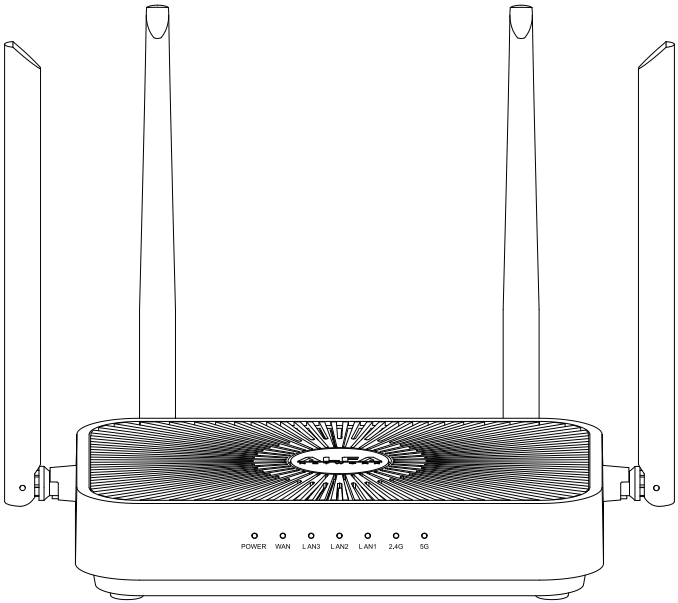
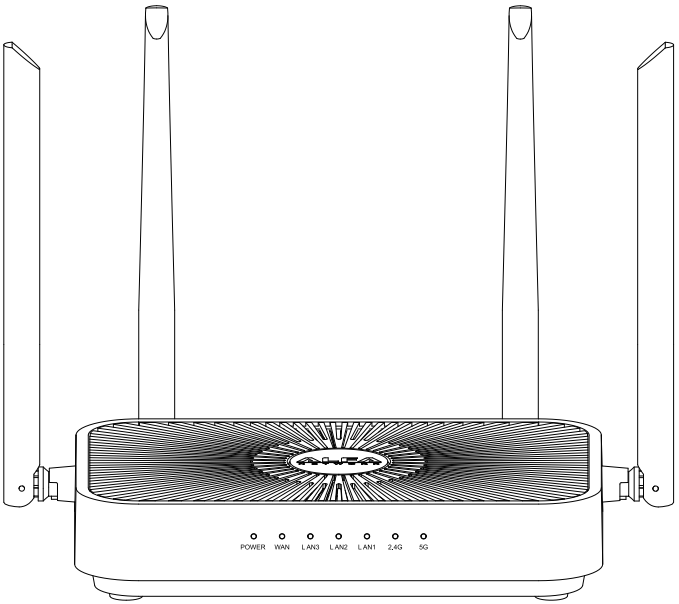
Product Overview



In Router mode

LED	Description	Status
POWER	Solid Green	Power on
WAN	Solid Orange	NOT connected to the Internet
	Solid Green	Internet connection is established
LAN 1	Blinking Green	Data transferring
LAN 2	Blinking Green	Data transferring
LAN 3	Blinking Green	Data transferring
2.4G	Blinking Green	WiFi 2.4 GHz band enabled
	Solid Green	Main WiFi 2.4 GHz SSID disabled Slave WiFi 2.4 GHz SSID still enabled
	Off	WiFi 2.4 GHz band disabled
5G	Blinking Green	WiFi 5 GHz band enabled
	Solid Green	Main WiFi 5 GHz SSID disabled Slave WiFi 5 GHz SSID still enabled
	Off	WiFi 5 GHz band disabled

