



WiFi Halow™ Extender

— USER MANUAL —

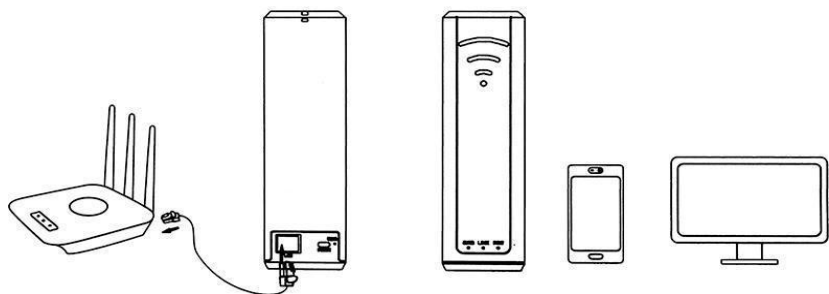


OVERVIEW

1 . What is Wi-Fi HaLow

AH WiFi HaLOW Extender point-to-point long-distance wireless access, 20DBi high-gain antenna, 100Mbps 2.4G WiFi Halow Extender, supports 3000 feet of outdoor transmission distance, the distance through the wall can reach 300M, Wifi penetration is stronger, to achieve mobile wifi full coverage, Easy to carry, no need to set up USB plug and play, suitable for outdoors, gardens, apartments, can transmit wifi signal to any network device, so that wifi is everywhere

2.Specification



category	parameter	explain
wireless performance	Protocol	IEEE 802.11ah, (902-928MHz) IEEE 802.11b/g/n (2412-2472MHz)
	Communication bandwidth	8MHz
	data rate	maximum 16Mbps
	Receiver sensitivity	1M PPDU MCS=10 -105dbm; 8M PPDU MCS=0 -95dbm; 8M PPDU MCS=7 -81dbm
	Number of supported network nodes	Up to 8 access points
	transmit power	20dBm 100mW
	debugging method	BPSK, QPSK, QAM16 or QAM64
	Transmission distance	The maximum distance is 1000 meters, and the non-communication distance is 300 meters
	safety regulations	WPA2-PSK
	Encryption	AES
hardware	Network port	10/100Mbps
	power supply	Type-c5V/1A
	LED light indication	Power Indicator connection indicator Link indicator
	Antenna interface	built-in antenna
electrical properties	Input voltage	5V1A
	Maximum current	500mA
	Working average power consumption	1.5W
	Operating temperature	-20 °C ~ 70 °C
	storage temperature	-30 °C ~ 80 °C
	Working humidity	10%~90%
	storage humidity	5%~95%
size	Product Size	53 (diameter) x18.6 (high) mm
	product weight	120g

3. Package Included

- 1 * Instruction manual
- 2 * 5V1A power adapter
- 2 * Ethernet Cable
- 2 * W i F i Halow Etender

Packing list



4. Interface Details



Quick Start

1.Installation steps

- ①Connect the AH Transmitter(with a network)to the router via an Ethernet cable.
- ②Power on the AH Transmitter,the POW and RX/TX lights will keep on after the self-test is completed.
- ③Place the AH Extender where the network is needed,connect the power supply,and the POW and SYNC lights will be on.
- ④When the SYNC light on the transmitter is also on,the transmitter and extender are connected.



2.How to set up WiFi password

- Step 1 : Search SSID named “ AH-WiFi*****” in WLAN settings of your phone (Figure 1)
- Step 2 : Enter the password: “ 12345678” , click on Connect, at the same time the LINK light is on, and then you can go online (Figure 2)

