

Product System

Other (x)

Subject:	Part No:	REV: 0.1
	Doc	
	No:	Page 1 OF 9
Project Code:	Effective Date:	
Project Name:		

DR6018 User manual

CONFIDENTIAL

THIS DOCUMENT CONTAINS PROPRIETARY TECHNICAL INFORMATION, WHICH IS THE PROPERTY OF THE WALLYTECH AND SHALL NOT BE DISCLOSED TO OTHERS IN WHOLE OR IN PART, REPRODUCED, COPIED, OR USED AS THE BASIS FOR DESIGN, MANUFACTURING, OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION OF WALLYTECH.

Product System

Other (x)

Subject:	Part No:	REV: 0.1
	Doc	
Project Code:	No:	Page 2 OF 9
Project Name:	Effective Date:	

TABLES OF CONTENT

IPQ60xx UI setting.....	3
DR6010 V04 UART configuration.....	6
IPQ60xx 5G card setting.....	8

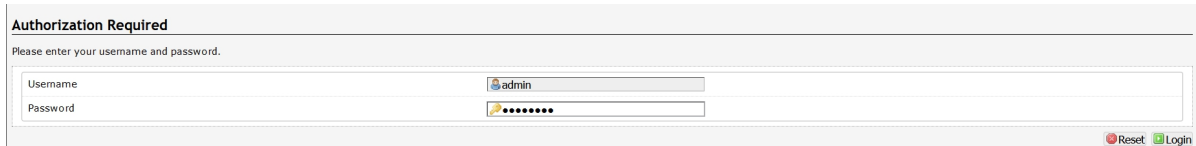
Product System

Other (x)

Subject:	Part No: Doc No:	REV: 0.1
Project Code:	Effective Date:	Page 3 OF 9
Project Name:		

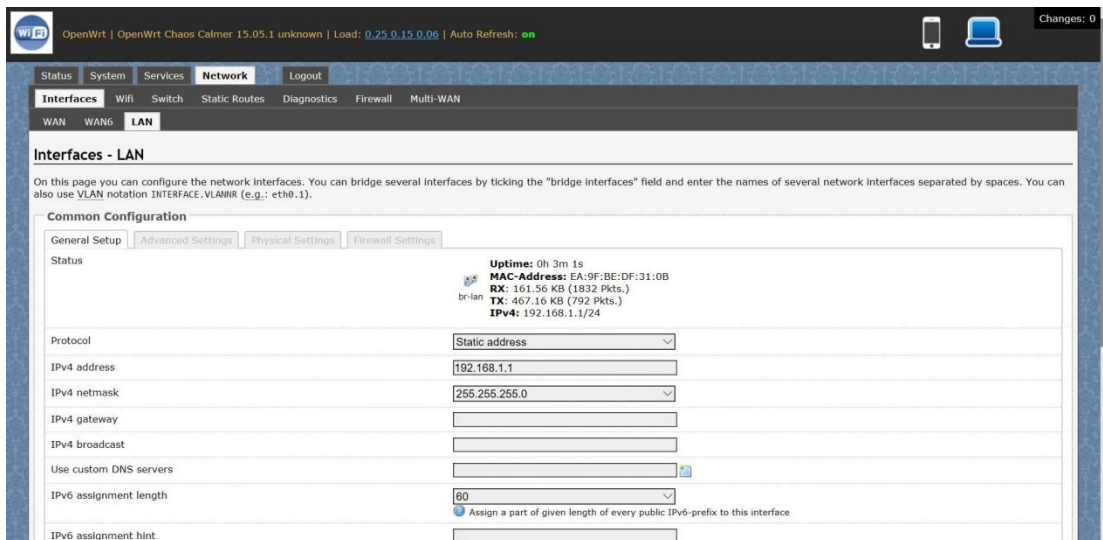
IPQ60xx UI setting

1. input the IP: 192.168.1.1 and login;
2. Input the username: admin; password: password, then press the button “Login”,



