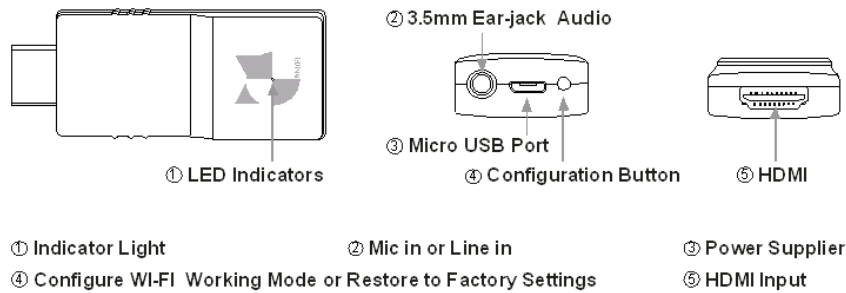


HEV-2KW

Quick Installation Manual

Thanks to use DDMALL products, please read this quick installation manual before using and keep it for reference

Appearance and Functionality Introduction



Picture 1

☞ **Set Button**

Press and hold for about 3s: switch work mode between AP mode and Client mode.

Short press (less than 3s): one-click to start or stop RTMP live streaming.

Press and hold for about 10s: reset to factory settings.

☞ **Indicator:**

Light off: device is power off, please power and start the device.

Flash in yellow slowly: device is in AP mode.

Solid in red: device is in Client mode, and doesn't connect network yet.

Solid in green: device is in Client mode, and has connected network successfully.

Flash in green slowly: device is in Client mode and RTMP live streaming is connecting.

Flash in green quickly: device is in Client mode and RTMP live streaming has connected.

Flash in red and green alternately: reset to factory settings.

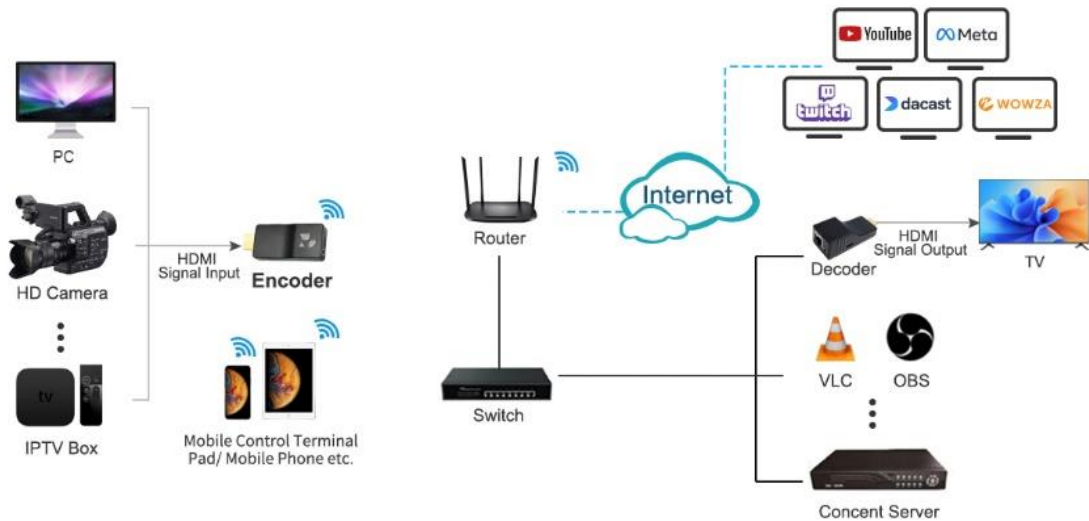
☞ **Work Mode**

AP mode: HEV-2KW works as WIFI AP device, providing web service with embedded setting page. The control terminal such as laptop, mobile phone, tablet etc. can connect to this WIFI network to load the HEV-2KW setting page through the browsers to configure the parameters.

Client mode: HEV-2KW joins the local area network or Internet by connecting AP hotspot or WIFI router, and performs AV transmission or live streaming regarding the set protocols or related parameters.