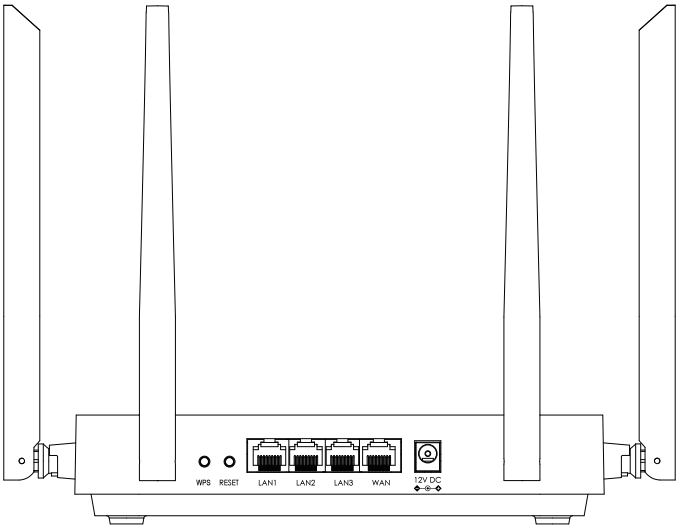


WiFi Mesh mode

Controller (WiFi Router)		
LED	Description	Status
POWER	Solid Green	Power on
WAN	Blinking Orange	Connecting to the Internet
	Solid Green	Internet connection is established
2.4G	Solid Green	WiFi 2.4G enabled
5G	Solid Green	WiFi 5G enabled

Agent		
LED	Description	Status
When Mesh link is established		
POWER	Blinking Green	Mesh link established
WAN	Solid Green	Mesh link established
2.4G	Solid Green	Mesh link established
5G	Solid Green	Mesh link established
When Mesh link not established		
POWER	Solid Green	*NOT connect to the controller
WAN	Off	*NOT connect to the controller
2.4G	Blinking Green	*NOT connect to the controller
5G	Blinking Green	*NOT connect to the controller

*Ensure the AX1800RM Agent is within range of the AX1800RM Controller, if the Agent is NOT connecting please move it closer to the controller.

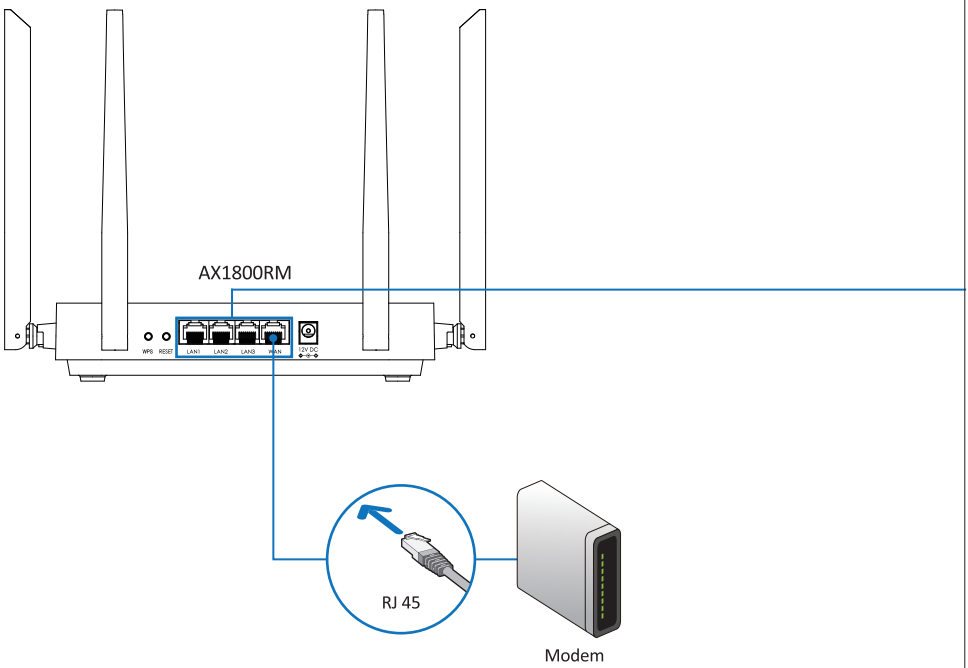


Interface	Description
Power port	Connect the included AC power adapter.
LAN 1 ~ LAN 3	10/100/1000 Mbps Gigabit Ethernet
WAN	10/100/1000 Mbps Gigabit Ethernet Connect an Ethernet cable to a broadband Internet cable/SDL or fiber modem. **Note:** For best performance, use CAT5e or higher rated cable on the Internet port.
Reset button	To perform a factory reset, press and hold 10 seconds, then release, all lights go out except Power.
WPA button	Also called the Mesh button Push 5~8 seconds the LED will flash to pair mesh devices *For setup procedure see the mesh setup section

Hardware Setup

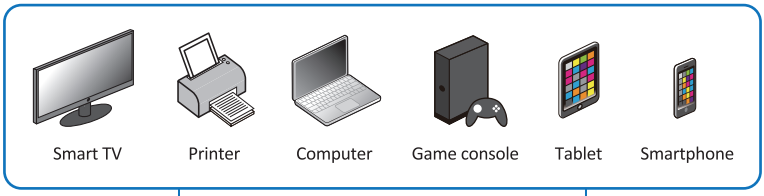
Use an Ethernet cable to connect to the WAN port on the cable/DSL or fiber modem.

