www.alfa.com.tw

AX5GRM

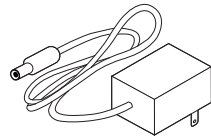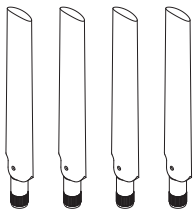## Quick Installation Guide

1. AX5GRM Indoor CPE x1
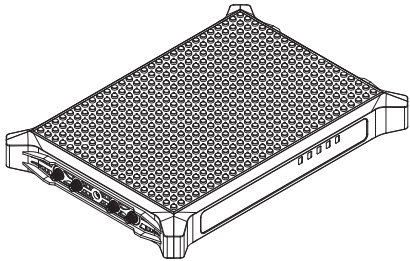
4. Power adapter 12 V/2 A x1
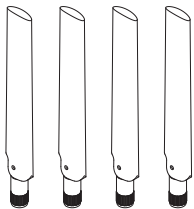
2. 4G/5G Antenna x4

5. QIG x1

3. WiFi6/7 Antenna x4

If you want to reset the AX5GRM to factory default setting, please remember to back up the current setting before reset to default, press **Backup Current Setting** button to save to setting file and you can upload the setting file when needs.
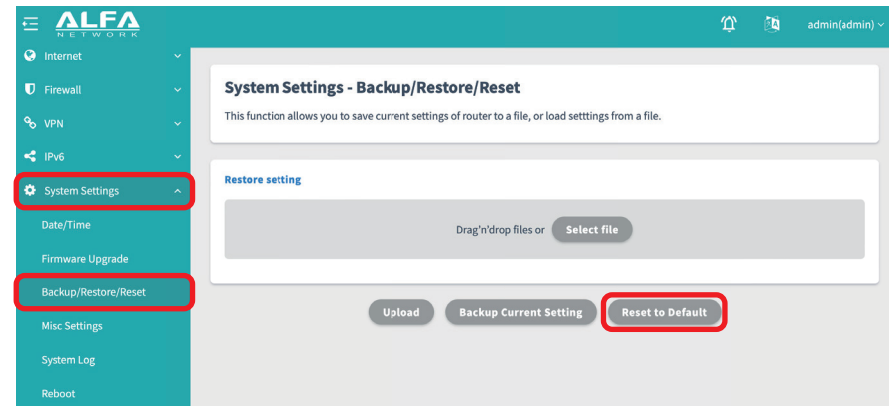
If you want to reset the AX5GRM to factory default setting, please go to System Setting -> Backup/Restore/Reset item. Press Reset Default button. System will process 2 minutes to reset the whole device to default setting.

How to Setup Admin/User password
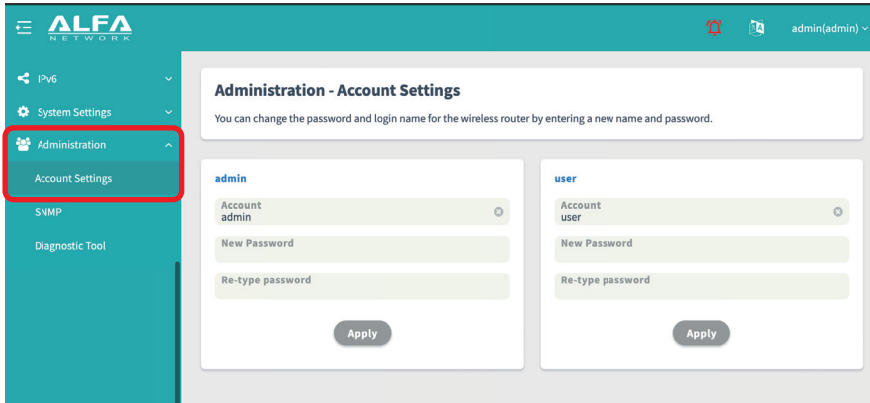
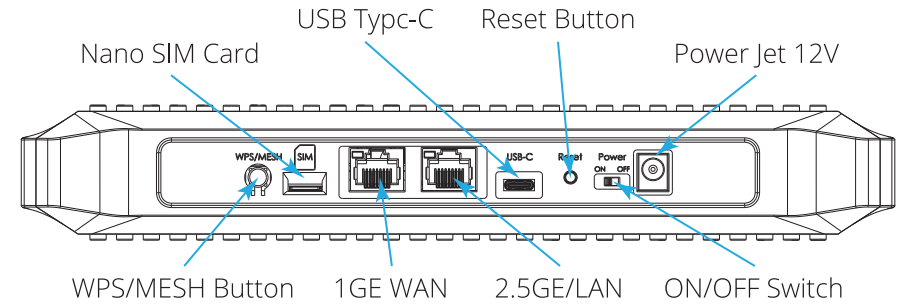If you want to change login user name and password, please go to Administration-> Account Settings item to set admin(Super user) and user (Guest) Account user name and new password. When set up ready, please press Apply button.

