PR - 516X
Quick Start Guide

Princelo

Make WiFi Smarter, Turn Life Easier

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1. What's in the Package?

❶ 5G Router　　　　❷ Cate5e Ethernet Cable

❸ DC Power Adapter　　❹ Quick Start Guide

2. Interfaces

Ⓐ 5G indicator　　　　Ⓑ 4G indicator

Ⓒ WiFi signal indicator　Ⓓ Power

Number	Description	Notice
1	Switch	Control the switch of the top light
2	LAN	Plug cat5e standard cables or above
3	LAN	Plug cat5e standard cables or above
4	WAN	Plug cat5e standard cables or above Work as LAN if 5G SIM card is inserted.
5	12V DC	The adapter conmes with package recommended
6	Syncronize	Short-click 1 second at the router and node synchronously

3. Power on and PC Connection

1. Insert the SIM card at the bottom of this 5G router;
2. Power on this 5G router by power adapter in the box; The power LED indicator will be on;
3. Connect the 5G router with PC by LAN cable or wireless; Check the 4G and 5G LED indicator, it will turn to green color if 4G/5G internet work fine.
4. Input IP address: 192.168.8.1 into IE browser, input admin/admin in user name/password, login to 5G router's WEB interface and setup this 5G router

Mark:
A. Wi-Fi SSID of 5G router: 5G CPE; Password: 123456789
B. Better to place the router near to Window, which will be stronger 5G signal;

Power Socket

SIM Card

Installing the SIM card :
- Respect the direction indicated
- Insert the card until it "click"

CAUTION: The SIM card must not have a PIN code

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4. WEB Configuration

4.1 Connect to PC wirelessly

Double click"Wireless Network Connection" on PC, in the pop-up wireless SSID list, select "5G CPE", click "Connect",then enter the password in the pop-up password dialogue box(Default password 123456789) ,click "OK" to connect.
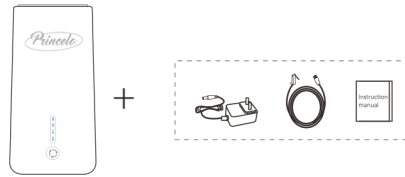(Mobile phone can connect to WIFI from setting menu)

4.2 Connect to PC wirelessly

1.Use explorer to visit http://192.168.8.1, below web login page will pop-up,input default user name"admin"and password "admin" to login.
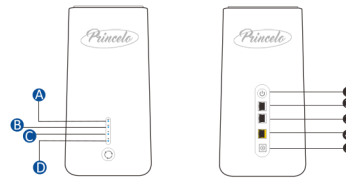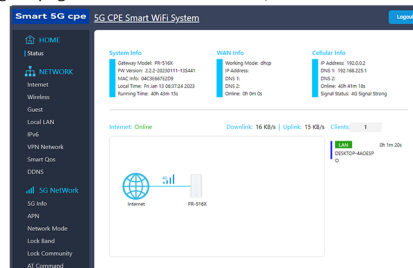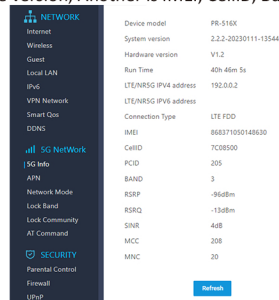
2.It will pop up the Wizard page, pls click Next to continue or Ignore to enter into the web configure page which showed as below;
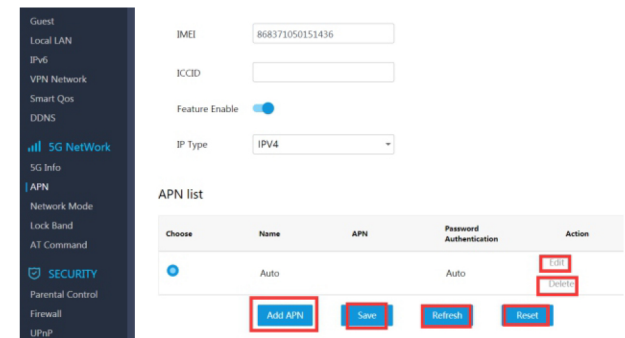
4.3 5G network configure

For the 5G network, it including the 5G network information, APN, 5G network mode, lock band and AT command.
5G network information, including two part: one is device ID, firmware version, hardware version; Another is IMEI, CellID, Band, signal strength...