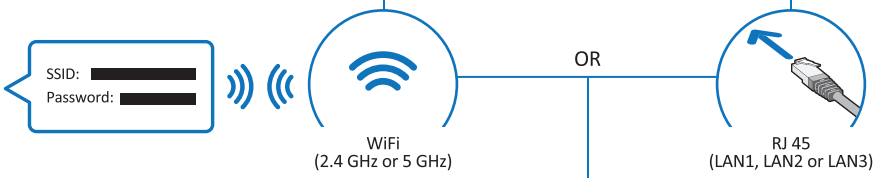
1 Plug the router into a power outlet using the provided power supply.



2 Connect one end of the provided RJ45 cable to one of the Ethernet (LAN) ports on your box, then connect the other end to the WAN on the router.

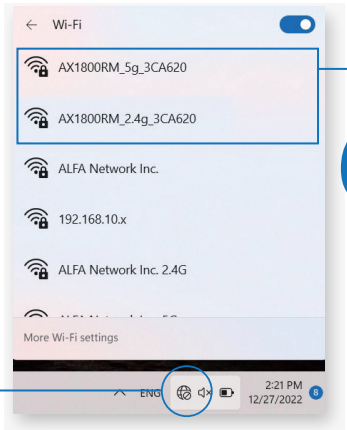
3 The router will detect a network as the indicator light on the WAN port starts flashing.





4 Your devices will detect the AX1800RM's network...

5 Turn on your device. Navigate to your devices' Wi-Fi/network selection settings.



6 Select the "AX1800RM_5g_XXXXXX" or "AX1800RM_2.4g_XXXXXX" WiFi network. The router will automatically make the connection between your box and your computer.

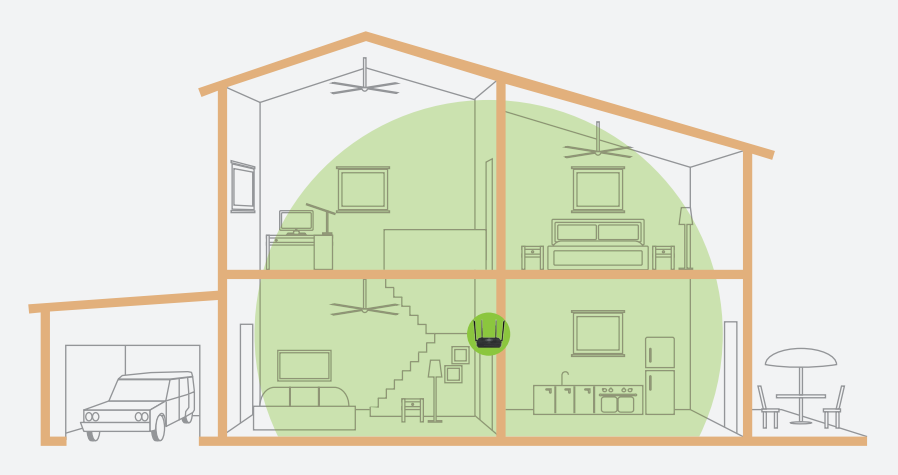
7 The network will ask you for a password. Enter 1 2 3 4 5 6 7 8.

You now have Internet access!

You can also connect your router to your computer using a RJ45 cable instead of WiFi. In this case, your computer will be directly connected to the Internet, without using the wireless network provided by the router.

If you are configuring the router wirelessly from a PC/laptop/tablet, use the WiFi name (SSID) and WiFi password information on the bottom label of the AX1800RM. If you are configuring the AX1800RM from the PC with an Ethernet cable, plug one end into the LAN port 1 ~ 3 and another into the Ethernet port on your computer.