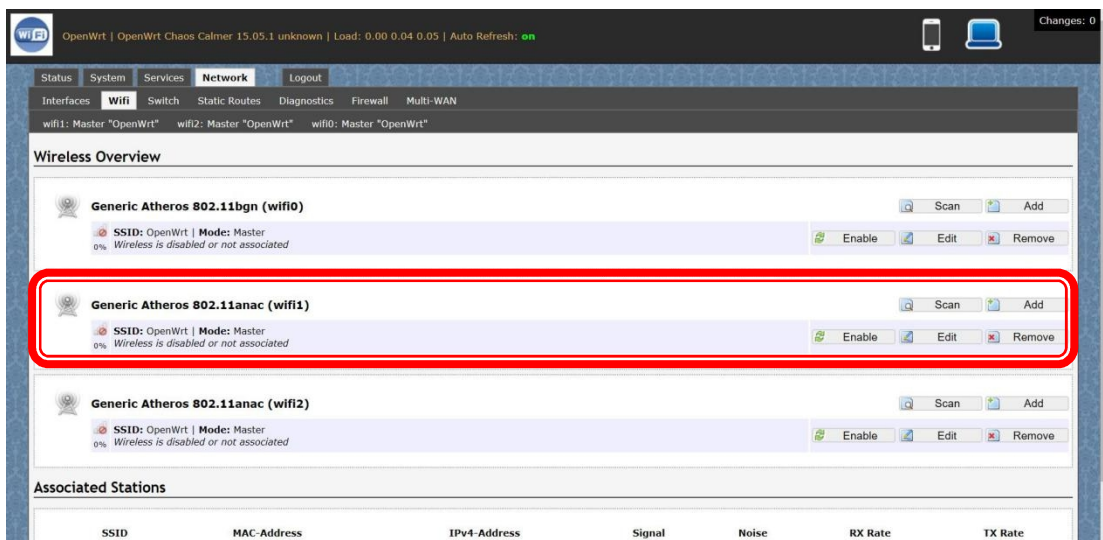
3. network setting

- IP Setting: setting IP in the path “network->Interfaces->LAN->IPv4 address”
- DHCP setting: DHCP and other protocol setting in the path network->Interfaces->LAN->protocol”



4. wireless setting

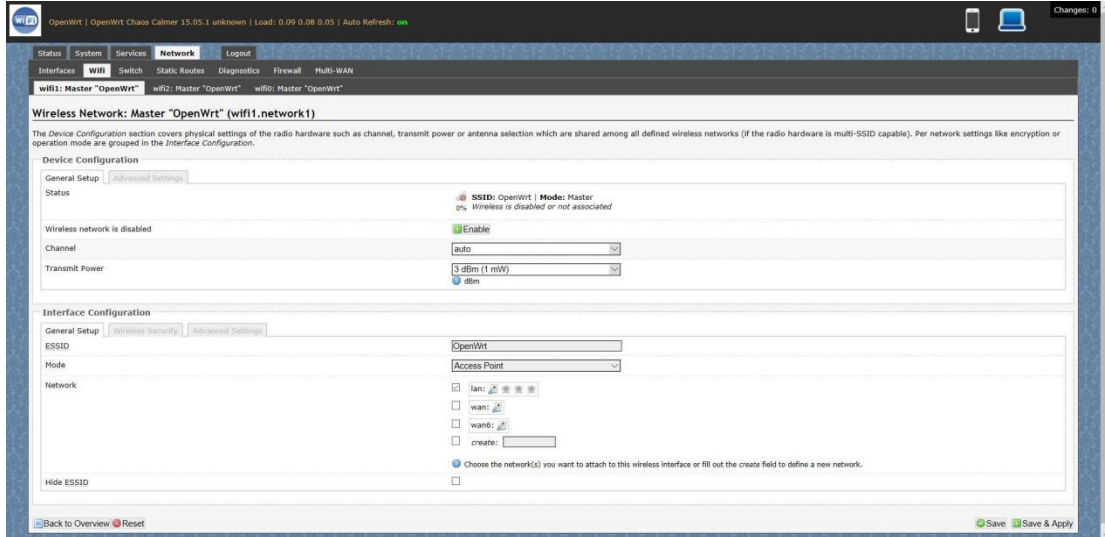
- login the path network->Interfaces->WIFI, then choose one wifi, we select the red marked as example, click the button ‘Edit’