Hardware Installation

HEV-2KW typical application system connection chart shows as Picture 3:

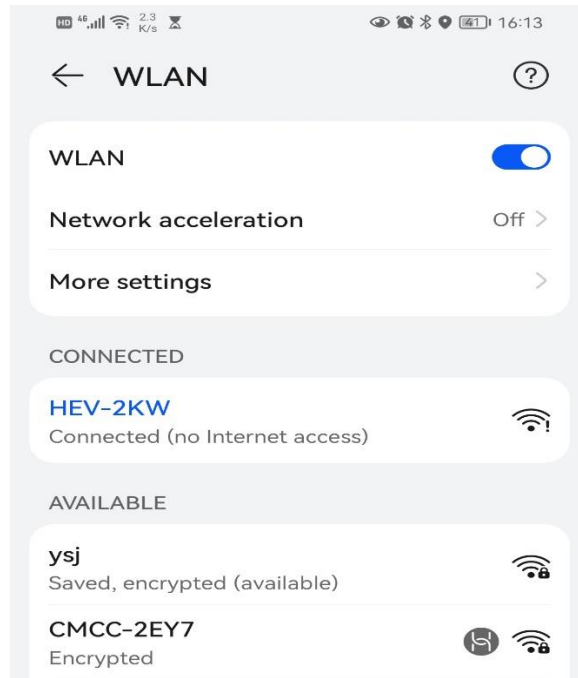


Picture 2

- 1, Connect HDMI input of HEV-2KW to HDMI signal source.
- 2, Power HEV-2KW.
 - Note: HEV-2KW can take power from almost HDMI signal source without additional USB cable to power it. However, the power voltage of some HDMI output is too weak to support the normal work of HEV-2KW, we recommend you to power the device by an extra USB cable (power requirement: DC 5V/1A).
- 3, The indicator of HEV-2KW will light up in red when it is powered normally, and turns to flash in yellow about 10s later (by default, device is in AP mode).
 - Note: for the first time, please login to HEV-2KW web setting page in AP mode to configure network settings. If the device isn't in AP mode, please press and hold the set button for about 3s to switch to AP mode (indicator flash in yellow).

Network Settings

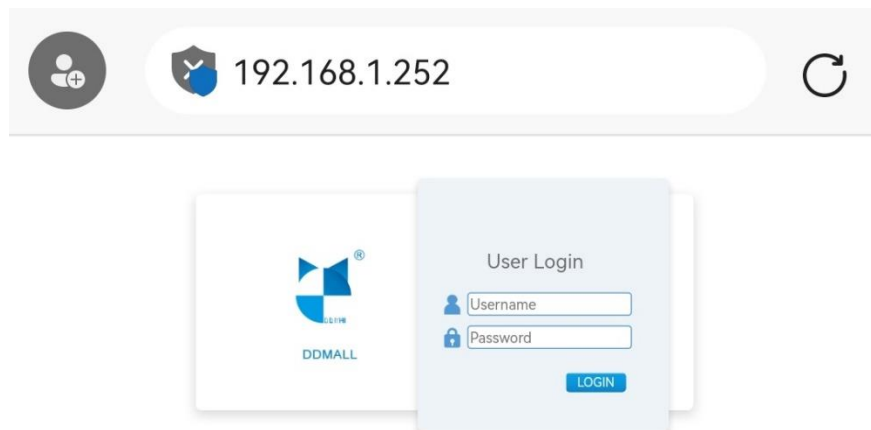
- 1, Put the WIFI toggle of mobile phone or laptop to the "on" position, connect to HEV-2KW AP SSID "HEV-2KW", and type default password "12345678" to connect to hotspot of HEV-2KW.



Picture 3

Note: when one mobile phone works as AP hotspot of HEV-2KW Client mode to provide WIFI network connection, then this mobile phone cannot connect the SSID of HEV-2KW AP mode simultaneously. Please change another mobile phone or laptop to connect SSID of HEV-2KW AP mode.