WiFi Router set up

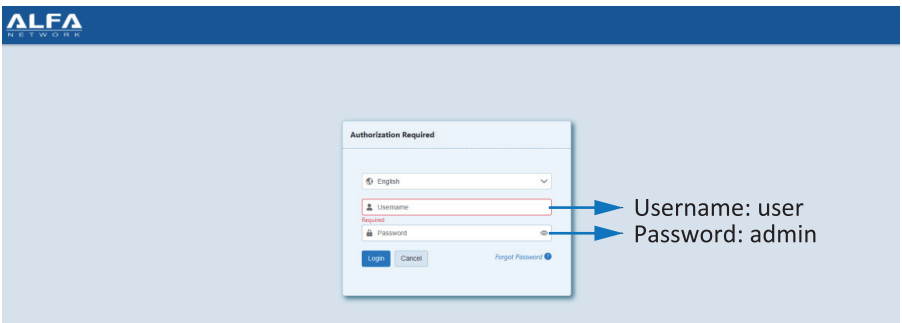


The setup wizard guides you through a step-by-step process helping configure your AX1800RM's Internet connection.

If this is your first time installing the router, open your web browser and enter 192.168.136.1 in the browser. Enter the default Username and Password,

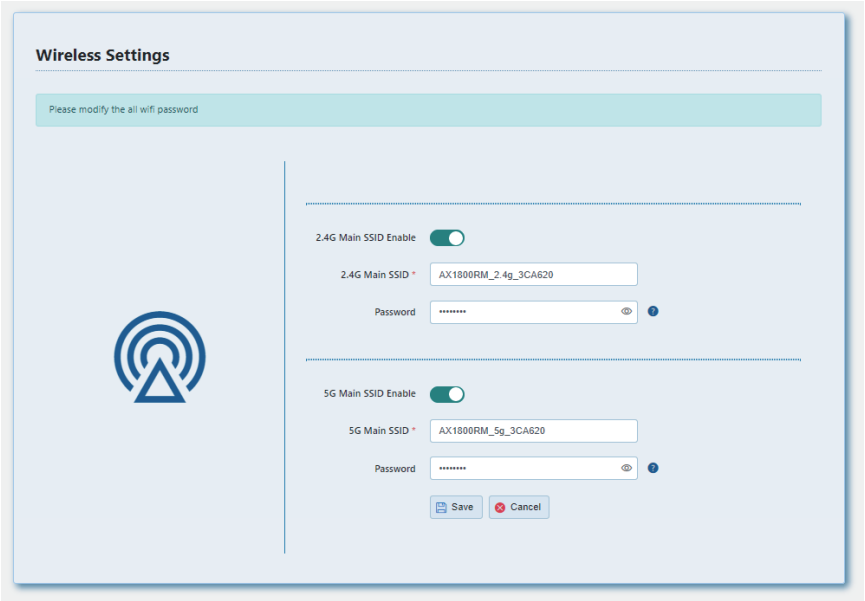
Default Credentials
Username: user
Password: admin

click **Login** to start the setup.

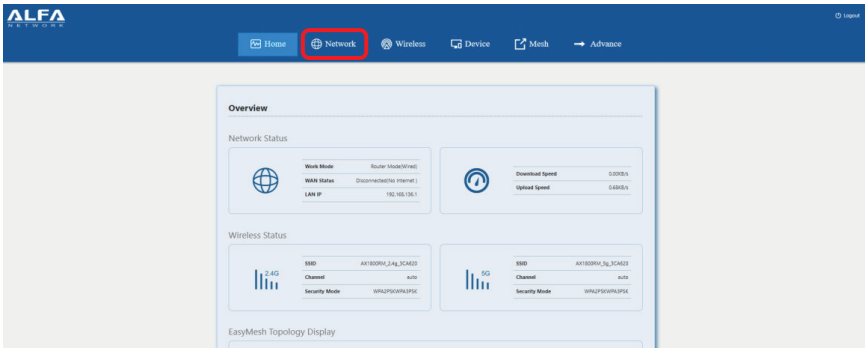


1. Set up the WiFi Network name (SSID) and password. Your wireless clients will need this password to connect to your wireless network.
   Click **Save** to continue.