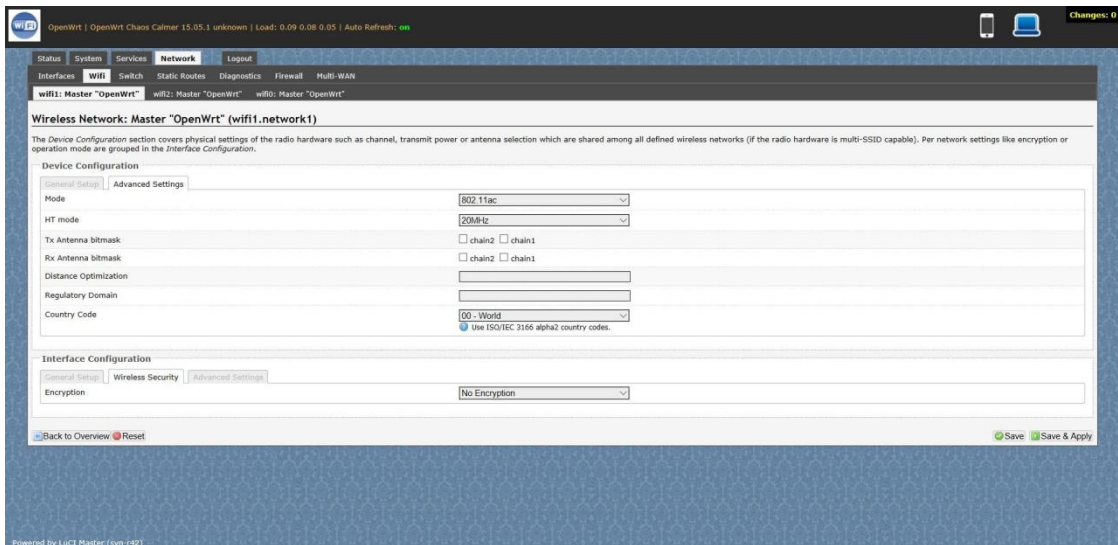
■ Product System

□ Other (x)

- The detail information show in the picture as below: Channel:for channel select;
- Transmit Power:signal chain power setting; ESSID:for ID
- Mode:it support 4 mode AP,AP(WDS),client,client(WDS) Wireless Security:for Encryption setting



IN Advance setting you can select which chain do you need,which BW do you need and so on



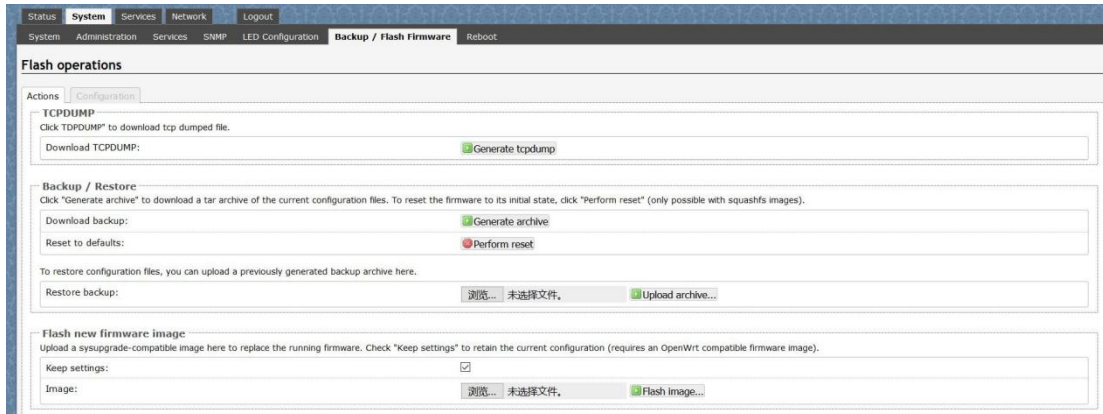
In the end ,you need click the button “Save & Apply”, and wait for 2 minutes, then you can enjoy it.

