Multi-band Wireless Access Point

E2000

USER GUIDE

Revision V1.0

FCC ID: 2ATDI-E2000

Add.: Room 408,Ziyun Building,No.211,Xin'an 2nd Rd.,Bao'an District,Shenzhen,P.R.C.
Tel: 400-6800-186 Web: www.nradiowifi.com

FCC STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (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.

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 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.
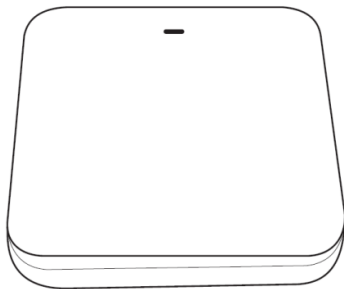
The device has been evaluated to meet general RF exposure requirement.

This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.
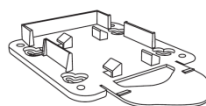
CE STATEMENT

This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures. This device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

● Packing List

AP*1	**backplane*1**	**screw*4**	**tube*4**

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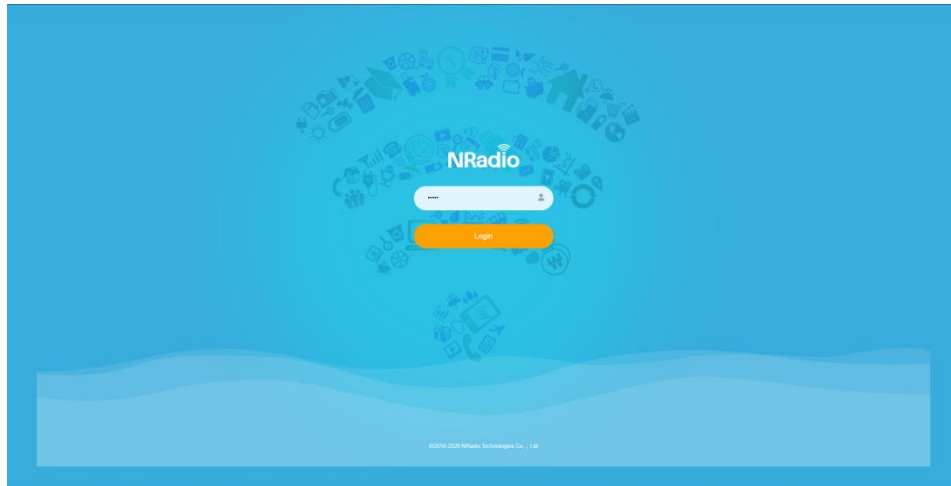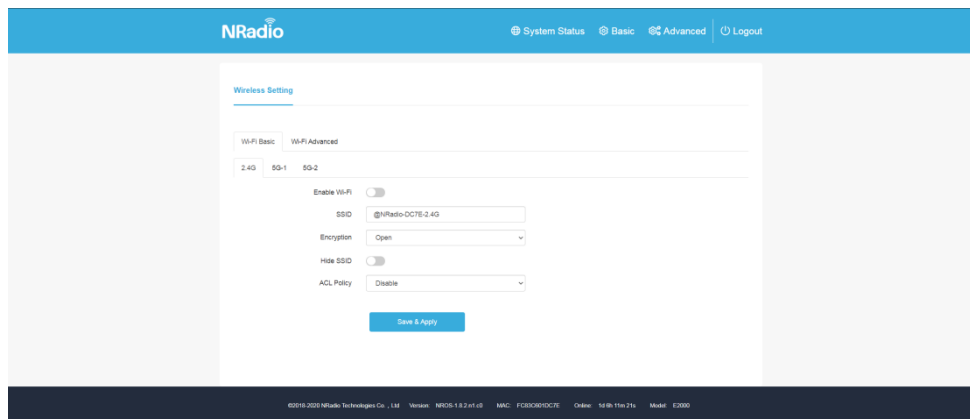Tel: 400-6800-186 Web: www.nradiowifi.com
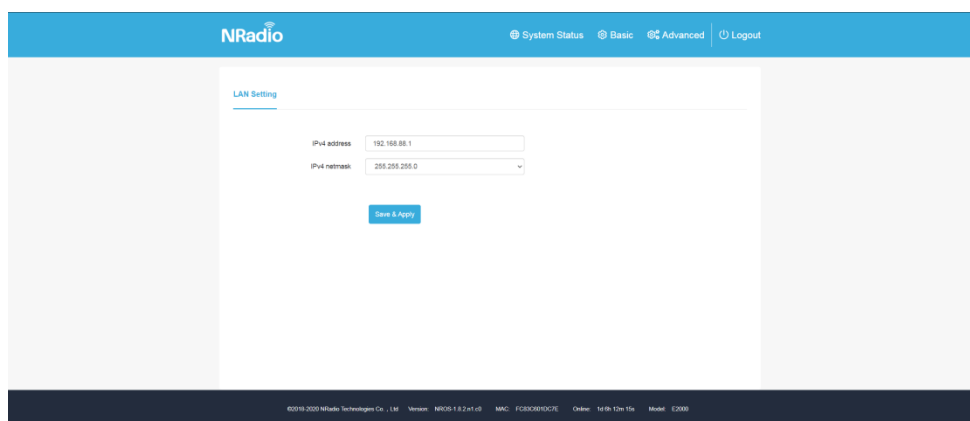
- **Network settings**