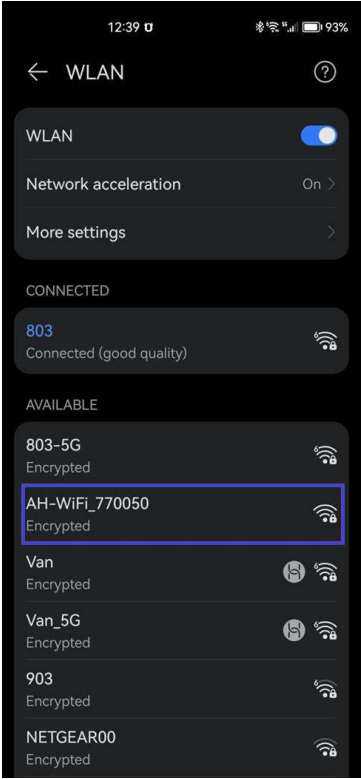


Figure 1



Figure2

Step 3 : If you need to modify the default SSID name and password, please follow the following steps: Click on “ Modify Network ” to start modifying the parameters first (Figure 3)

Step 4 : Change the way the phone obtains IP from DHCP to static mode and use the static IP address 192.168.123.200; set th Router as 192.168.123.1; set the Subnet Mask as 255.255.255.0; set the DNS Server as 192.168.123.1, and then click Save (Figure 4)



Figure 3

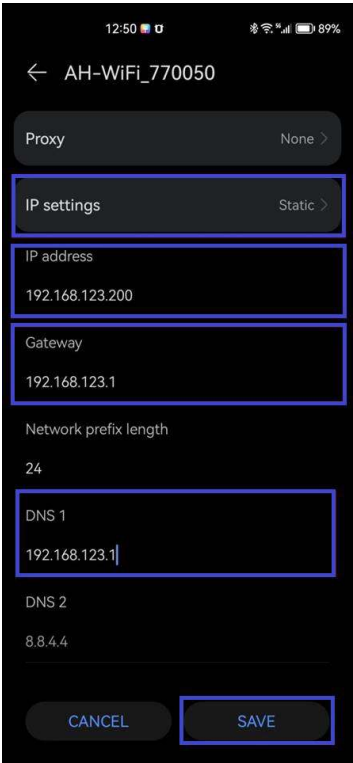


Figure 4

Step 5 : Enter the address “ 192.168.123.1” in the web browser from your mobile phone,then you will enter into the manangement web page, You can view all pages by pressing the menu button in the upper left corner of the interface If you couldn’ t access the management web page, Please check if the phone is connected to the AH Extender.Only the LINK light of the AH Extender is on that indicate the phone is connected successfully) (Figure 5)

Step 6 : The wireless settings page allows you to set and modify the WiFi SSID name, encryption method, and password. Click the save button to apply the settings, click the restore button to clear the content ?lled in on the webpage. After the modification is completed, the IP will be statically changed back to DHCP, so that you can access the internet normally (Figure 6)

