

1200Mbps dual-band WiFi Range Extender


Mobile terminal operating manual

V1.0

Preparations

Plug the device into a power outlet and the indicator will flash when the device is powered on.

Mobile phone settings

1. The mobile phone searches for the Wi-Fi signal and connects to the signal of the name "wlan_repeater"(without quotes)(as shown in Figure 1). There is no password by default.
2. Open the mobile browser and enter "192.168.10.1" (without quotes). The default password is "admin" (without quotes), click here  to login(as shown in Figure 2 and Figure 3).

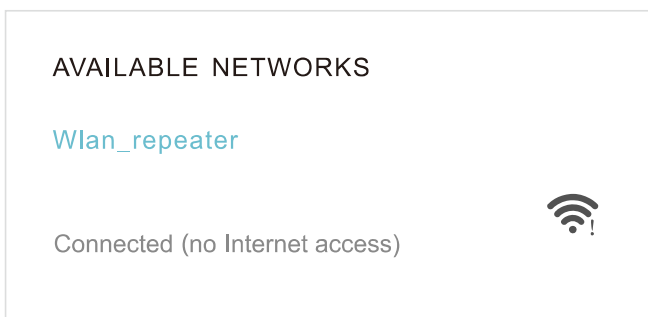


Figure 1

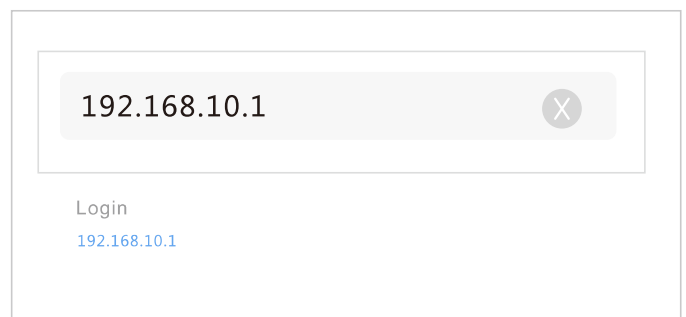


Figure 2



Figure 3

Note: Some mobile phones will have the WLAN assistant prompts (as shown in Figure 4), click "CONNECT", otherwise the settings will not be completed.

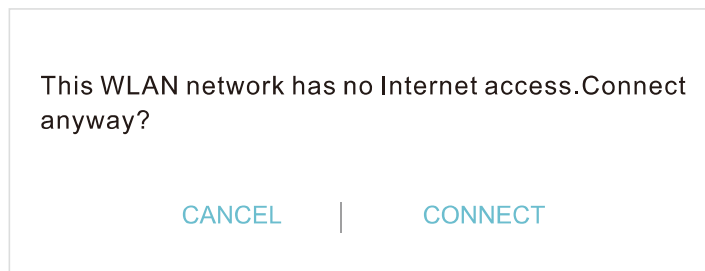


Figure 4

3. The first time you log in to the configuration page, the page will go to the setup wizard page (as shown in Figure 5), password is the default admin, if you want to change the password, you can click on "admin" to modify, then click [Next], select the repeater in the working mode (as shown in Figure 6), click [Next]. And then the repeater will automatically scan the surrounding wireless signal (as shown in Figure 7 and Figure 8).

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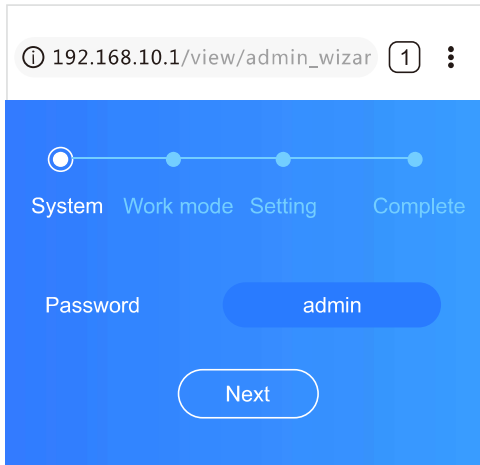