Product System

Other (x)

5. Backup archive

Login System->Backup/Flash Firmware; Then click the button "Generate archive"; Then download the archive



6. update new image

Login System->Backup/Flash Firmware;

Then click the button “浏览”, choose your image,

Then click the button “flash image”

Then click the button “Proceed”, warning don't power off, wait for about three minutes, then the system will reboot automatic.then login again,you can enjoy it.



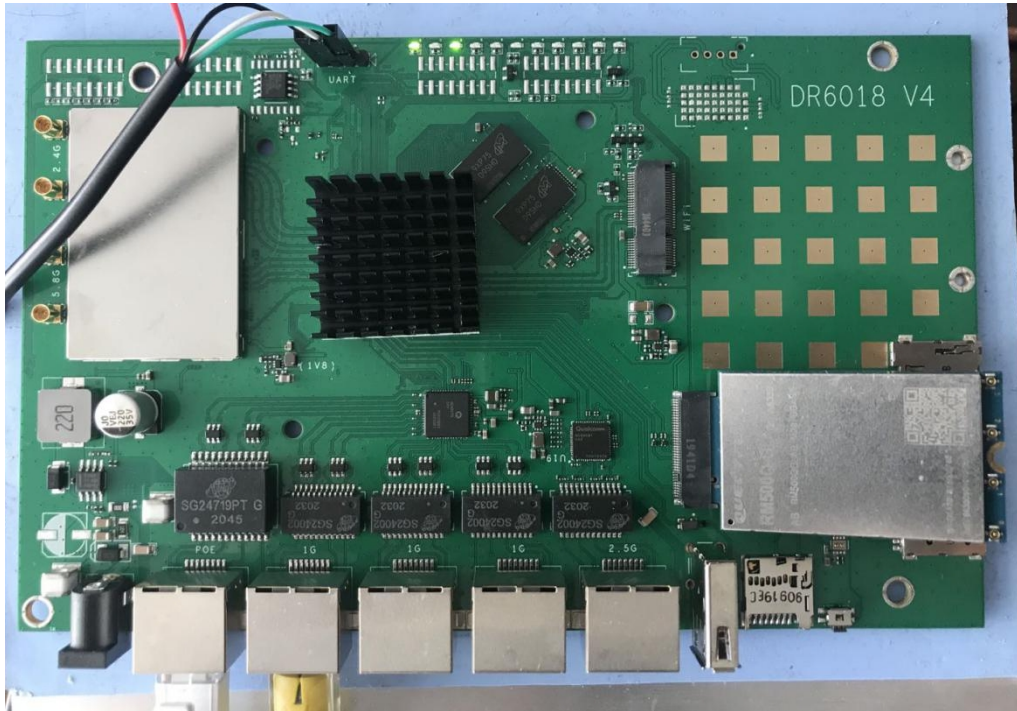
Product System

Other (x)