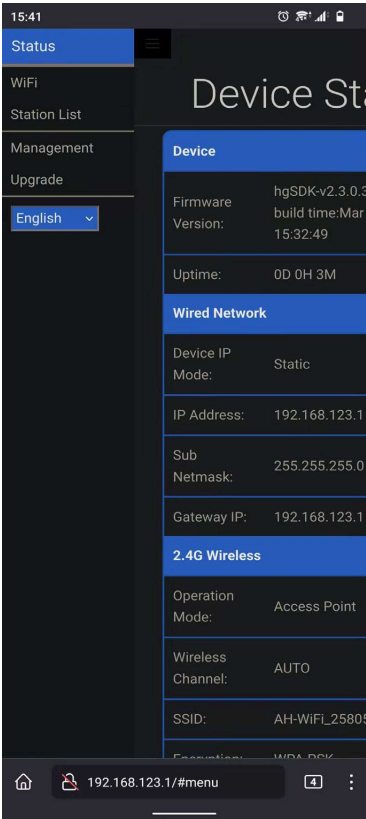


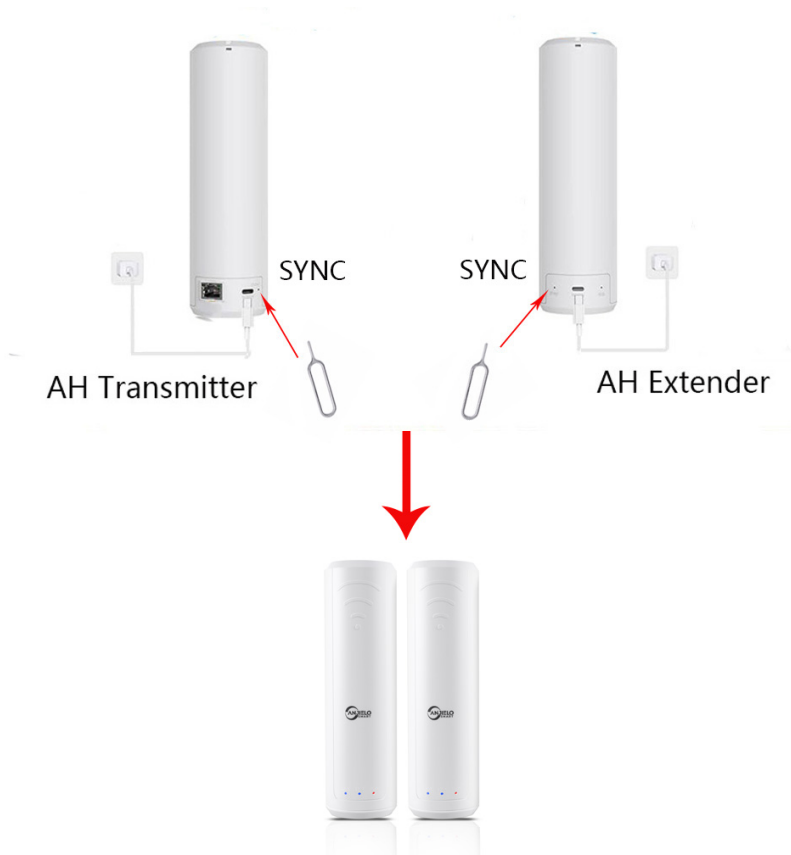
Figure5



Figure6

3.How about matching?

- ①.Connected the two WiFi extenders to the power supply,
- ②.The thimble is inserted at the same time to open the pair switch
- ③.The SYNC lamps light up at the same time to indicate successful pairing.