Figure 5

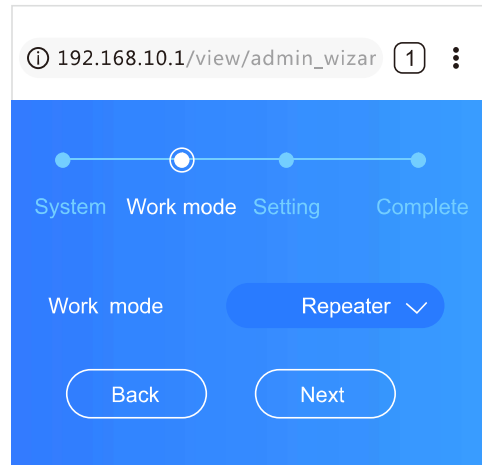


Figure 6

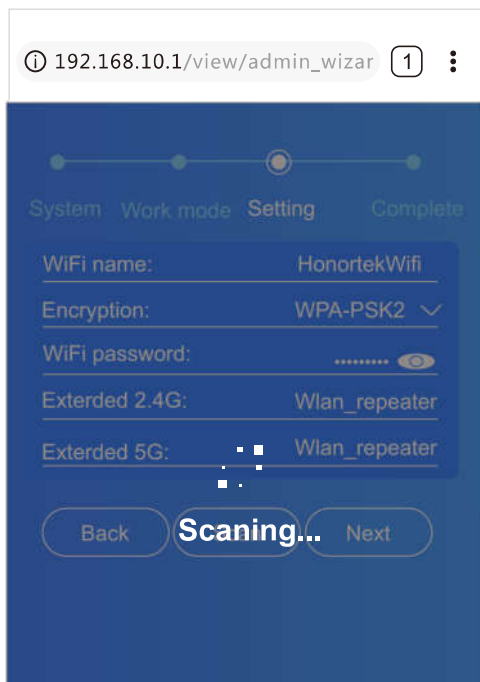


Figure 7

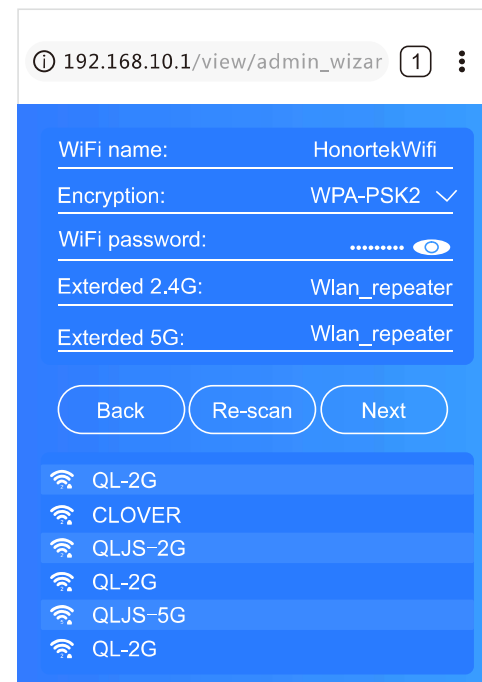


Figure 8

4. In the "Routing Network Signal List", click the Wi-Fi signal you want to relay, and enter the password of the original Wi-Fi signal in "Wi-Fi password" (as shown in Figure 9). Click the [Next] button in Figure 9, and then click the [save] button (as shown in Figure 10), the device will be applied and restarted (as shown in Figure 11). Wait for one minute after restarting. If the indicator light is steady blue, it means that the repeater has been successfully relayed.