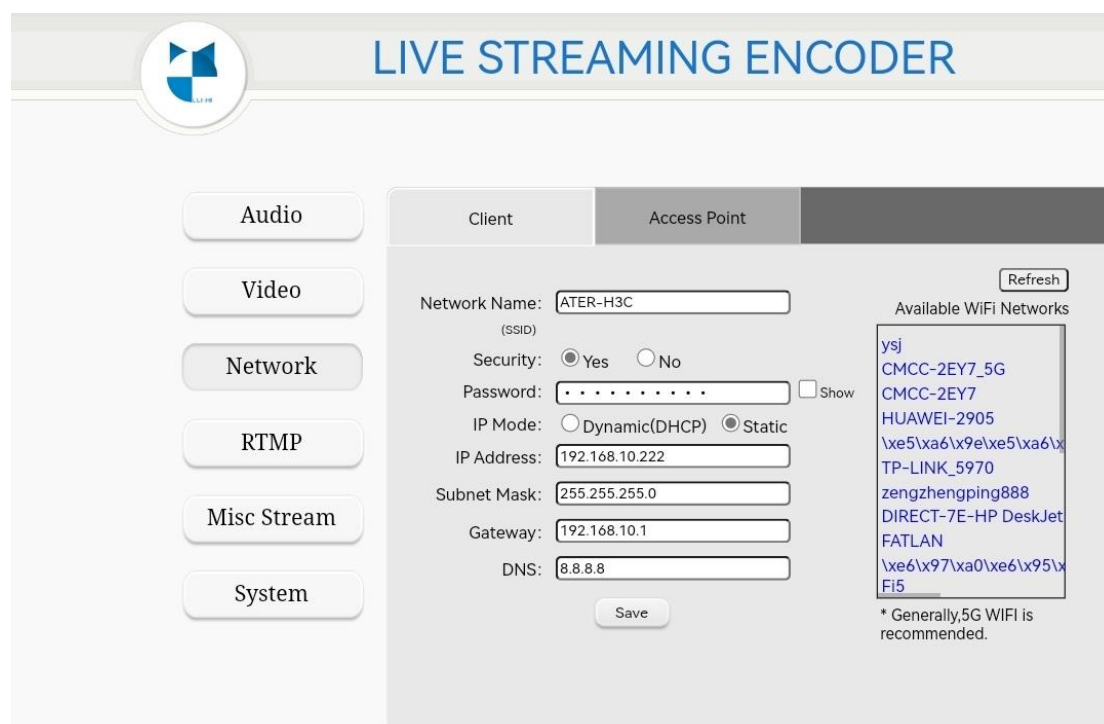
2, Open the browser of mobile phone or laptop, type “192.168.1.252” (default IP of HEV-2KW AP mode), load the HEV-2KW login page, and type default user name and password (admin/admin) to load the HEV-2KW web setting page.



Picture 4

3, Click “Network” icon on the left menu of web setting page to direct to Network setting interface, where you can set up the mobile AP hotspot or WIFI router, which HEV-2KW Client

mode need to connect, and set the IP address of Client mode.



Picture 5

1) Network Name (SSID): It is the AP hotspot or WIFI router SSID that HEV-2KW Client mode need to connect. We recommend to use 5G network.

- ✓ You can manually type AP hotspot or router SSID, or you can choose from the Available Wi-Fi networks list on the right.
- ✓ If the AP hotspot or router SSID is set to be hidden, please manually type SSID required.
- ✓ If the AP hotspot or router SSID isn't set to be hidden, but you can't find it from the Available Wi-Fi networks list, please click the Refresh button on the right upper corner and the HEV-2KW will re-search the surrounding WIFI.

2) Password: If the AP hotspot or router WIFI is encrypted, please check Yes on the Security box, and type the WIFI password of the corresponding AP hotspot or router on the Password field.

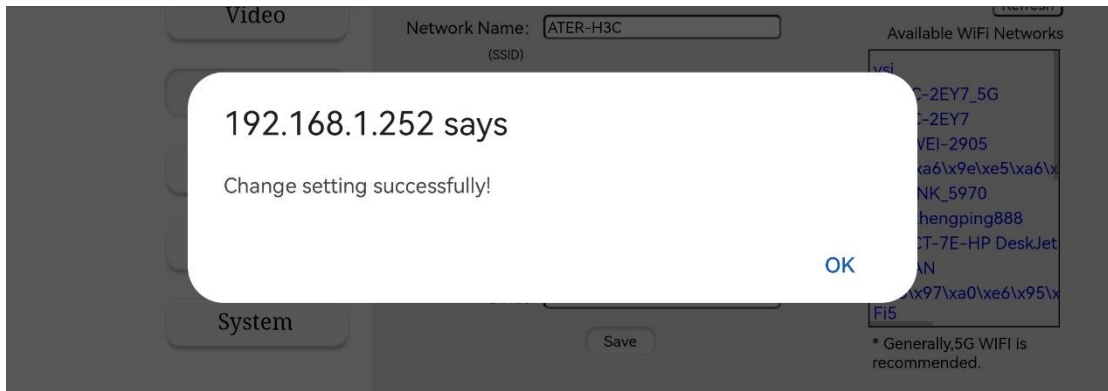
3) Client mode IP Setting (IP mode/IP Address/Subnet Mask/Gateway/DNS)

IP Mode: DHCP or Static

- ✓ If DHCP is checked, then the Client mode IP is dynamic one. IP Address/Subnet Mask/Gateway/DNS will be automatically assigned by the DHCP server (such as the connected router) on the local area network of HEV-2KW. You can login to management interface of the router to check the assigned IP

address of HEV-2KW; or you can switch to the device AP mode to load the web setting page of HEV-2KW, and see the IP address on the Network page.