✧ **AP Mode**

1. Login management page. Set the PC's network card to static IP 192.168.88.X (1<X<255), connect to the device LAN port, open the browser and enter 192.168.88.1 to enter the management page. The default password is admin.
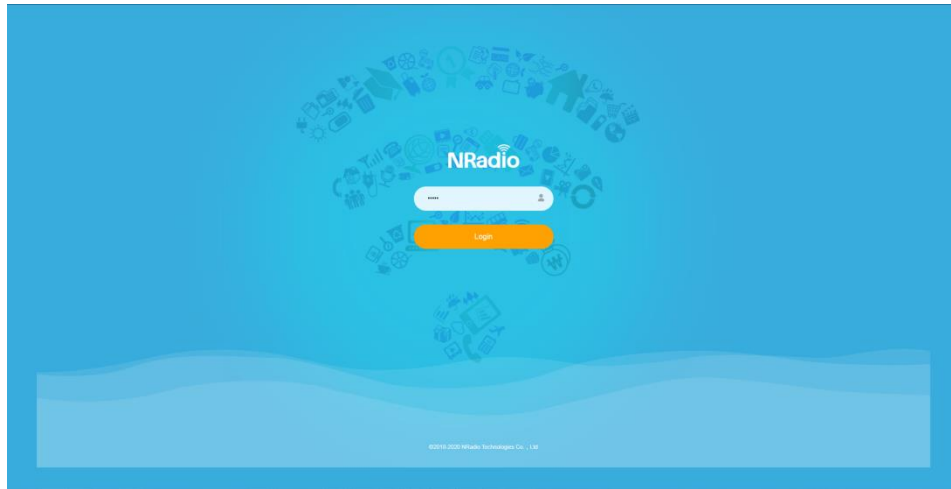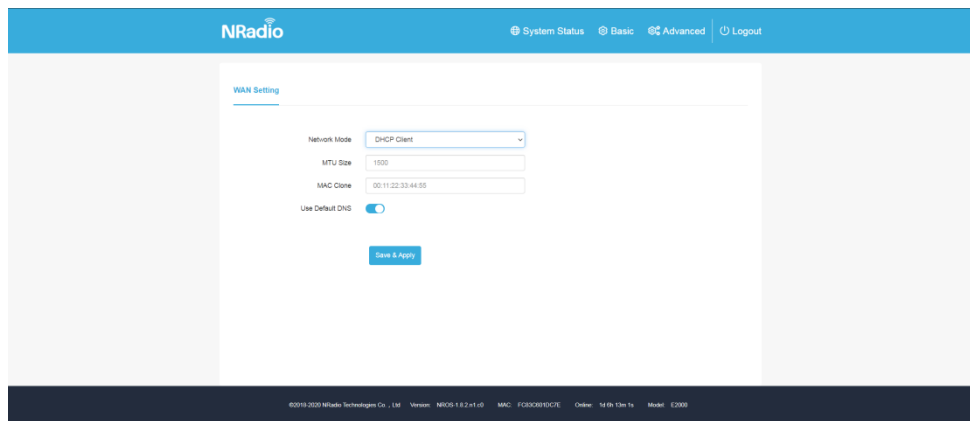

2. Modify wireless parameters.

3. Modify LAN IP.

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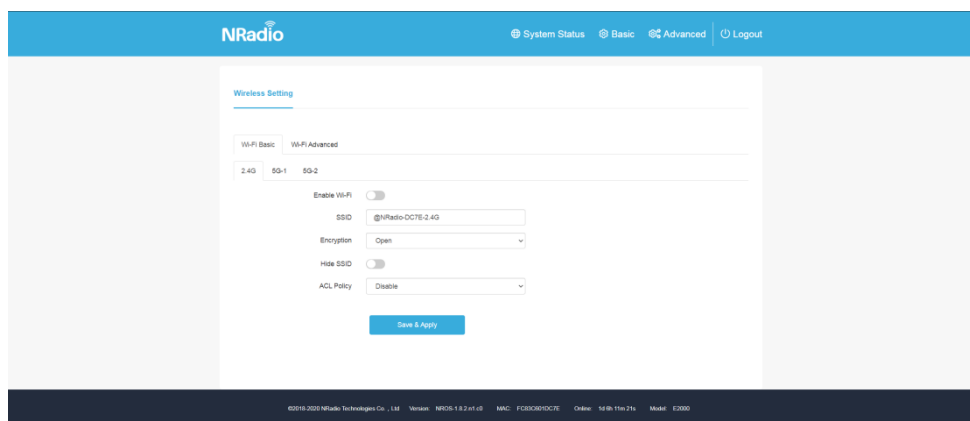Tel: 400-6800-186 Web: www.nradiowifi.com