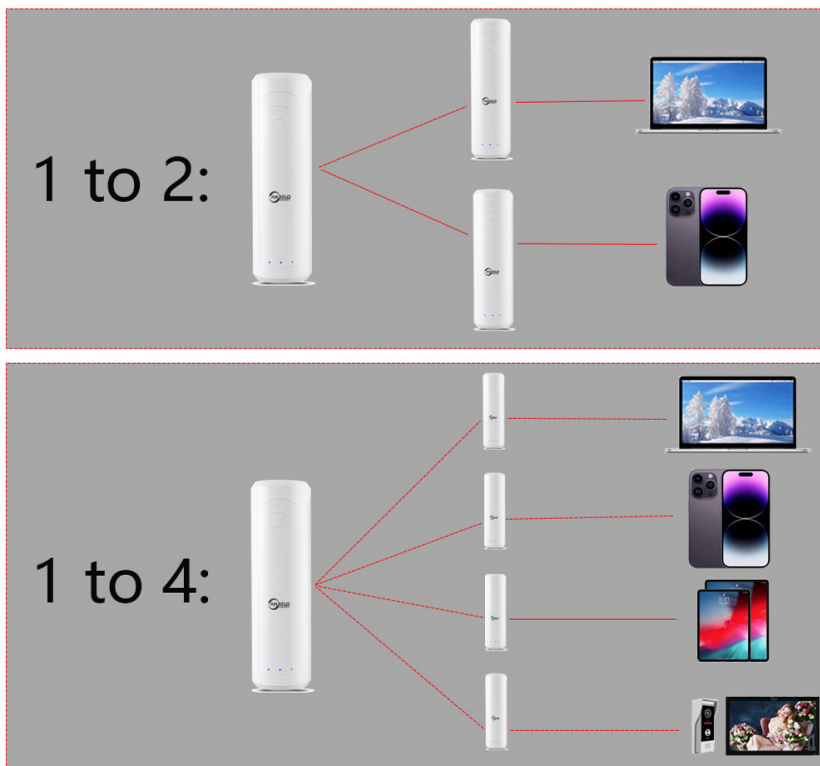
Application Case

Case 1: Point-to-point extended network WiFi range

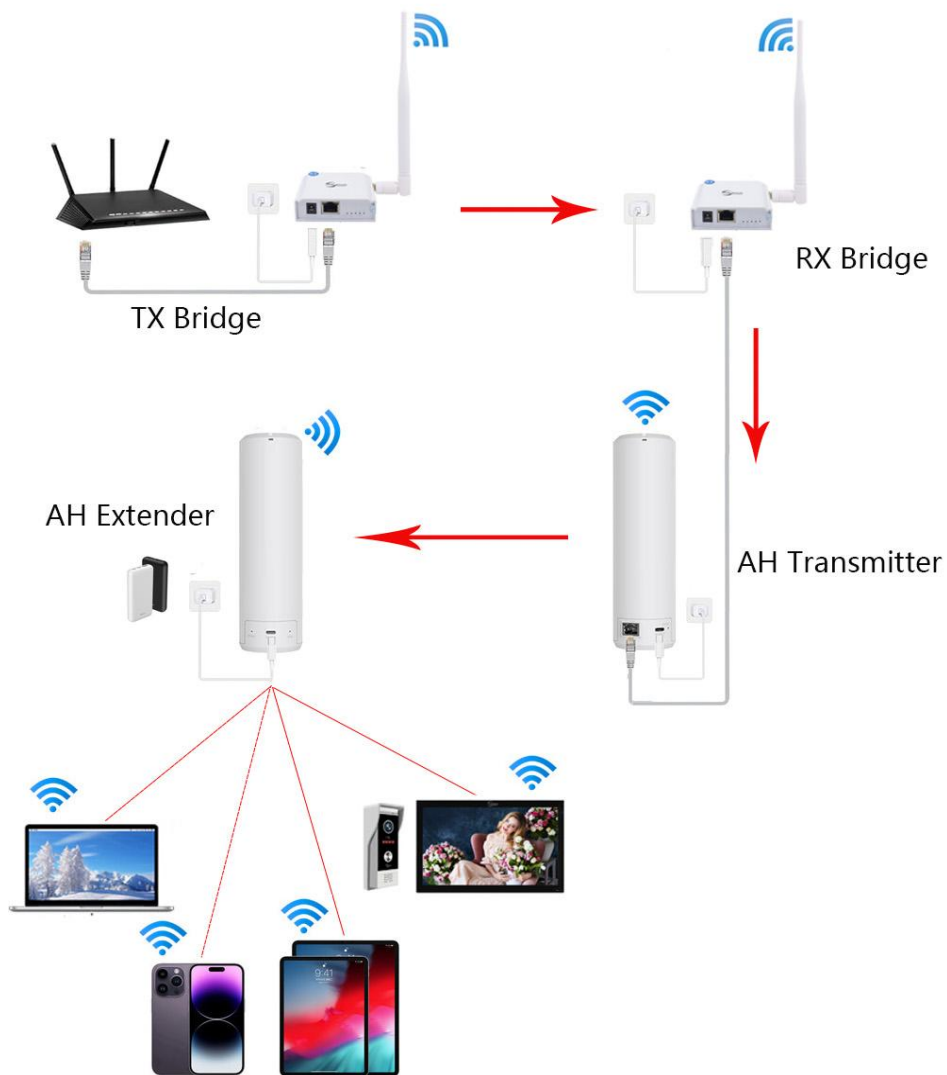
Suitable for extending the network to second buildings, such as garages, shops,barns,etc.



Case 2 :Point-to-multi point extended network WiFi range



Case 3 : Wired network to wireless network



Technical Support and Service

A.Thank you for your order and for using Anjielo Smart WiFi Halow Extender,please read the manual carefully before use.If there are any problems during the use,please contact us in time

B.The installation of this device requires some network knowledge.If you can't install it,please let us know or contact professional.



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