- ✓ If Static is checked, then the Client mode AP is fixed one, you need to manually configure the IP Address/Subnet Mask/Gateway/DNS. Please make sure the IP Address must be on the same network segment of the AP hotspot or WIFI router that HEV-2KW has connected.
- 4, Click Apply to complete settings. It will pop up “Change setting successfully!” to remind you of completion of settings.




Picture 6

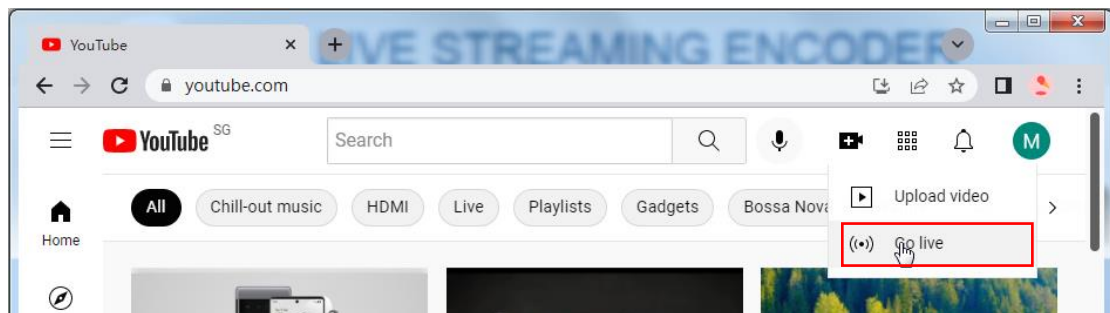
- 5, Switch to Client mode to perform AV transmission or live streaming.
- ✓ Press and hold the set button for about 3s in AP mode, and release the button when the indicator turns to red. The device will be in Client mode.
 - ✓ The indicator of HEV-2KW will be light up in green when it connects to AP hotspot or WIFI successfully in Client mode (when switching to Client mode, the indicator will light up in red firstly and turns to green about 5s later when it has connected AP hotspot or WIFI successfully).
 - ✓ If the indicator is always in red, it indicates that HEV-2KW hasn't connected AP hotspot or WIFI. You need to switch back to AP mode to load the HEV-2KW setting page to check whether the router's SSID and Password is correct. Click Apply after set it correctly and switch to Client mode again.
- 6, When HEV-2KW works in Client mode, the control terminal such as mobile phone or laptop must be on the same local area network with HEV-2KW and the IP address on the same network segment with HEV-2KW so that you can login to HEV-2KW web setting page to configure the encoder (login to web setting page by the HEV-2KW Client mode IP).

Parameter Settings

- 1, After completing network settings, switch HEV-2KW to Client mode. Make sure the control terminal such as mobile phone or laptop is on the same local area network and IP address on the same network segment with HEV-2KW.
- 2, Open the browser of the mobile phone or laptop, type HEV-2KW Client mode IP address to load the HEV-2KW login interface, and type default user name and password (admin/admin) to direct to HEV-2KW web setting page.
- 3, On the web setting page, you can configure the parameters of Audio, Video, Network, RTMP, Misc Stream (RTSP, UDP, SRT, HLS), System etc. please refer to **HEV-2KW User Manual 9, Parameter Settings** for details.