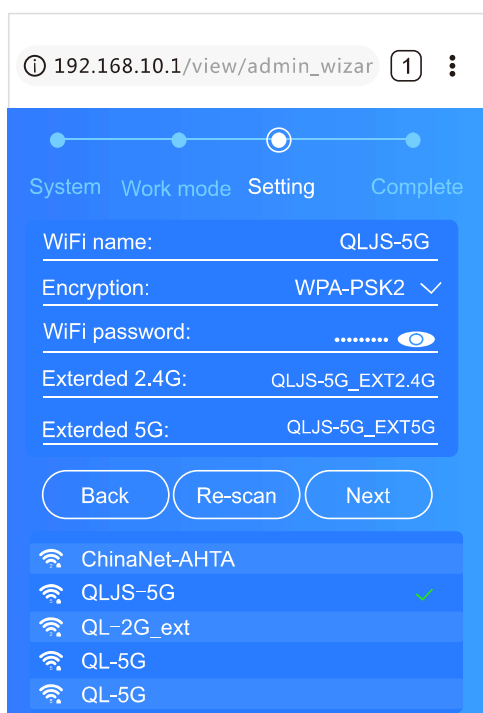


Figure 9

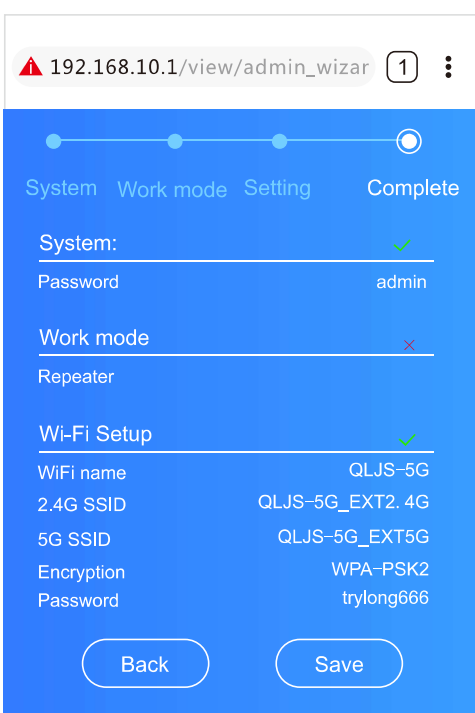


Figure 10

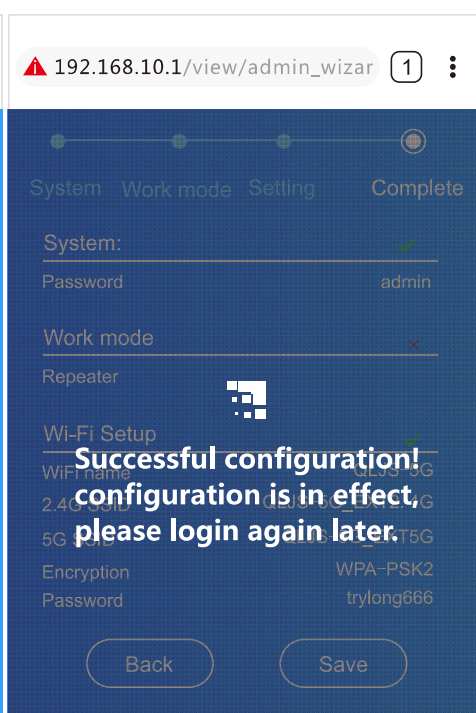


Figure 11

Note: After configuration, the device will reboot and the Wi-Fi name will become "xxxx_EXT2.4G"/"xxxx_EXT5G". (xxxx is the name of the original Wi-Fi signal, the password is the password of the original Wi-Fi signal).
If the repeater works in "Repeater mode", and you want to use the LAN network interface of the repeater, you have to insert the network cable after the configuration is completed and the indicator light is steady blue.

5. If you want to modify the repeater Wi-Fi name and password, you need to connect to the Wi-Fi after successful configuration, and then re-enter the configuration interface, Click the "Wi-Fi Setup" to Setup (as shown in Figure 12 and Figure 13).