Interface and outline

Nano SIM Card   USB Typc-C   Reset Button   Power Jet 12V

WPS/MESH Button   1GE WAN   2.5GE/LAN   ON/OFF Switch

WiFi Antenna and RSMA connector
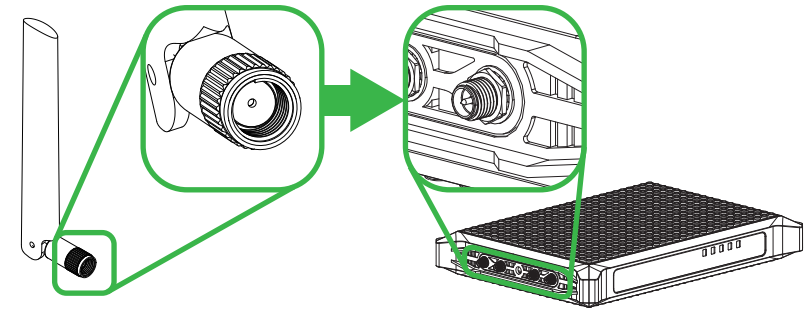
5GNR/4G LTE Antenna and SMA connector
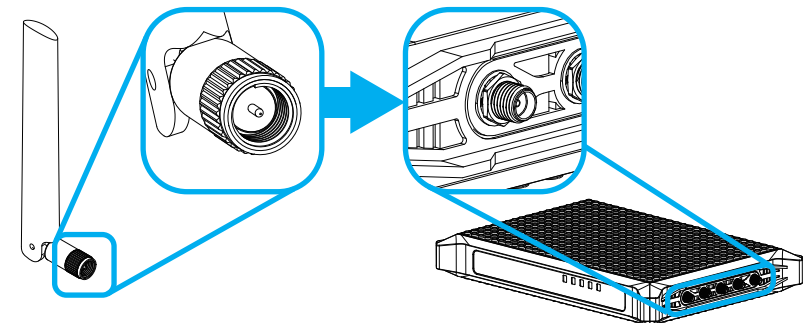
CPE LED Indicate

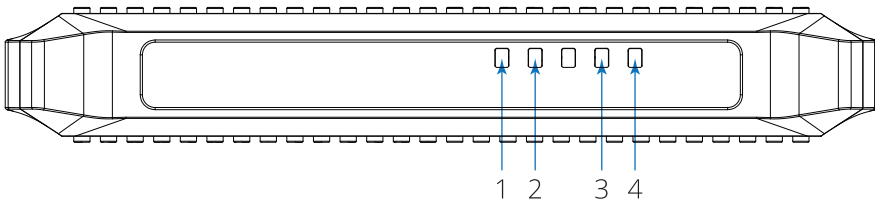| Item	LED Indicator / Interface	Descriptions
1	Power Indicator (Blue)	On - Power on Off - No power
2	Internet (Blue)	On – Internet Online Off – No Internet Access
3	WIFI (Blue/Green)	On – WiFi On (Green) Blinking – WPS processing (Blue)
4	SIM card(Green)	On – With SIM card Off – Without SIM card