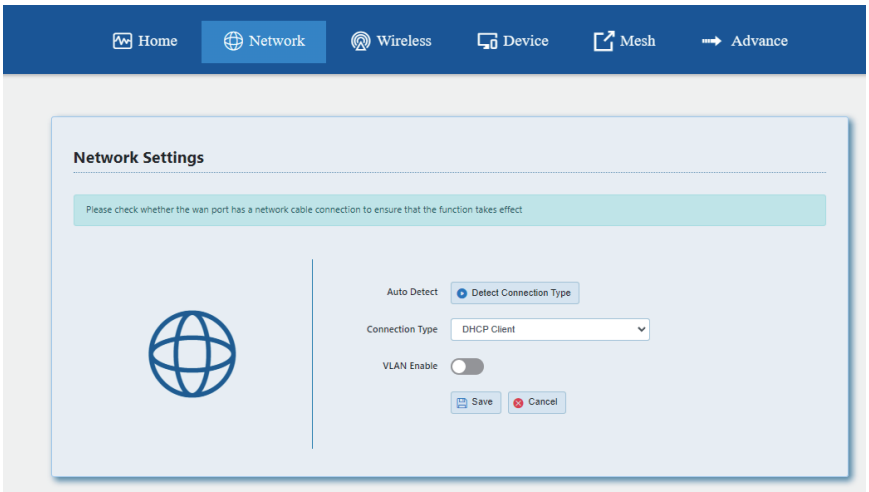
   Note - The WiFi SSID does not support special characters and spaces.



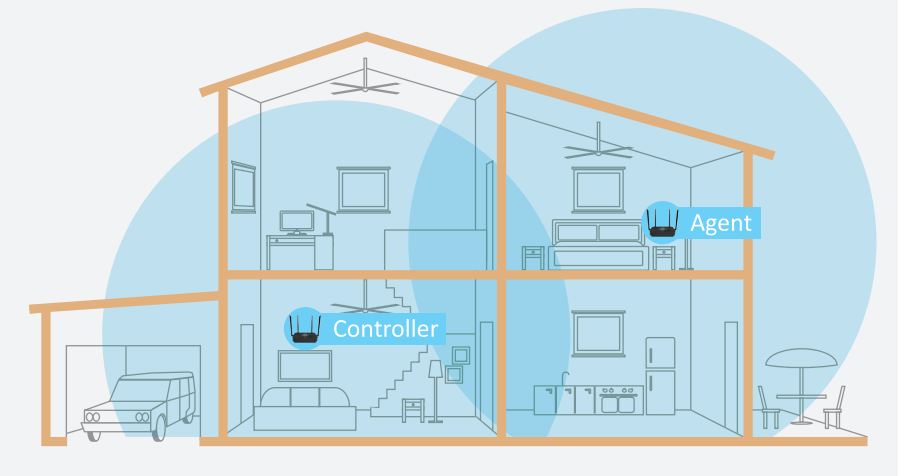
2. Select the Network Tab to establish an internet connection.



If you are unsure about your Internet connection type, click “Detect Connection Type”. If you know your Internet connection type, select it, enter the necessary information, and click “**Save**”. After the settings are saved, the router is now configured.



WiFiMesh Set up



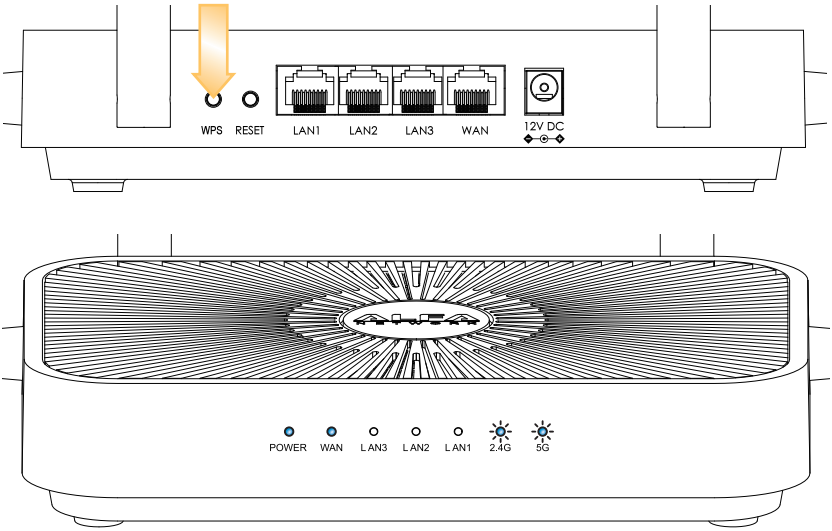
WiFiMesh is a scalable solution that allows you to easily increase the coverage and eliminate any weak spots in your wireless network.

