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AX5GRM

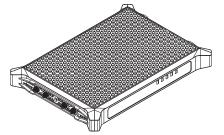
Quick Installation Guide

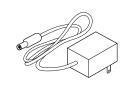


Package Contents



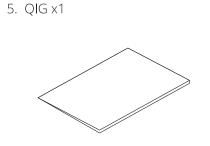
4. Power adapter 12 V/2 A x1











3. WiFi6/7 Antenna x4



How to reset device to default setting

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.

	1		0											
	NETWORK			Û										
0														
U			System Settings - Backup/Restore/Reset											
<i>9</i> о			This function allows you to save current settings of router to a file, or load setttings from a file.											
4														
۵	System Settings	0	Restore setting											
			Drag'n'drop files or Select file											
		<u>ן</u>		2										
			Upload Backup Current Setting Reset to Default	J										
	Reboot													

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.



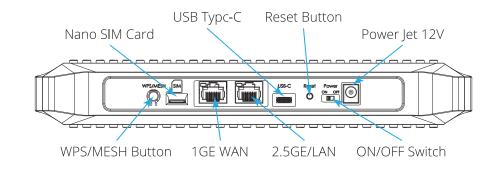


How to Setup Admin/User password

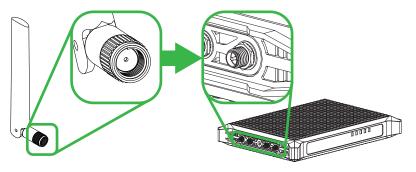
≮ I2v6 ∽	Administration - Account Set	tings		
🔅 System Settings 🗸 🗸	You can change the password and login nam	e for the wireless router	by entering a new name and password.	
😤 Administration 🛛 🗠				
Account Settings	admin		user	
SVMP	Account admin	0	Account user	۲
Diagnostic Tool	New Password		New Password	
	Re-type password		Re-type password	
	Арріу		Apply	

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.

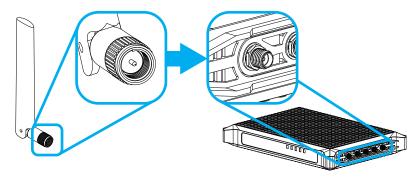
Interface and outline



WiFi Antenna and RSMA connector



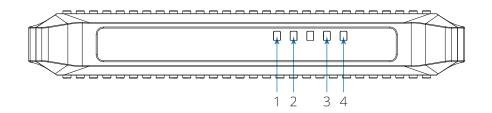
5GNR/4G LTE Antenna and SMA connector





CPE LED Indicate

How to Setup LAN



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				

Ξ <u>ΛLFΛ</u> Wired LAN - IPv4 IP Settings Dashboard The LAN IP screen allows you to modify the LAN IP settings of your wireless router. H Wired LAN NOTE: Any changes to the LAN IP address will be reflected on your DHCP settings. IPv4 IP Settings **AP Router Mode** Modify the IP address and Subnet Mask. 😤 Wireless LAN IP Address (C Class) 192.168.63.1 0 🔇 Internet Subnet Mask Θ 255.255.255.0 **U** Firewall S VPN < IPv6

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.





How to Login to Setup

						admin(admin)
🚳 Dashboard			LAN - Guest Network etwork provides internet connection for guest			
🚠 Wired LAN	~					
	^	Interface Li	st			
		Radio	SSID	Encryp Type	Мо	de
Guest Network			AX5GRM-2.4G-Guest1-445c	≗ WPA2/WPA3	2.4	•
			AX5GRM-2.4G-Guest2-445c	& WPA2/WPA3	2.4	3
Internet	~		AX5GRM-2.4G-Guest3-445c	å WPA2/WPA3	2.4	
Firewall	~		AX5GRM-2.4G-GUEST3-445C	⊜ WPAZ/WPA3	4.4	
	~		AX5GRM-5G-Guest1-445c	å WPA2/WPA3	50	
IFv6	~		AX5GRM-5G-Guest2-445c	≗ WPA2/WPA3	50	
System Settings	~		AX5GRM-5G-Guest3-445c	& WPA2/WPA3	50	
😤 Administration	~					

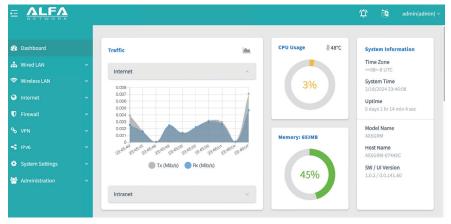
If you want to setup guest WiFi, please go to Guest Network items to enable the "Radio" and edit and the guest SSID and password. AX5GRM provides 3 SSIDs for 2.4 GHz WiFi and 3 SSIDs for 5 GHz WiFi for guest WiFi networks. Open web browser and key in https://192.168.63.1

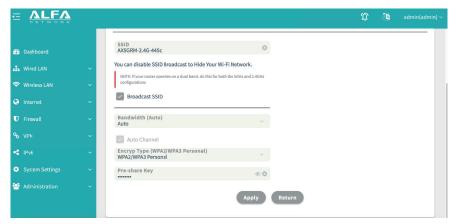
NETWORK	
Account	
Password	
Login	
Copyright @ 2023 ALFA Network Inc. AX5GRM PC UI:v0.0.141.60	

Account: admin Password: ALFA5G



If log in successful, will into Dashboard to check device status



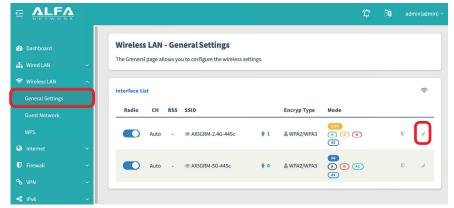


When set up your own SSID(WIFI Name), please press Apply to save and effect the setting.



How to Setup WiFi





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 \checkmark to set up. If you want to check AX5GRM connect to 5GNR or not, please go to

Dashboard->Find 5G_NR icon



5G_NR

and press more... button.

							ΰ,	2	admin(admin
🏠 Dashboard		Singal Information							ж
👪 Wired LAN	~	Туре	LTE PCC	LTE SCC 1	LTE SCC 2	NR PCC			
		Band	B3	B7	B8	N78			
🖻 Wireless LAN	~	Bandwidth DL	20MHz	20MHz	10MHz	90MHz			
		Bandwidth UL	20MHz	NA	NA	90MHz			
Internet	~	EARFCN	1750	3050	3750	630912			
		Mimo DL	1	2	0	4			
	~	Mimo UL	1	NA	NA	1			
6 VPN	~	Modem Access	LTE + NR	LTE + NR	LTE + NR	LTE + NR			
		Modulation DL	QPSK	64QAM	BPSK	256QAM			
🗧 IPv6	~	Modulation UL	64QAM	NA	NA	16QAM			
		PCI	33	33	33	33			
System Settings	~	RSRP	-79 dBm	-89 dBm	-70 dBm	-93 dBm			
		RSRQ	-7.5 dB	-6.5 dB	-6.0 dB	-11.0 dB			
Administration	~	RSSI							
		SINR	13.5 dB	13.5 dB	13.5 dB	13.5 dB			

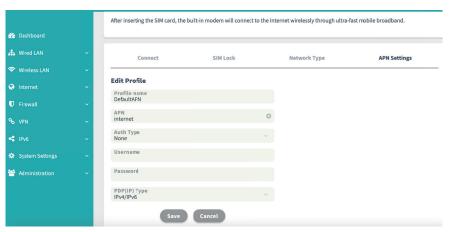
When Dashboard Signal Information showed NR PCC Band info means AX5GRM connect to 5G NR successful.

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 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.