

KC868-H8&KC868-H32 Smart Relay Device (Wi-Fi Version) User Manual

There two steps for using the device of KC868-H8 or KC868-H32:

Firstly: to configure Wi-Fi and get the device into the internet via Wi-Fi

Secondly: Scan the QR code; add the device into the Kincony mobile APP for controlling

Or open the programs in the computer for controlling.

Hereby, we only introduce the first step to configure the Wi-Fi and get the device into the internet; For the second step of controlling the device, please read the user manuals for APP and PC program. More detail information on our website with below link: www.kincony.com/document

How to configure the Wi-Fi and get the device into the internet, let's start the below steps:













Firstly: the hardware and the software tools required

1. one computer with the function of the wireless; when your computer is without the wireless, you can use the wireless modem showed as below picture, it's drive-free, plug and play.



2. Network configuration software tool, please visit our website to download the tool, link as www.kincony.com/document

Download

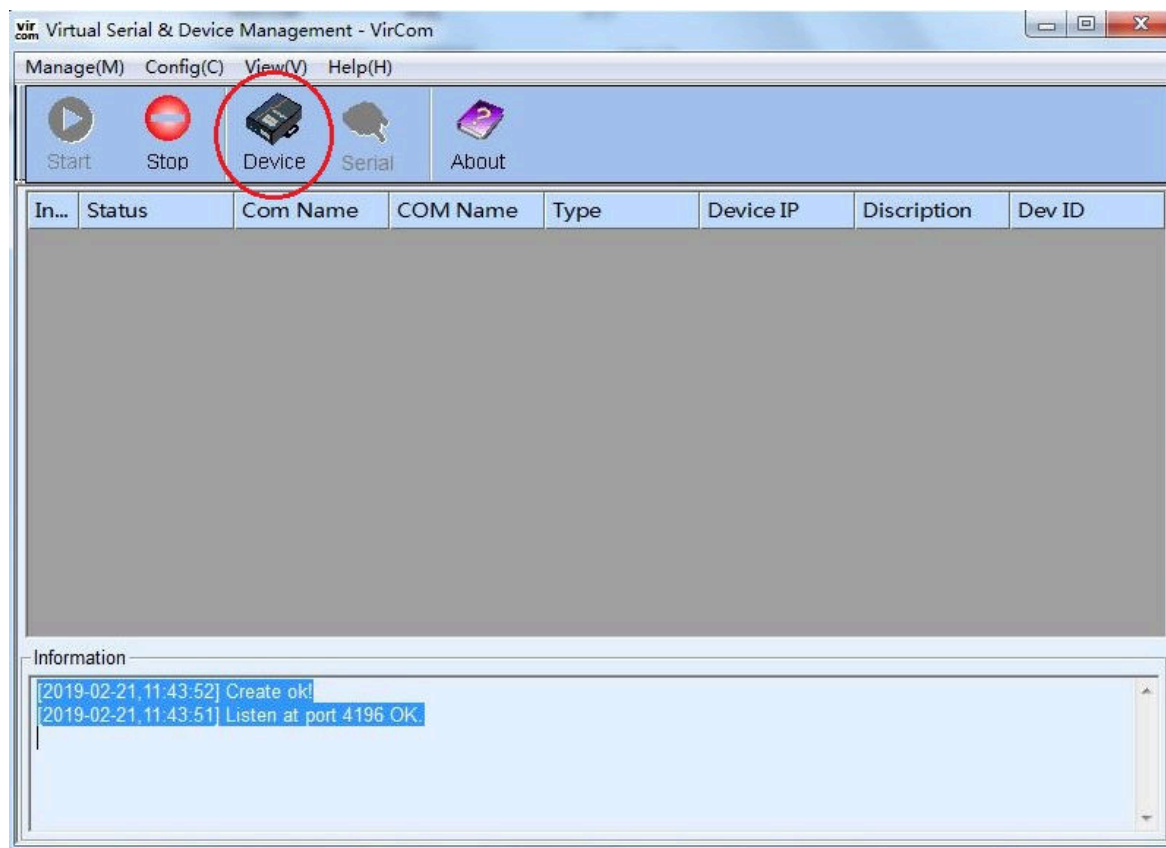
-  1-KC868-H8&H32 Overall operation manual.pdf
-  2-KC868-H8&H32 APP User Manual.pdf
-  3-KC868-H8&H32 PC user manual.pdf
-  4-KC868-H8 Product Parameter and Installation.pdf
-  5-KC868-H32 Product Parameter and Installation.pdf
-  6-KC868-H8 Communication Protocol for Secondary development.pdf
-  7-KC868-H8&H32 UDP and TCP mode setting.pdf
-  VirCom4.88_en (WAN and LAN config tool)
-  relay.rar (KC868-H8/KC868-H32 LAN Control DEMO EXE)
-  Net_Relay_Control (KC868-H8 Local & Remote Control Demo ExE)
-  KC868-H32_Ethernet_remote_control_demo_EXE.rar
-  KC-Demo_account_control.rar (KC868-G,KC868-S,KC868-H8,KC868-H32 Remote Control By App Account)