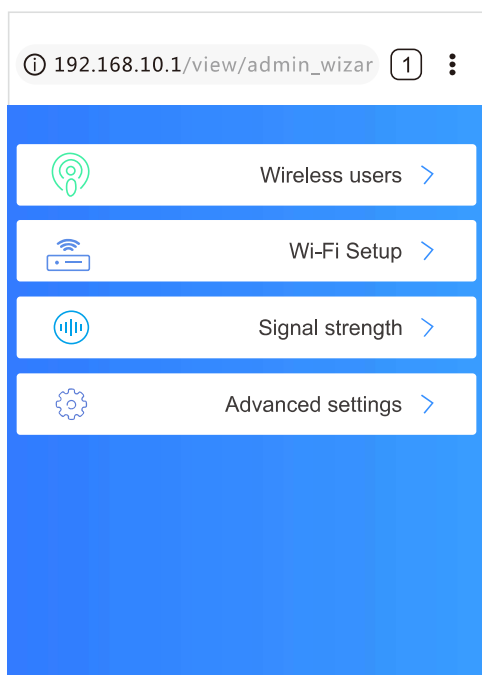


Figure 12

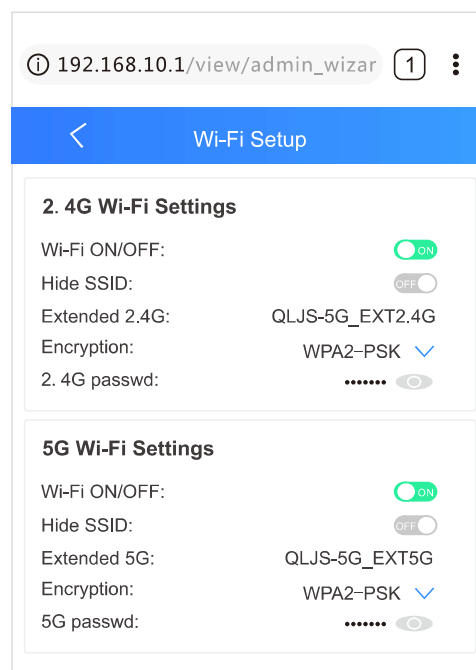


Figure 13

Set the 2.4G wireless SSID in "Extended 2.4G", set the 5.8G wireless SSID in "Extended 5G", and set the wireless password in "Wi-Fi password" (as shown in Figure 15).

6.Mode description:

(1) Repeater:

The repeater mode refers to amplifying the original Wi-Fi signal and then transmitting a new Wi-Fi signal (the new signal name can be the same as or different from the original Wi-Fi signal) , endlessly expand your wireless network to cover large areas and improve performance.

(2) AP mode:

AP mode: Wireless access point mode is a working mode that converts wired to Wi-Fi wireless. It is usually used in an environment where only wired access has no Wi-Fi signal in the current environment.

Settings: Insert the network cable into the network interface of the device, select "AP mode" of the "Work mode" (as shown in Figure 14), and click [Next] to enter the "Wireless Configuration" page. Set the 2.4G wireless SSID in "Extended 2.4G", set the 5.8G wireless SSID in "Extended 5G", and set the wireless password in "Wi-Fi password" (as shown in Figure 15). After clicking [Save], the device will restart and apply the new configuration work (as shown in Figure 16). In AP mode, the device indicator will be blue when the start-up is complete.