◆ **Router Mode**

1. Login management page. Connect to the device LAN port, open the browser and enter 192.168.88.1 to enter the management page. The default password is admin.
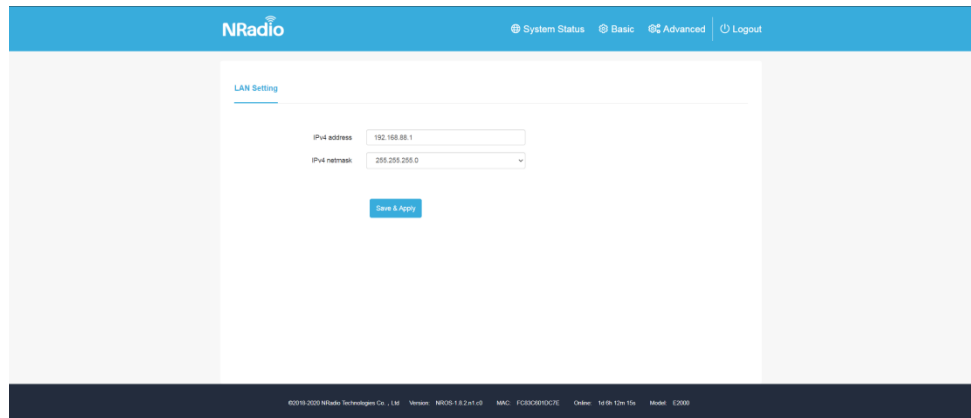

2. Modify WAN parameters.

3. Modify wireless parameters.

4. Modify LAN parameters.

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● Troubleshooting

✧ The Device is NOT working.

1. Check if the DC or PoE power supply is working properly.
2. Check if the network cable connection is normal.

✧ Unable to enter WEB management page

1. Check whether the network cable connection of the computer is normal. The network cable should be connected to the LAN port of the device.
2. Check if your computer's network card settings are correct.
3. Check if the management address IP entered by the browser is correct.
4. Check if the browser is set up with a proxy, or try changing your browser, computer, or network cable.
5. Check if the password is entered correctly.
6. The above five points are consistent, you still cannot enter the management page, it is recommended to press and hold the reset button for 10 seconds and then release, restore the factory settings

● Specification

Radio	Tri-band
Phy Data Rates	Up to 400Mbps (2.4GHz) Up to 1734Mbps (5.1GHz) Up to 867Mbps (5.8GHz)
Associated Clients	256

Wi-Fi Standards	IEEE 802.11a/b/g/n/ac
Supported Data Rates	802.11n/ac: 6.5Mbps – 173.4Mbps (20MHz) 13.5Mbps – 400Mbps (40MHz) 29.3Mbps – 1733Mbps (80MHz) 802.11a: 54, 48, 36, 24, 18, 12, 9 and 6Mbps 802.11b: 11, 5.5, 2 and 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps
Spatial Streams	2x2+2x2+4x4
Bandwidth	20MHz, 40MHz and 80MHz
Frequency Band	IEEE 802.11n: 2.4 –2.484 GHz and 5.15–5.85 GHz IEEE 802.11a/ac: 5.15–5.85 GHz IEEE 802.11b/g: 2.4–2.484 GHz
Guest Wi-Fi	Up to Eight(4) (2.4GHz) Up to Eight(4) (5GHz)
Configuration	CPU: One(1) dual-core and one(1) single-core processors RAM: 256MB ROM: 128MB
Interface & Ports	One(1) Gigabit Ethernet PoE port One(1) Gigabit Ethernet LAN port One(1) Auxiliary DC input port One(1) Reset button
Environmental Conditions	Operating Temperature: 32℉ (0℃) - 104℃ (40℃) Operating Humidity: 10% - 95% non-condensing
Power Draw	8.5W (standby) 16W (typical) 18W (peak) * Data from NRadio test lab with 100-meter CAT5e.
Power	PoE 802.3at 25.5W PoE Power Injector 12V/2A DC adapter

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