Secondly: Configure the Wi-Fi, and get the device into internet

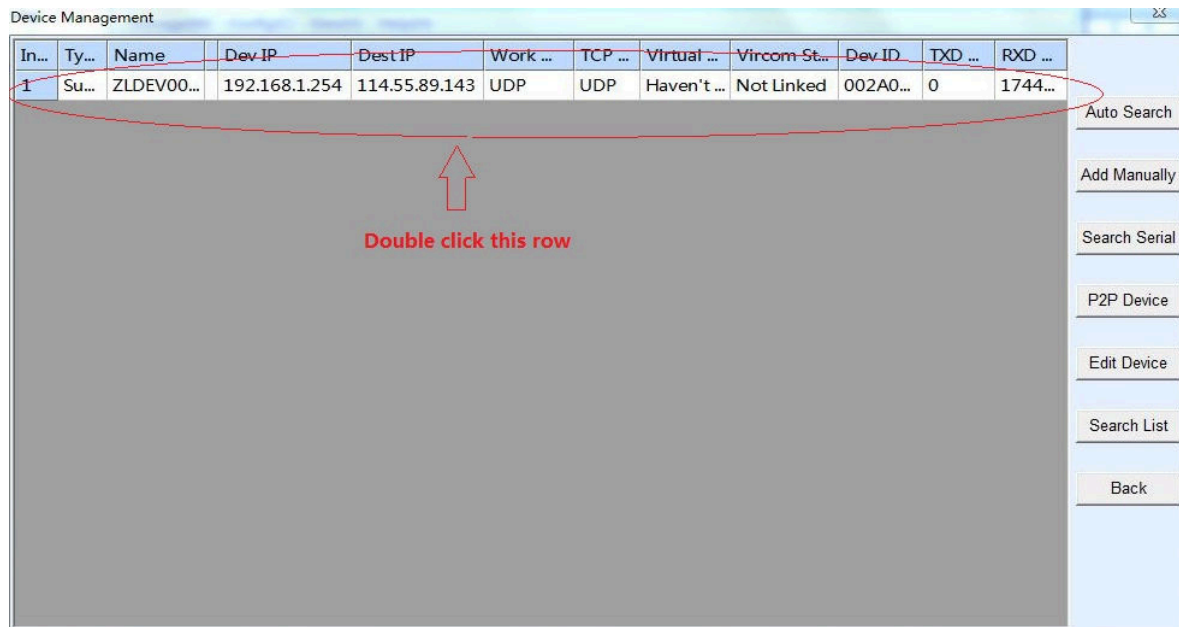
1. the device is with AP mode and “ZLAN” for SSID as default, so just search the wireless signal from your computer to find the “ZLAN” and click to connect. See below pictures