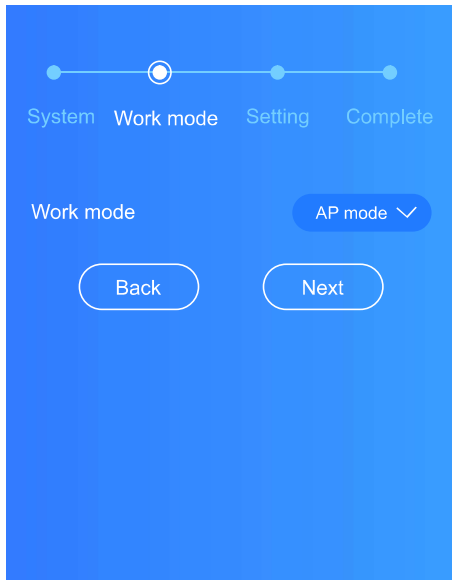


Figure 14

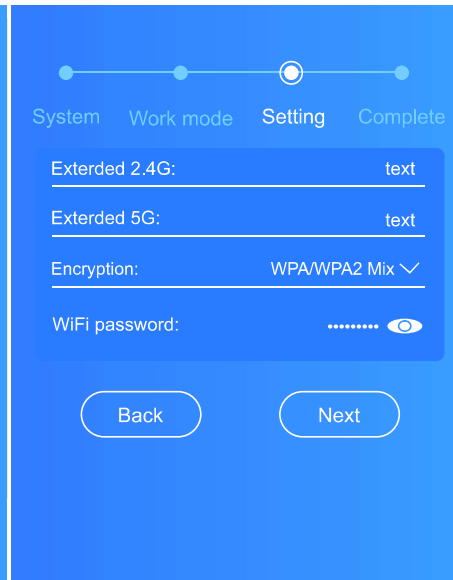


Figure 15

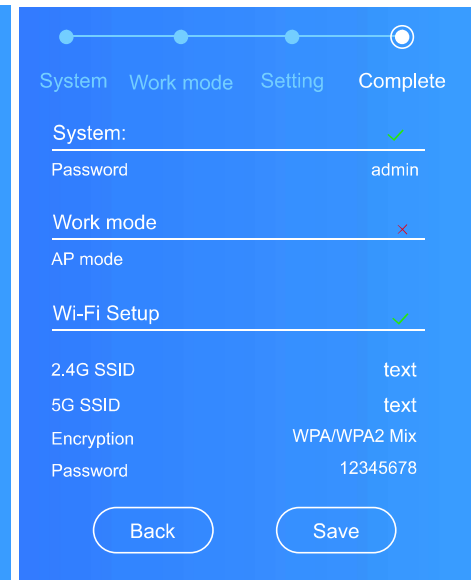


Figure 16

(3) Router mode:

Routing mode: Wireless router mode, you can set PPPOE, static IP access, automatic acquisition, usually used for modem dialing Internet access or static IP access mode.

Settings: Insert the network cable into the network interface of the device, select "Router mode" of the "Work mode"(as shown in Figure 17), and click [Next] to enter the "Routing Configuration" page. According to the network access mode, select "DHCP client", "sstatic IP" ,"PPPOE", in the "Internet settings". Set the 2.4G wireless SSID in "Extended 2.4G", set the 5.8G wireless SSID in "Extended 5G" and set the wireless password in "Wi-Fi password" (as shown in Figure 18). After clicking [Save], the device will restart and apply the new configuration work (as shown in Figure 19). In the routing mode, the device indicator will be blue when the start-up is completed.