How to Setup LAN
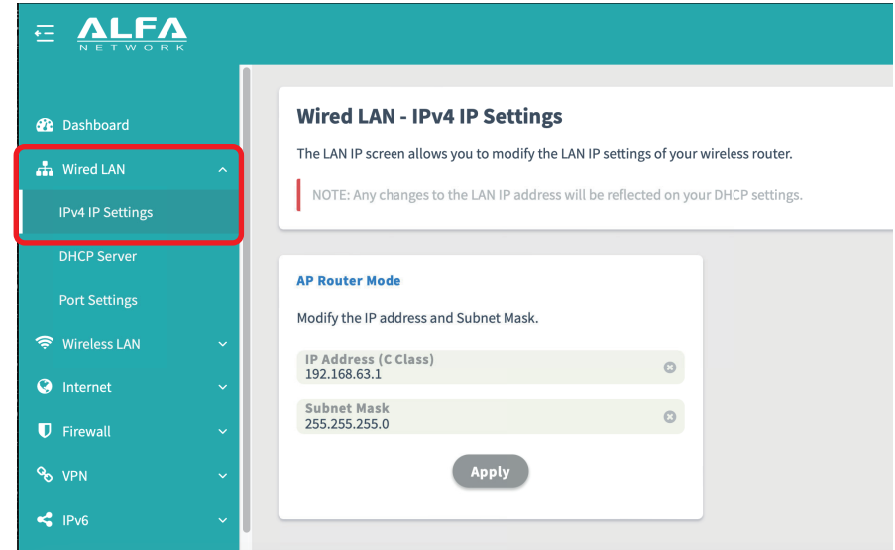
The device default LAN IP address setting is 192.168.63.X, default gateway is 192.168.63.1. If you want to chage LAN IP setting, Please go to Wired LAN->AP Router Mode and change the IP Address, when you set up ready, please press Apply button.
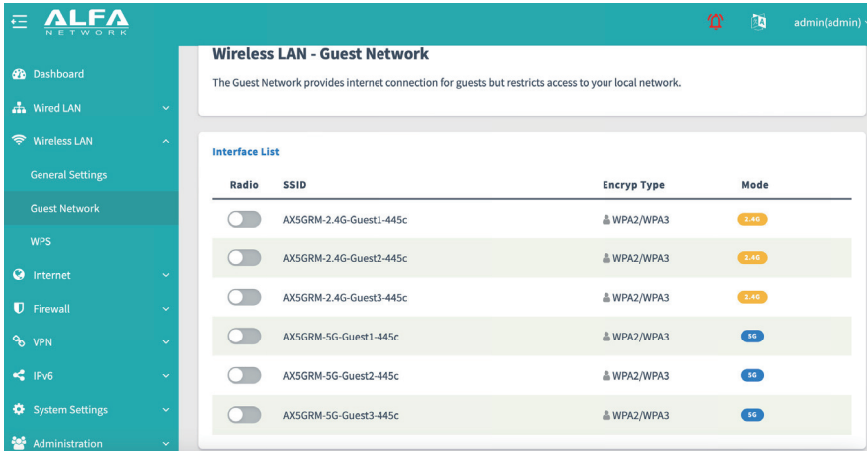
If you want to setup guest WiFi, please go to Guest Network items to enable the "Radio" and edit ✏ the guest SSID and password. AX5GRM provides 3 SSIDs for 2.4 GHz WiFi and 3 SSIDs for 5 GHz WiFi for guest WiFi networks.

Open web browser and key in https://192.168.63.1
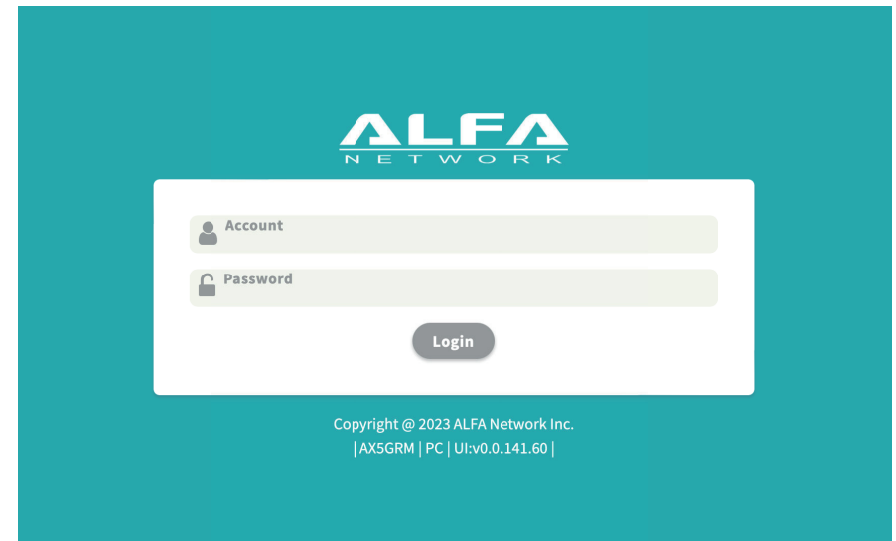
Account: admin
Password: ALFA5G

