

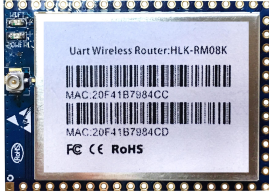
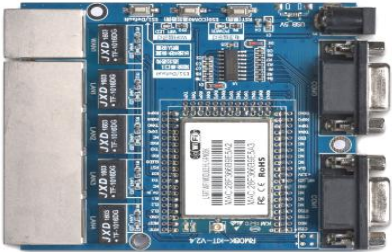





SHENZHEN HI- LINK ELECTRONIC CO.,LTD

HLK-RM08K USER MANUAL

Bridge mode configuration

Kindly note : The starter kit includes the following items.

 <p>Uart Wireless Router:HLK-RM08K MAC:20F41B7884CC MAC:20F41B7884CD FC CE RoHS</p>	HLK-RM08K module
	HLK-RM08K development board
	2.4G Antenna
	5V 1000mA power adapter
	Net Cable (if needed)

—. Brief introduction

HLK-RM08K is a new low-cost embedded UART-ETH-WIFI module (serial port - Ethernet - Wireless network) developed by Shenzhen Hi-Link co., Ltd

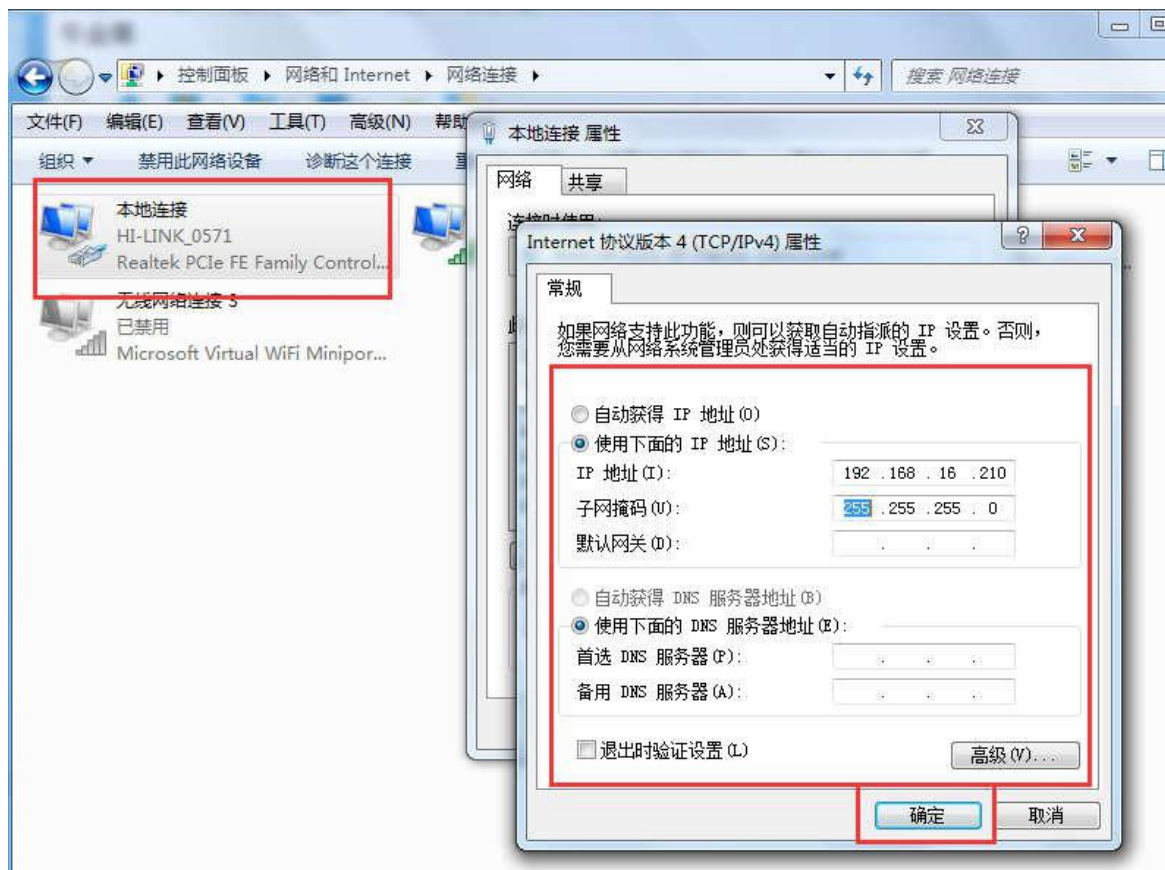
This product is an embedded module based on the universal serial interface network standard, built-in TCP / IP protocol stack, enabling the user serial port, Ethernet, wireless network (wifi) interface between the conversions.

Through the HLK-RM08K module, the traditional serial devices do not need to change any configuration; data can be transmitted through the Internet network. Provide a quick solution for the user's serial devices to transfer data via Ethernet.

