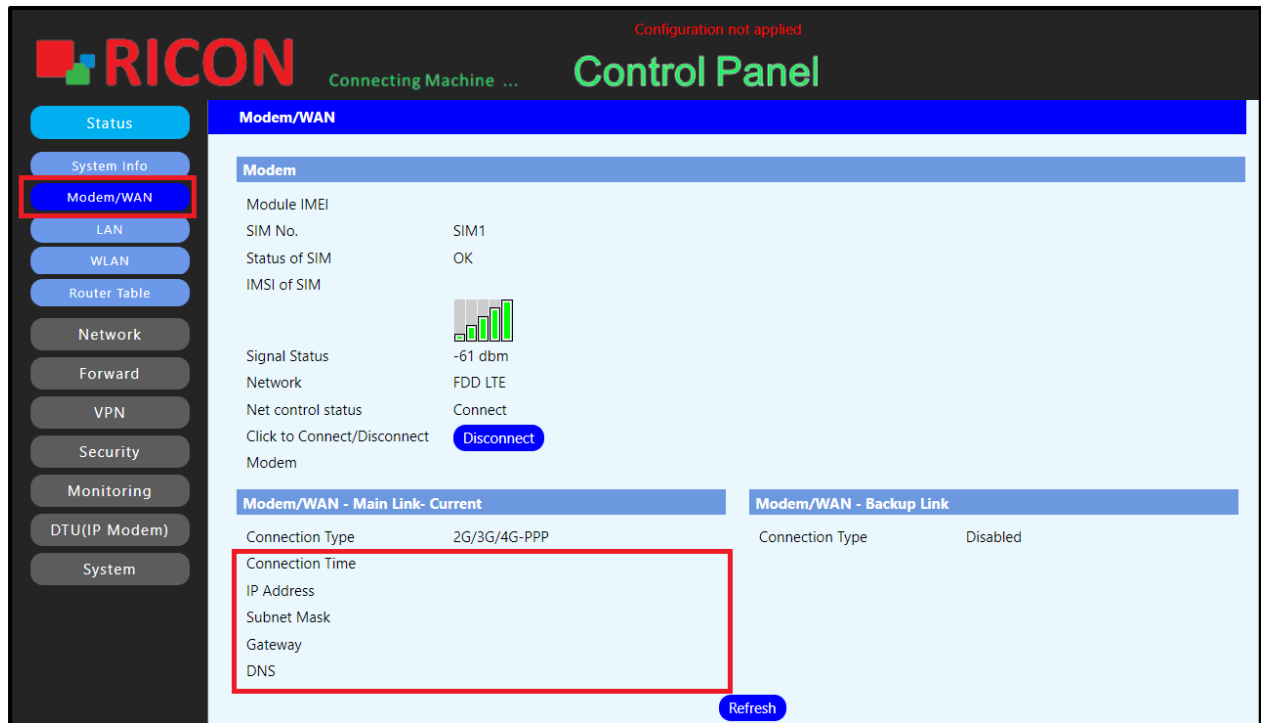Keep Alive Fail   1 TimesSwitch

Modem/WAN - Backup Link

Connection Type   Disabled ▼

Optional Settings

Device Name   Industrial Cellular Router
Host Name
Domain Name
MTU   Auto ▼   1500

Save   Apply   Cancel

2) LTE LINK STATUS CHECK

1. Status>Modem/WAN check mobile circuit connection and other information status here.
2. Net control status if connected, your connection is complete.
3. It is recommended that the RSRP value is below -95 dBm for proper operation of the circuit.