If log in successful, will into Dashboard to check device status
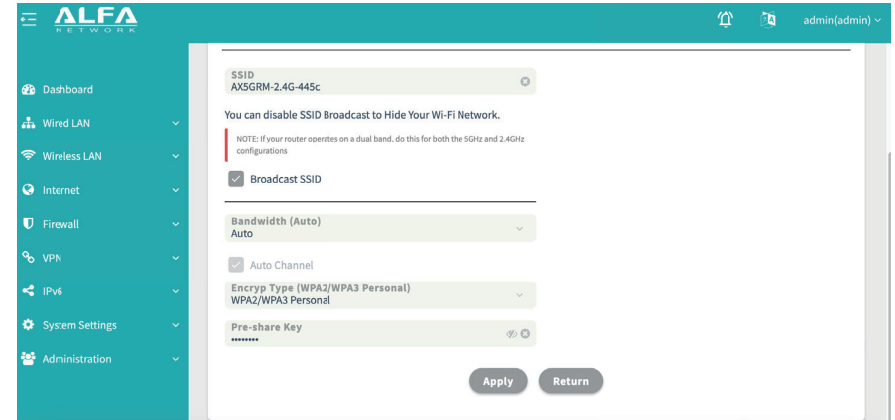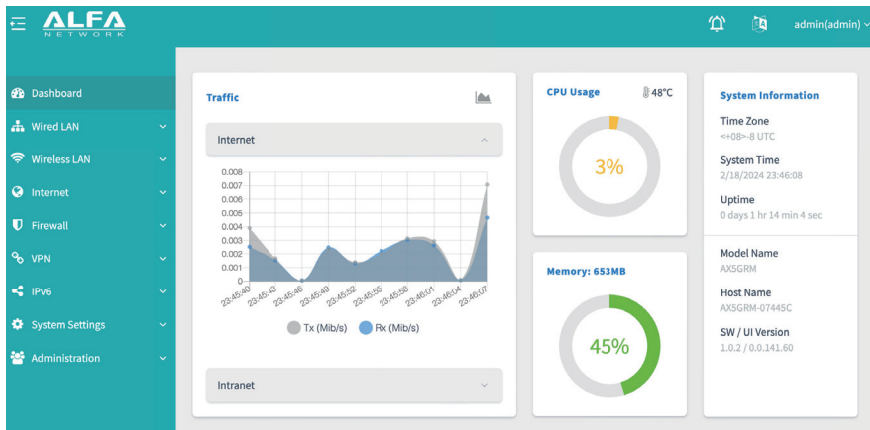
When set up your own SSID(WIFI Name), please press Apply to save and effect the setting.
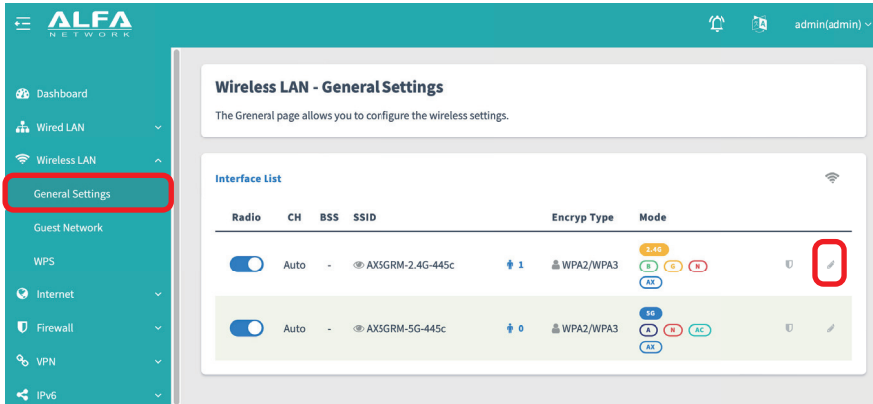
Device with system default WiFi SSID (AX5GRM-2.4G-XXX and AX5GRM-5G-XXX) and default password (12345678) both on WiFi 11AX 2.4 GHz and 5 GHz. If you want to change your own SSID (WIFI Name) and password, please go to Wireless LAN->General Settings->press edit icon 🖊 to set up.