IMPORTANT:

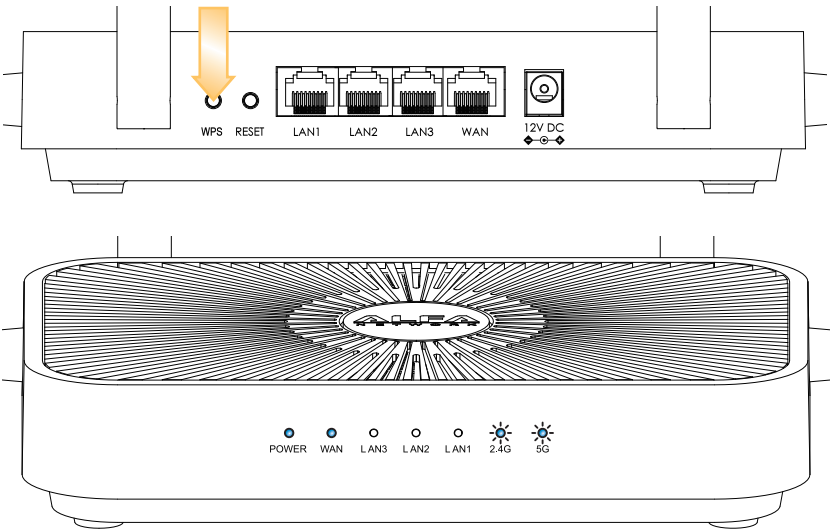
Your AX1800RM can be set up as a controller or agent in a WiFi mesh network. A controller must be connected with an Ethernet cable to your cable/DSL or fiber modem. The AX1800RM agent must be next to the AX1800RM controller during the setup process.

Pair 2 AX1800RM Mesh controller and agent

1. First, set up the controller; the AX1800RM Mesh controller is the one that connects to the Internet cable/DSL or fiber modem with an Ethernet cable. Press the WPS Mesh button for 6 seconds, then release. The 2.4G and 5G LEDs start blinking.



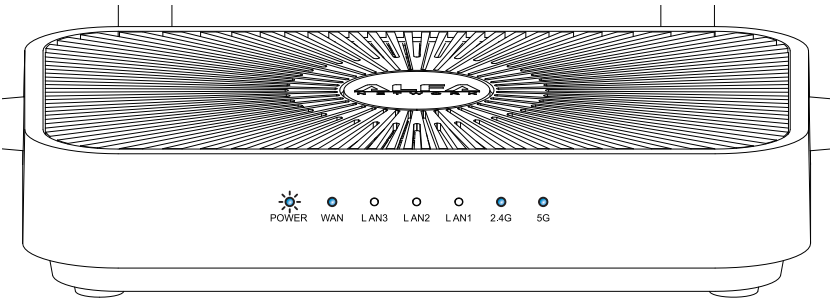
2. Second, set up the agent: On the AX1800RM agent press the WPS Mesh button for 6 seconds, then release. During pairing, the 2.4G and 5G LEDs will be blinking.



3. Finish pairing

   After successful pairing, the AX1800RM agent's Power LED will be blinking, and the WAN, 2.4G, and 5G LED will be solid.

   Then you can unplug the power adapter and move to the AX1800RM agent to the working range to extend the WiFi signal.



IMPORTANT:

If the AX1800RM agent is out of working range with the AX1800RM controller. The power LED will be solid, and the 2.4G and 5G LEDs will be blinking.

Moving the AX1800RM agent closer to the AX1800RM controller may resolve this issue.

FCC Compliance Notice

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void

the user's authority to operate the equipment.

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 can radiate 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.