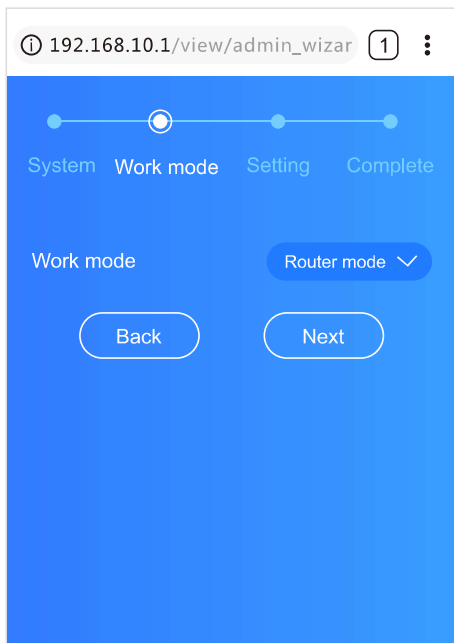


Figure 17

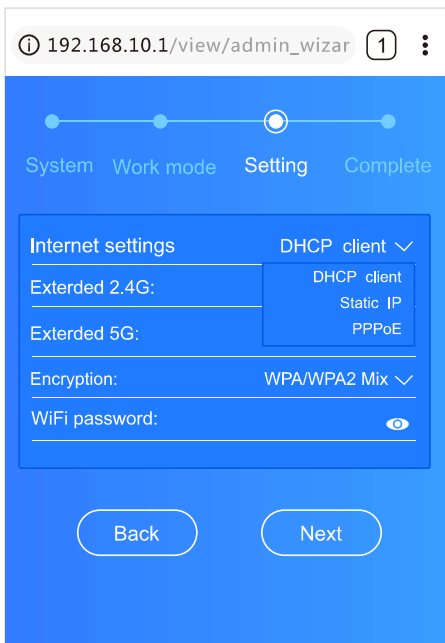


Figure 18

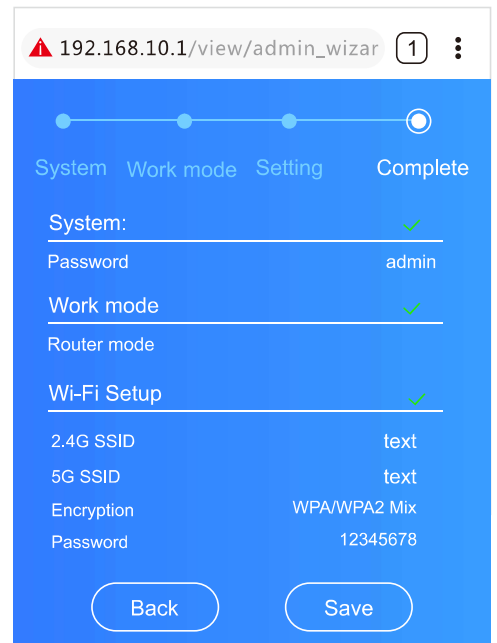


Figure 19

Frequently Asked Questions

1. After the device "repeater mode" configuration is complete, the indicator light flashes blue and the repeater signal cannot be connected to the Internet.

A: The blue indicator light flashes to indicate that the repeater is not successfully paired, which may be caused by these reasons:

(1) When the wireless router is filled in, the password is incorrectly entered.

Please check if the password is correct.

(2) The original signal is too weak. Please install your mobile device to a better Wi-Fi signal area to ensure the connection speed of the repeater signal and the Wi-Fi coverage signal.

2. After the setting is completed, the saving is unsuccessful, and the device prompts that there is no network?

A: Some mobile phones have the assistant prompts (as shown in Figure 4), click "CONNECT", otherwise the settings will not be completed. If the save is not successful, you will need to reconnect Wi-Fi_REPEATER Wi-Fi and reset it.

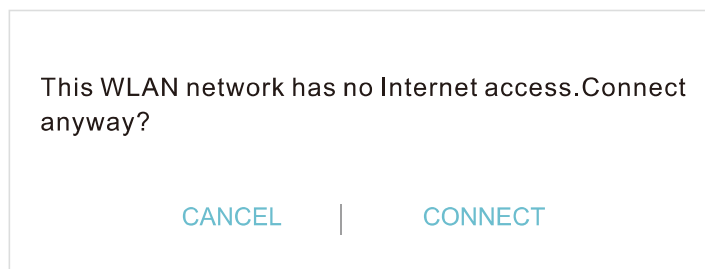


Figure 20

3. After using the device normally, you want to log in to the device configuration parameters.

A: Press and hold the WPS/Reset button for 6 seconds, the device will be restored to the factory settings, the device indicator light will flash blue, the wired device or Wi-Fi connection will be connected to the "WLAN_REPEATER" signal, and the browser will enter "192.168.10.1" to reconfigure the device.

4. Why is the WLAN-REPEATER Wi-Fi name not received after the setting is completed? Why is the browser page not responding after the setup is complete? Why is Wi-Fi disconnected?

A: After the setting is completed, the device will take effect with the new configuration. The default factory configuration will no longer be used. Please connect the newly set Wi-Fi name signal. It is recommended that you change the Wi-Fi name of the repeater to the same Wi-Fi name and password as the wireless router. When your mobile phone switches back and forth between the Wi-Fi router and the repeater, the mobile Wi-Fi will not be dropped and will seamlessly switch Wi-Fi!

5. After the configuration of the repeater mode is complete, the indicator light is blue, but the network port of the wired device cannot access the Internet.

A: The default state of the device is route mode, and the assigned address is only used as a configuration device. After the repeater is successfully relayed, restarting the wired network card or re-plugging the network cable, you can access the network.

6. What can't be relayed successfully?

A:

- (1) The original wireless router Wi-Fi name or password has a special symbol.
- (2) Some Wi-Fi relays are unsuccessful because they are restricted to relay or weak signals.

7. Which Wi-Fi can be forwarded by the repeater?

A:

- (1) Any mainstream wireless router on the market.
- (2) Mobile hotspots.
- (3) Wireless AP, 4G wireless router, etc.

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.