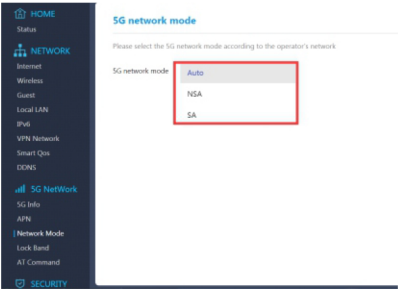| Device model | PR-516X |
System version	2.2.2-20230111-135441
Hardware version	V1.2
Run Time	40h 46m 5s
LTE/NR5G IPV4 address	192.0.0.2
LTE/NR5G IPV6 address	
Connection Type	LTE FDD
IMEI	868371050148630
CellID	7C08500
PCID	205
BAND	3
RSRP	-96dBm
RSRQ	-13dBm
SINR	4dB
MCC	208
MNC	20

APN: The access point name (APN) is the name of the setting information read by your device, which is used to set up the connection with the gateway between the operator's mobile network and the public network. In most cases, your device has made these settings in the system files, and can automatically fill in the APN information when connecting. Please change the APN settings while the device isn't online. Can add, delete, reset the APN information.
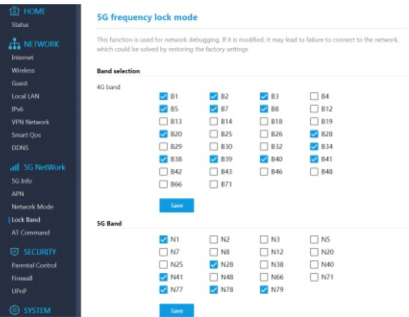Pls make sure the 5G VPN information is correct before insert the 5G SIM card; Or can call your network provider for detail 5G VPN.
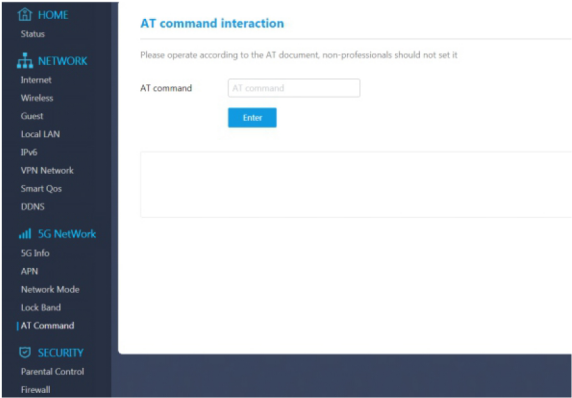
IMEI	868371050151436
ICCID	
Feature Enable	
IP Type	IPV4

APN list

Choose	Name	APN	Password Authentication	Action
●	Auto		Auto	Edit / Delete

Add APN　Save　Refresh　Reset

Network mode: mean the 5G network mode, including the NSA and SA.Pls select it based on your operator's network.

Lock Band: Mean 5G frequency lock, this function is used for network debugging. If it is modified, it may lead to failure to connect to the network, which could be solved by restoring the factory settings
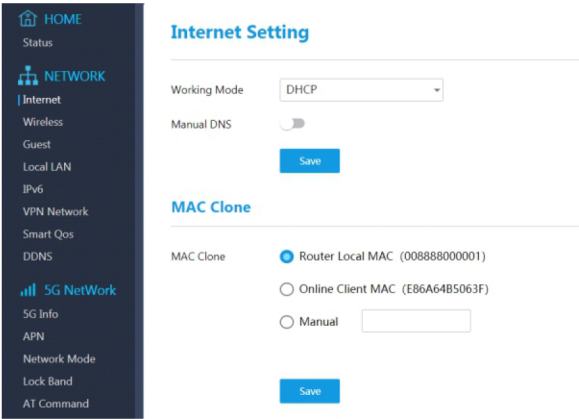