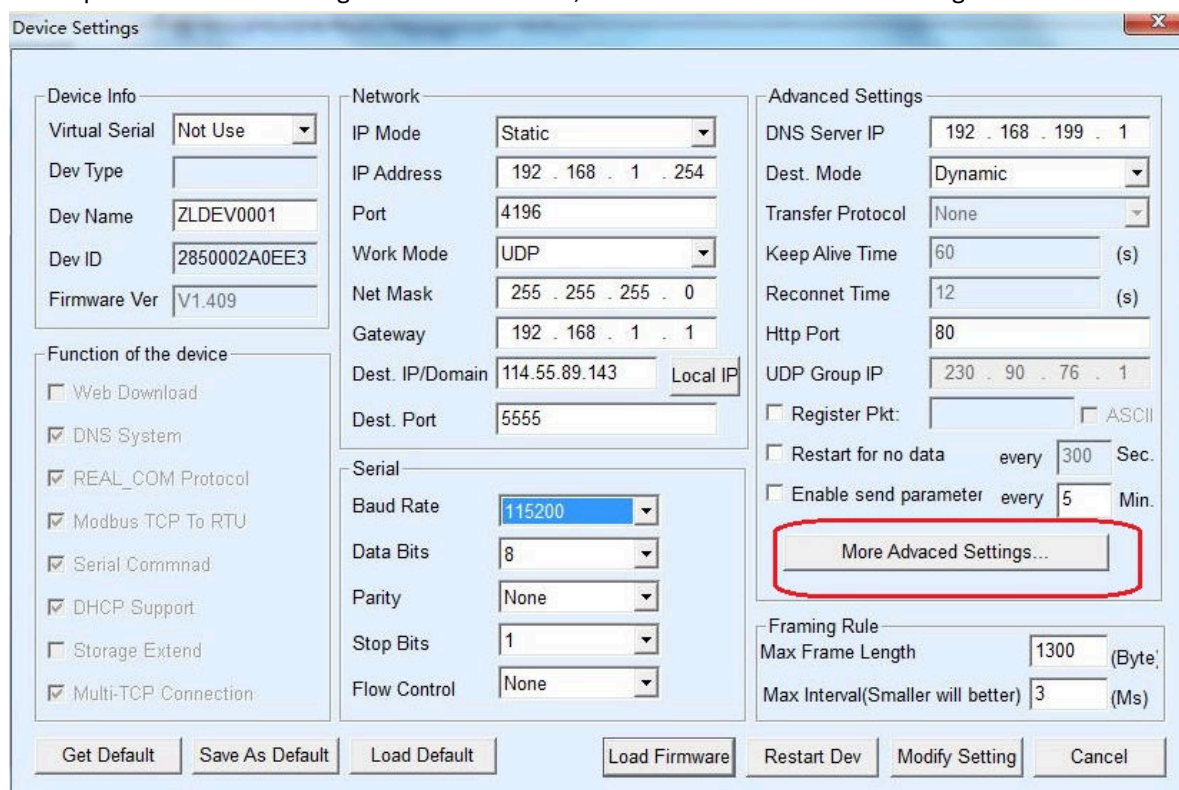
2. After connecting, open the network configuration tool, see below picture and click the “Device” button



Then open the “Device management” window as below, see the information row of the device;
Double click the row



Then open the “Device Settings” window as below, click the “More Advanced Settings” button



Then open the “More Advanced Settings” window as below, see the settings in the red ellipses;
For the WIFI Work Mode, please choose “Station”; for the AP/STA SSID, please input the wireless you are using.
Please note that it’s not the “ZLAN” wireless, configured on the first step, it is the wireless you use for the internet.
For the AP/STA Key, please input the password of the internet wireless.
After that, click the “OK” button to save and return back

After returning the “Device Settings” window, please check IP Mode and Work Mode, make sure IP Mode is DHCP, and the Work Mode is UDP. See below picture. Then click the Modify Setting button to save it. Now, the network configure software tool can be closed.

3. Get the device power off for about 5 seconds and then power on. Wait for about 10 seconds, the device is on line now. You can add the device into the Kincony mobile APP to control or you can open the PC program to control the device.

Notes:

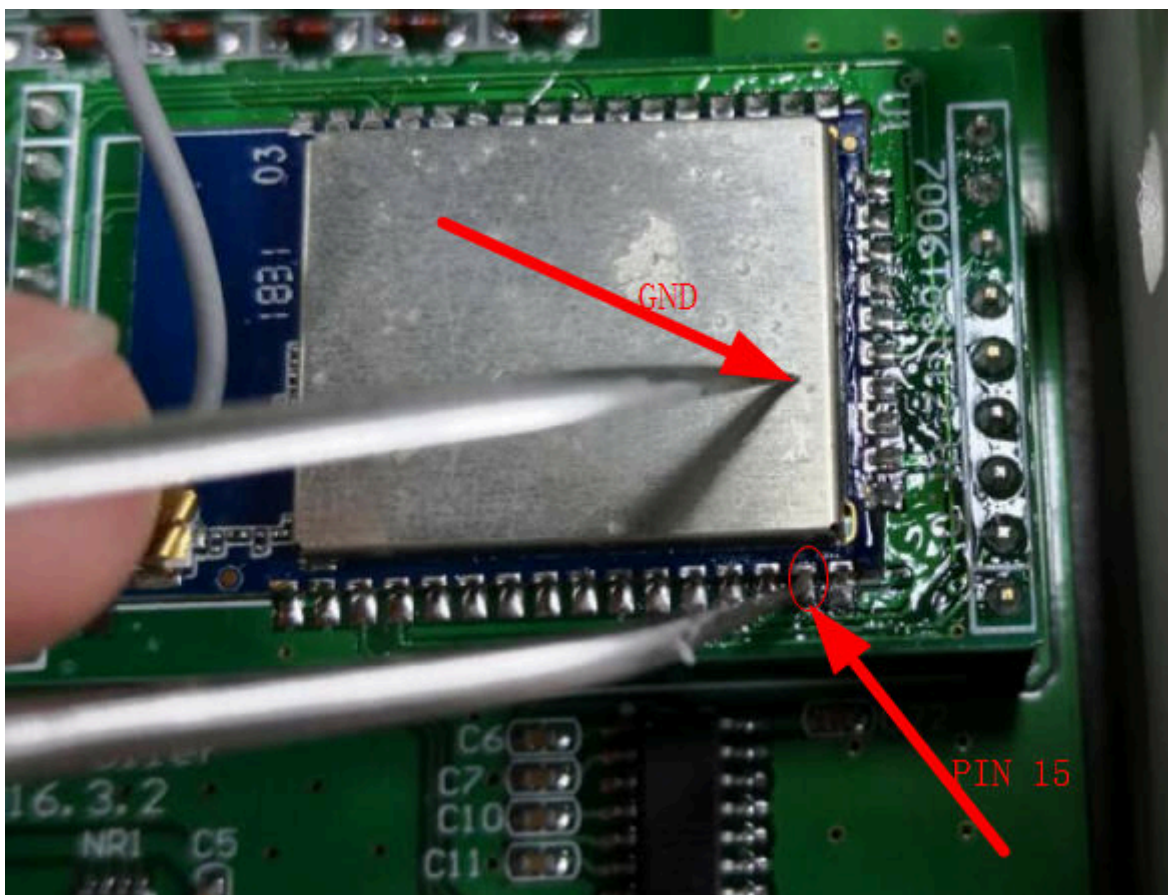
1. If your wireless router doesn't have the DHCP function, then in the “Device Settings” window, please select IP Mode with Static, and re-give a static IP address in the IP Address. Finally click the “Modify Setting” button to save it. See below picture:

Device Settings

Device Info Virtual Serial: Not Use Dev Type: Dev Name: ZLDEV0001 Dev ID: 2850002A0EE3 Firmware Ver: V1.409	Network IP Mode: Static IP Address: 192 . 168 . 1 . 254 Port: 4196 Work Mode: UDP Net Mask: 255 . 255 . 255 . 0 Gateway: 192 . 168 . 1 . 1 Dest. IP/Domain: 114.55.89.143 Local IP Dest. Port: 5555	Advanced Settings DNS Server IP: 192 . 168 . 199 . 1 Dest. Mode: Dynamic Transfer Protocol: None Keep Alive Time: 60 (s) Reconnect Time: 12 (s) Http Port: 80 UDP Group IP: 230 . 90 . 76 . 1 <input type="checkbox"/> Register Pkt: <input type="checkbox"/> ASCII <input type="checkbox"/> Restart for no data every 300 Sec. <input type="checkbox"/> Enable send parameter every 5 Min. More Advanced Settings...
Function of the device <input type="checkbox"/> Web Download <input checked="" type="checkbox"/> DNS System <input checked="" type="checkbox"/> REAL_COM Protocol <input checked="" type="checkbox"/> Modbus TCP To RTU <input checked="" type="checkbox"/> Serial Command <input checked="" type="checkbox"/> DHCP Support <input type="checkbox"/> Storage Extend <input checked="" type="checkbox"/> Multi-TCP Connection	Serial Baud Rate: 115200 Data Bits: 8 Parity: None Stop Bits: 1 Flow Control: None	Framing Rule Max Frame Length: 1300 (Byte) Max Interval(Smaller will better): 3 (Ms)

Get Default Save As Default Load Default Load Firmware Restart Dev **Modify Setting** Cancel

2. When the wireless router is changed, or the network can not available, the wireless module needs to be reset. Open the cover of the device, and then get it power on, next, use the metal forceps or one electrical wire to connect the 15th pin of the wireless module (total 16 pins) and the ground for about 3 seconds, and then re-power on, see the below picture.



After that, according to the above configuration Wi-Fi steps, configure the Wi-Fi again and get the device into internet.