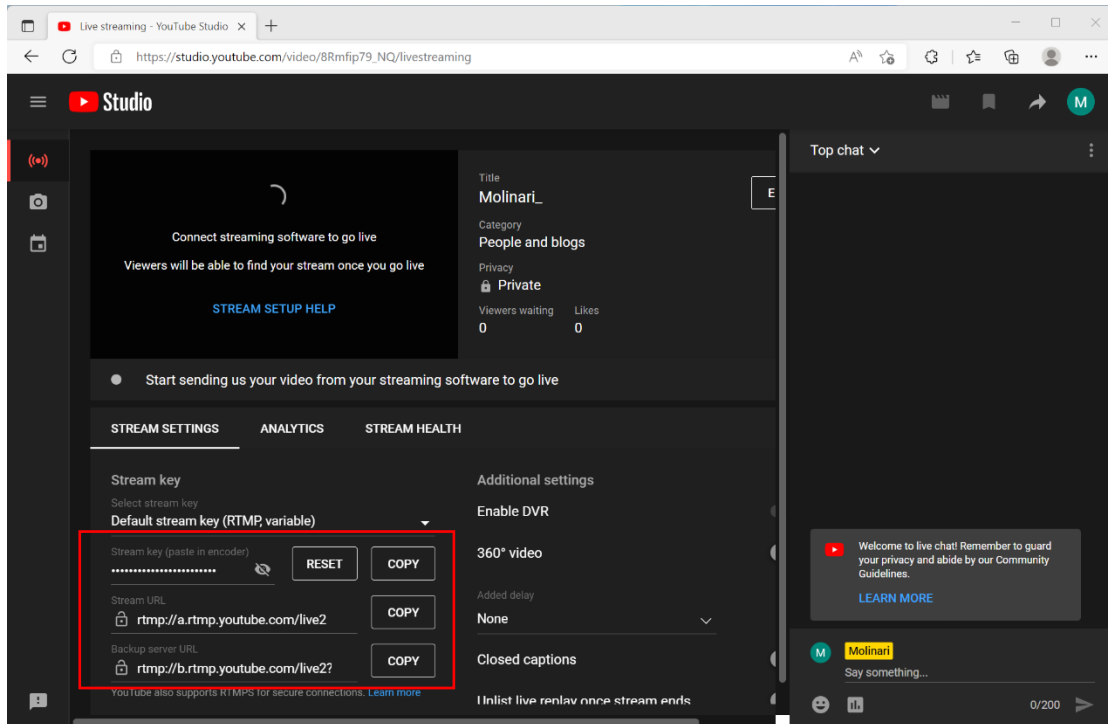
YouTube Live Streaming Setting

- 1, Login in to your YouTube account, choose  on the right upper corner, and click Go Live to direct to live streaming interface.



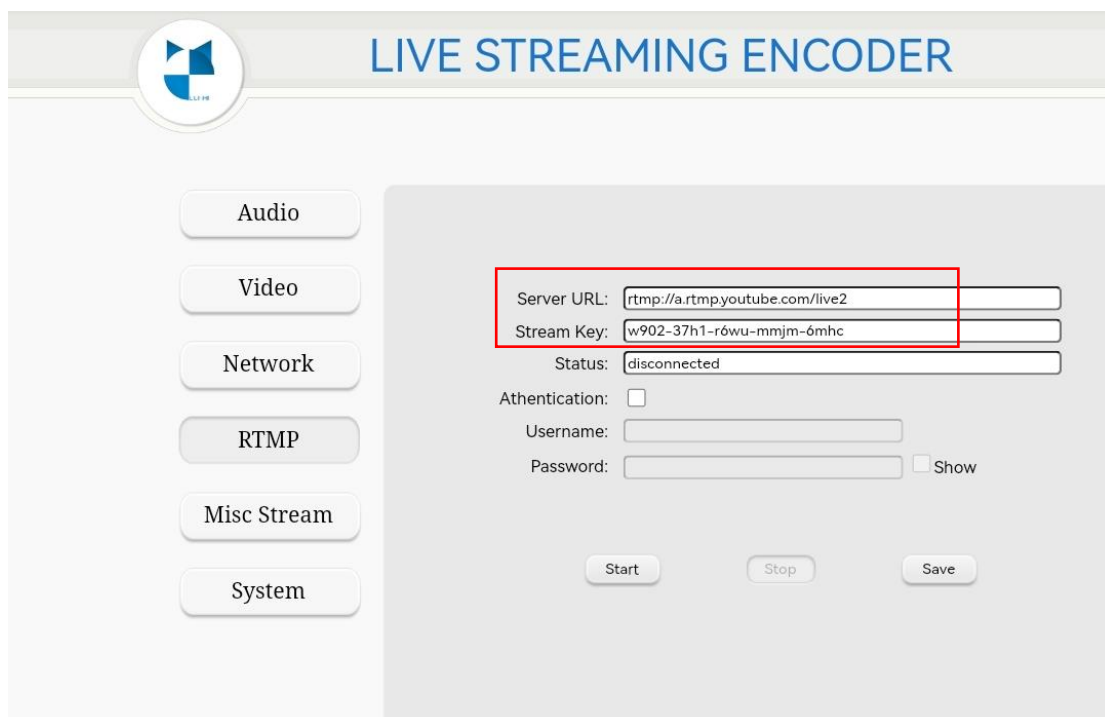
Picture 7

- 2, On the live streaming interface, you can see the Stream URL and Stream key of YouTube live streaming.