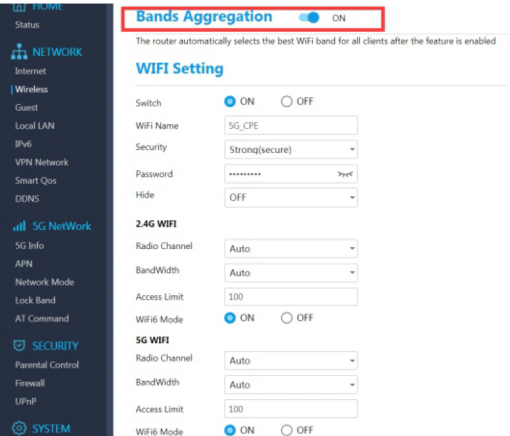**AT command:** this is AT command for the 5G module; Input 5G AT command to control this 5G module.

4. 4 Wireless configure

It including wireless and cable Internet settings;
4.41 Internet
For this 5G router, it can work as a wireless 5G router if WAN port is connected;
Default is 5G network, WAN port will be enabled if there is no 5G network.
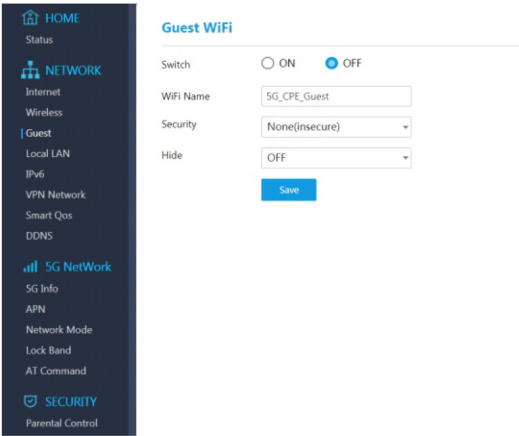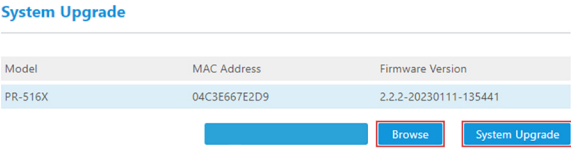Support PPPoE, DHCP and Static IP if WAN port is enabled;

4.42 Wireless
This is the settings for wireless;
Bands Aggregation: On: mean combined 2.4G and 5G SSID together; 1 SSID can be viewed; Off mean 2.4G and 5.8G SSID can be viewed.
Pls set the wireless SSID name, password, channel, bandwidth based on your request in wireless.
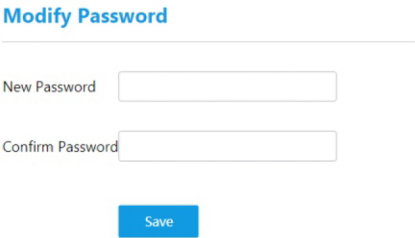

4.43 Guest: mean can generate an SSID for guest to guarantee the network security.

5.System and Maintenance

It including maintenance, Diagnosis, firmware upgrade and administration

5.1.Maintenance including the system language, restore setting and device restart;
System language: mean the language of this 5G CPE, including English and Chinese;
Restore setting: mean reset, it will revert to default factory settingsRestart system: mean device reboot.

5.2: System upgrade
Mean firmware upgrade; Browse the firmware, then click System upgrade to finish the firmware upgrade; Pls reset this 5G router after firmware upgrade. Can reset it by firmware, or press the reset button which in the bottom of 5G CPE for 15 seconds.

Administration: Here we can change the login passwords.