DR6010 V04 UART configuration

1. Induction

That is show how to use the Uart for DR6018 V4



2. Device connect

Step 1:connect the cable to the DR6018 V4

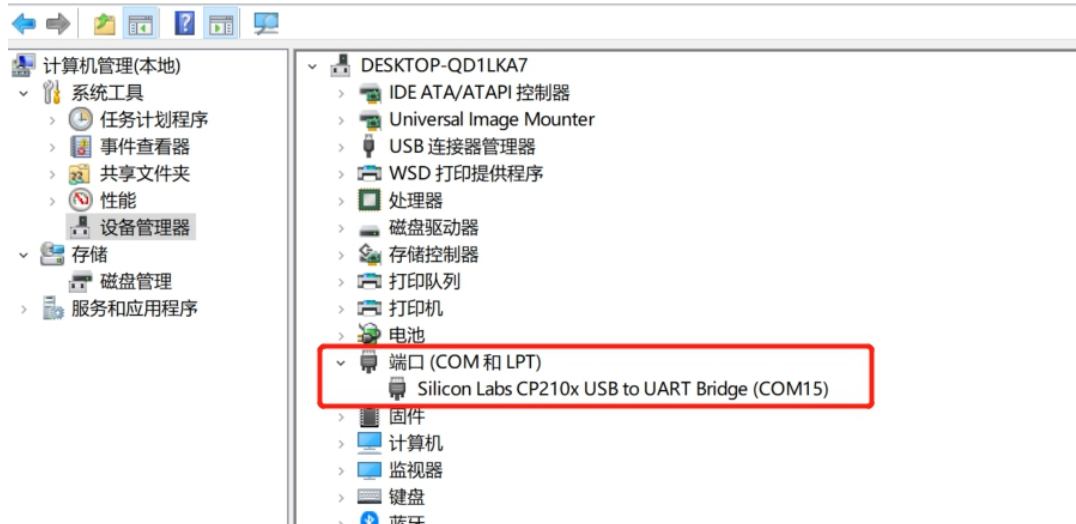
As the picture as above,the sequence of the signal in the UART connector:GND,TX,RX,VCC,

And we need use GND connect black cable,TX connect to white cable,RX connect to Green cable, VCC don't use.

Step 2:Check the Com number on the PC

Connect the console board to the PC with USB connector,

Then check the com number on the PC,the com number on the test pc is Com15



Step 3 login with the software

You can use putty ,Xshell or some others,enjoy it

Product System

Other (x)

IPQ60xx 5G card setting

1. check whether find the 5G module,

Print the command :lsusb

if it show like the below, have some other device, that indicate have new 5G/LTE module

```
root@OpenWrt:~# lsusb
Bus 001 Device 002: ID 2c7c:0800
Bus 001 Device 001: ID 1d6b:0002
Bus 002 Device 001: ID 1d6b:0003
Bus 003 Device 001: ID 1d6b:0002
Bus 004 Device 001: ID 1d6b:0003
root@OpenWrt:~#
```

2. check whether the 5G module work,

Print the command:quectel-CM &

That is for Quectel RM500Q,then show a lot of device message,then the 5G work well,enjoy it

```
root@OpenWrt:~# quectel-CM &
root@OpenWrt:~# [03-02_09:14:40:054] Quectel_QConnectManager_Linux_V1.6.0.15
[03-02_09:14:40:054] Find /sys/bus/usb/devices/l-1 idVendor=0x2c7c idProduct=0x800, bus=0x001, dev=0x002
[03-02_09:14:40:054] Auto find qmichannel = /dev/qcqmio
[03-02_09:14:40:058] Auto find usbnet_adapter = usb0
[03-02_09:14:40:058] netcard driver = GobiNet, driver version = V1.6.2.9
[03-02_09:14:40:058] qmap_mode = 1, qmap_version = 9, qmap_size = 31744, muxid = 0x81, qmap_netcard = usb0
[03-02_09:14:40:058] Modem works in QMI mode
[03-02_09:14:40:101] Get clientWDS = 7
[03-02_09:14:40:132] Get clientDMS = 8
[03-02_09:14:40:164] Get clientNAS = 9
[03-02_09:14:40:196] Get clientUIM = 11
[03-02_09:14:40:228] requestBaseBandVersion RM500QGLABR01A01M4G
[03-02_09:14:40:356] requestGetSIMStatus SIMStatus: SIM_ABSENT
[03-02_09:14:40:389] requestGetProfile[1] ctnet///0
[03-02_09:14:40:421] requestRegistrationState2 MCC: 460, MNC: 0, PS: Detached, DataCap: UNKNOW
[03-02_09:14:40:453] requestQueryDataCall IPv4ConnectionStatus: DISCONNECTED
[03-02_09:14:40:453] ifconfig usb0 0.0.0.0
[ 262.451968] IPv6: ADDRCONF(NETDEV_UP): usb0: link is not ready
[03-02_09:14:40:463] ifconfig usb0 down
```