

AX1505 Wi-Fi6

Wireless Repeater Instruction manual



AX1505ENSG100

V1.0.0

Usage safety notice

The following is the requirements for the correct use of the product. To prevent danger and prevent property from being damaged, please read carefully and strictly observe it when using it.
Operating requirements



Danger

- It is best that the working ground of the device is not shared with the grounding device or lightning protection grounding device of the power equipment, and should be as far away as possible.
- Please use the supporting power supply with the product, and it is strictly forbidden to use other non-supporting products. The power supply voltage must meet the input voltage range of the special power cord



Notice

- This device is only allowed to be used indoors, and it is placed in a dry and ventilated place. Please place the device on a stable countertop, otherwise once it falls, it will damage the device to the device.
- During the installation and use of this device, the electrical safety regulations of the state and use areas must be strictly complied with.
- When operating this device in wiring, disassembly, etc., please break the equipment power supply. Do not operate with power.
- Please ensure that the work environment of this equipment is cleaned. Excessive dust can cause static electrostatic adsorption, which will not only affect the life of the equipment, but also cause communication failures.
- The access to the Internet may face network security issues. Please strengthen the protection of personal information and data security. When you find that the device may have hidden dangers of network security, please contact us in time.
- Please understand that you have the responsibility to reasonably configure all the passwords and other related product security settings, and properly keep your username and password.

Quick Operation Guide

1.1 Preparatory work

- Please check whether the items in the package are complete or damaged. If there is any abnormality, please contact the after-sales staff.



Instructions

The detailed configuration is subject to the actual product.

Table 1-1 Packing list

Serial number	Name	Quantity
1	AP host	1
2	Instruction manual	1
3	Cable	1

- Insert the DC power plug into the DC interface of the device and receive the PC's mesh to the LAN of the relay. After the system is started normally, the power light lights often on.

1.2 Configuring router

- Step 1 Use a mobile phone or laptop, search for Wi-Fi signals, and connect the Wi-Fi name: "Re1505AX-XXXX" or "Re1505AX-XXXX-5G" (xxxx is the latter four of the MAC address of the device), the default Wi-Fi passwordless password.
- Step 2 Open the browser, enter "192.168.0.1", return to the device management interface (the default administrator user name "admin"), and enter the device management interface after "Login".

Picture 1-1 Login page



1

Picture 1-2 Setup wizard



- Step 4 Enter the network method to guide the page, and the networking method can be changed according to the needs. The configuration completes "Next".

The networking method includes "Repeater" and "AP".

- If your broadband needs to access the Internet Wi-Fi, please select "Repeater".
- If your broadband does not require any settings, you can access the Internet. Please select "AP" for the network.

This manual takes "Repeater" as an example to introduce the configuration process in detail. Other processes, such as "AP", will not be demonstrated here.
After completion, press "Next".

2

Picture 1-3 Networking Method



- Step 5 Enter the Wi-Fi settings page, and set the Wi-Fi name and password according to the page prompts. When you close the synchronous upper router, you can configure the Wi-Fi name. After the configuration is completed, press "Next". (Note: After opening the "Synchronous Upper Router" switch, the Wi-Fi name of the same upper router can be realized.

Picture 1-4 Wi-Fi Settings



3

- Step 6 On the Set Administrator Password page, set the administrator password as prompted. If the Synchronize Wireless Network Password button is enabled, the device administrator password is automatically synchronized. The password is the same as the Wi-Fi password. To disable Synchronize Wireless Network Password, you need to configure a password. After the configuration, click Next.

Picture 1-5 Device administrator password Settings



4

- Step 7 The Wi-Fi network name, Wi-Fi Password, and Device Administrator Password are displayed on the summary page. After verifying the information, press Finish. The message "Working mode will be changed to router mode." When reconnecting this device, use the newly created Wi-Fi name and password." After 50 seconds, a message is displayed indicating that the new Settings have been saved. Press OK to complete the configuration.

Picture 1-6 Summary



- Step 8 Search for the new Wi-Fi name and enter the password. After the connection is successful, enter hknknet.local/ in the browser to access the device management page.

Picture 1-7 Login page



5

1.3 Indicator and function

Table 1-2 Description of Indicators and function buttons

Indicator light and button	Instructions
Indicator light	<ul style="list-style-type: none">During the system startup process:<ul style="list-style-type: none">Power Light: The green light flashesSIGNAL Light : Light goes outWPS Light: Light goes outAfter the system starts normally :<ul style="list-style-type: none">Power Light: Steady on after power-onWPS light: WPS light green ---When the WPS network or MESH network is made, the green light flickered, and the net flickering stopped after the network was successful.Signal Light: Signal strength Green --- After the trunk or WIFI MESH upper end router is successful, the signal strength of the upper end router is less than -50 dbmSignal strength green light, red and green at the same time --- After the relay or WIFI Mesh upper router is successful, the upper router signal strength is between -51dbm and -70dbmSignal strength green light red --- After the upper router of the relay or WIFI Mesh is successful, the signal strength of the upper router signal is greater than -71dbm
RESET button	Restore the factory settings button, and press for 10 seconds to restore the factory settings and automatically restart.
WPS button	Press the WPS button for 1 second to start the WPS function.

FCC WARNING 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.

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. To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum 20cm distance between the radiator and your body. Use only the supplied antenna.

6