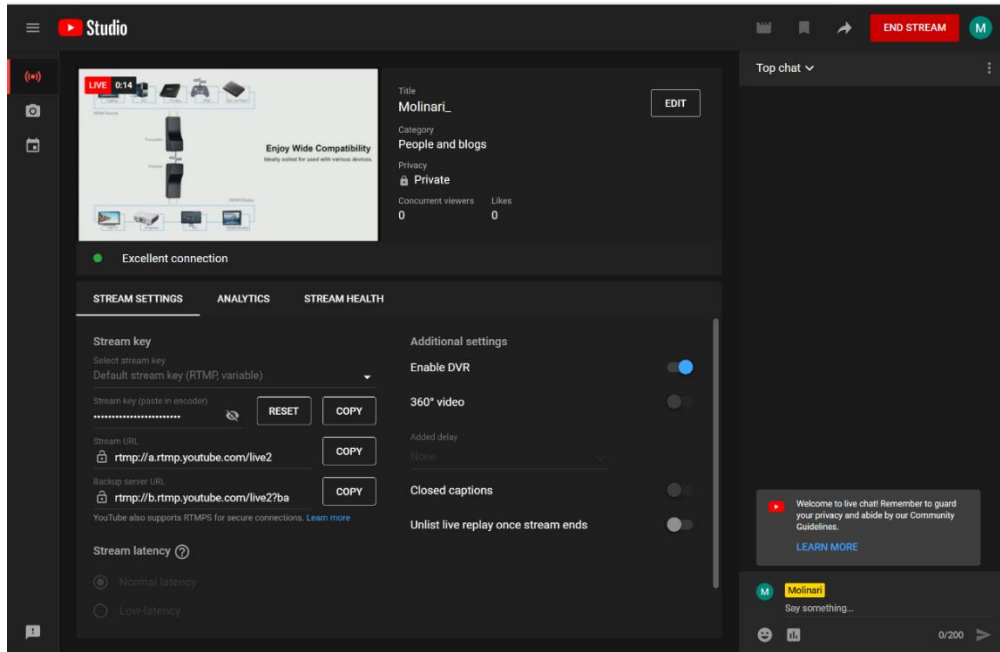


Picture 8

- 3, Login to HEV-2KW web setting page and load the RTMP setting page.
- 4, Paste the Stream URL and Stream key of YouTube to the Stream URL and Stream key field of HEV-2KW on RTMP page. For example, paste the Stream URL and Stream key into Primary Stream NO.1, that means you will push RTMP stream by the first channel of Primary Stream.



- 5, Click Start to push stream to YouTube. When the Status shows Connected, it means that the device pushes streams to YouTube successfully.
- 6, On the YouTube Live streaming page, you can check the live video status.



Picture 10

FAQ

Q: HEV-2KW hotspot SSID cannot be searched.

A:① Check whether the HEV-2KW is powered normally, and power the device by USB cable.

Note: HEV-2KW can take power from almost HDMI port of signal sources. However, when some HDMI output voltage is too weak to support normal work of HEV-2KW, please use USB cable to power the HEV-2KW (Power requirement: DC 5V/1A).

② Observe the HEV-2KW indicator status. Make sure it is AP mode (indicator flashes in yellow).

③ Check whether the segment band of AP mode is modified to 5G. if it is modified to 5G, then some terminals such as mobile phone, laptop etc. which doesn't support 5G cannot search the encoder SSID. We recommend you to change to a terminal, which can support 5G to do searching again.

Q: Users cannot login to HEV-2KW web setting page.

- A:**
- ① Check whether the HEV-2KW is powered normally. Power the device by USB cable.
 - ② If the HEV-2KW is in AP mode (indicator flashes in yellow), please put the WIFI toggle of mobile phone or laptop to “on” position, connect HEV-2KW hotspot, and open the browser to type 192.168.1.252 (AP mode IP address) to load the web setting page.
 - ③ If HEV-2KW is in Client mode and connects network successfully (the indicator lights up in green), please make sure the mobile phone or laptop is on the same local area network with HEV-2KW, and the IP address is on the same network segment with HEV-2KW. The open the browser to type HEV-2KW Client mode IP address to load the web setting page.
 - ④ If HEV-2KW is in Client mode but it hasn’t connected to network (the indicator lights up in solid red), please switch the device to AP mode to load the web setting page to configure the network settings.

Please refer to **HEV-2KW User Manual 10, FAQ** for more questions and answers.