If you want to check AX5GRM connect to 5GNR or not, please go to

Dashboard->Find 5G_NR icon

and press (more...) button.
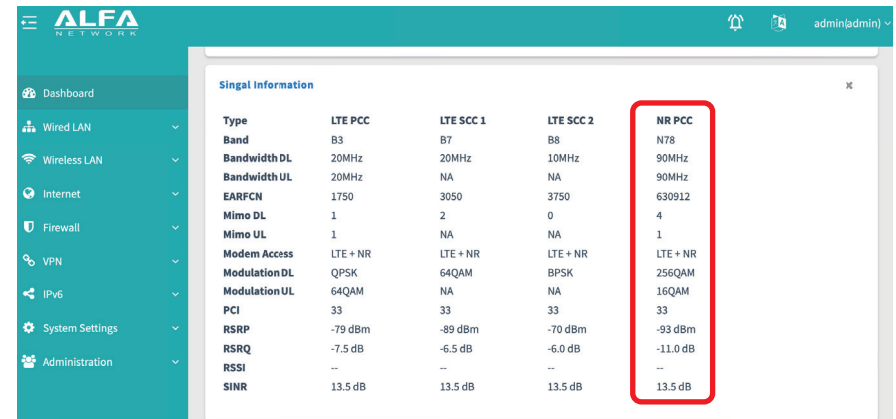
When Dashboard Signal Information showed NR PCC Band info means AX5GRM connect to 5G NR successful.

How to Setup Internet
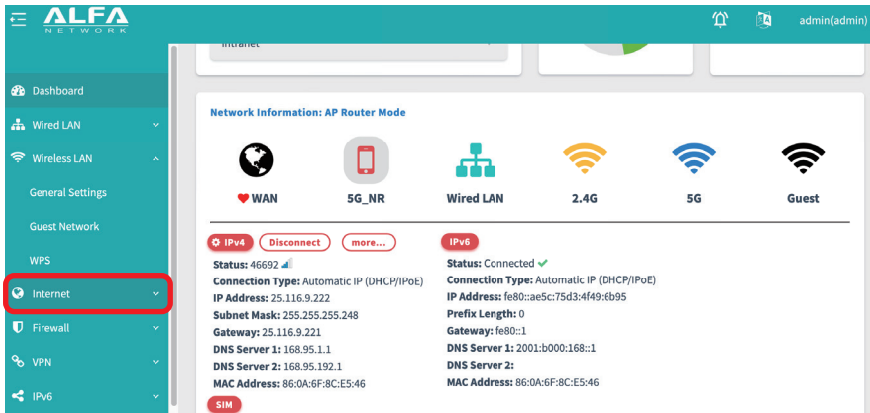
When you insert valid and unlock SIM card from Telcom, the device will auto connect to Internet without setting. If special Telcom SIM card need to set APN, you need to go to Internet item to set up it.

Please go to Internet->IPv4->5G_NR press setting icon ⚙ ->APN Setting ->press edit icon 🖊 to edit the parameter when ready, please press "Save" button and Return to front page, press "Apply" button to effect the setting.
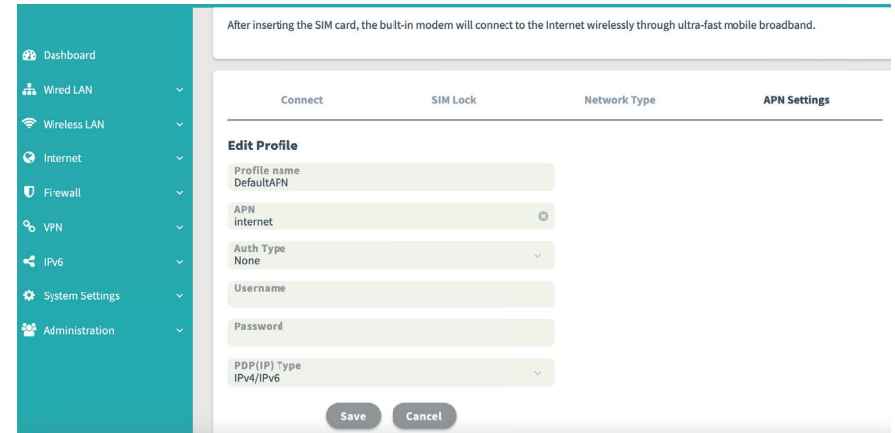
PS. If you want to use Wired WAN(Fixed line ex FTTH, xDSL), please go to WAN item to set up it. The device default WAN it 5GNR/4G LTE (Mobile)WAN.

FCC Statement

Any Changes or modificationsnot expressly approved by the party responsible for compliance could avoid the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference,and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,uses and canradiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be co‐located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

This device complies with Innovation, Science and Economic Development Canada Compliance licence-exempt RSS standard (s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.