二. Bridge mode configuration at web page

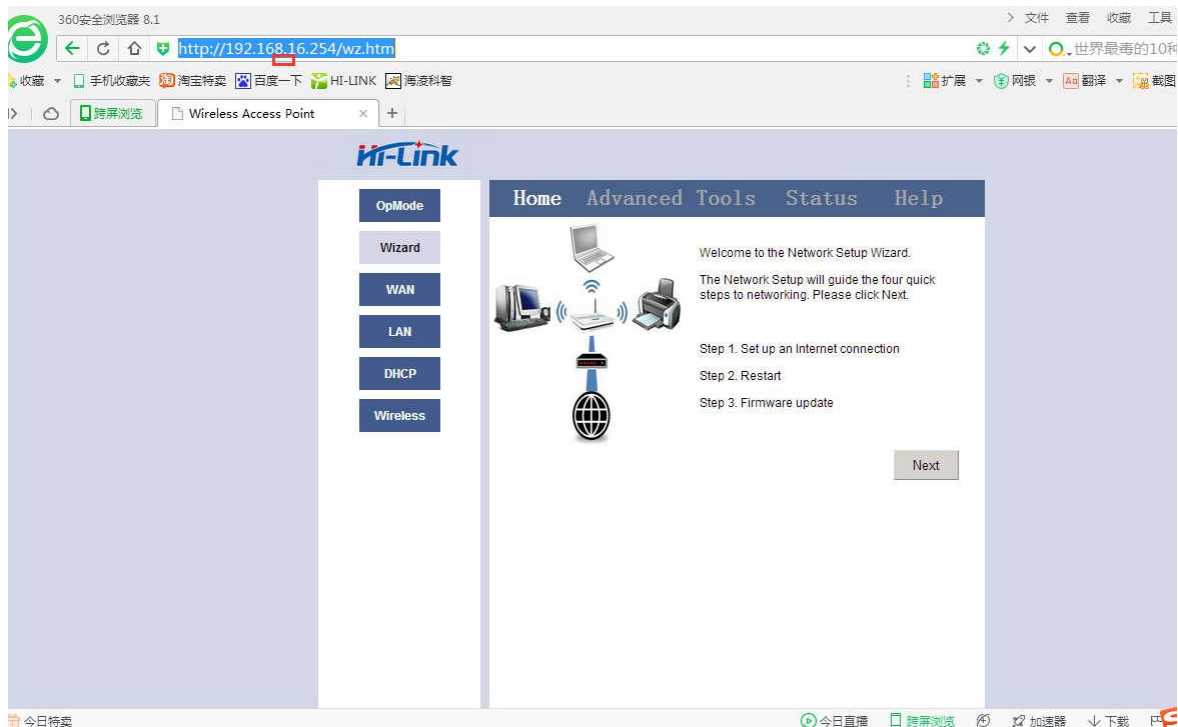
1. Restore factory setting. Power on 5V/350MA, and wait for 20s. Pull down ES1 pin more then 6S after setting up. The system will restart automatically. Then the system is on the factory mode.

2. Connect LAN of module and com port of PC by using net cable.and set the PC static IP : 192.168.16.210 .

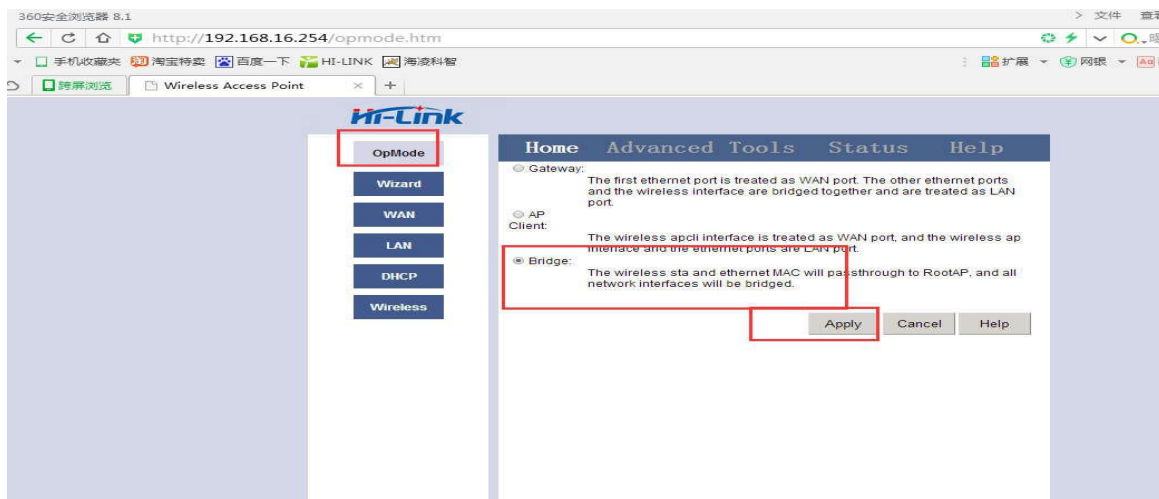


3. Open web browser input <http://192.168.16.254/wz.htm> and <http://192.168.16.254/ser2net.htm> (serial parameters interface).

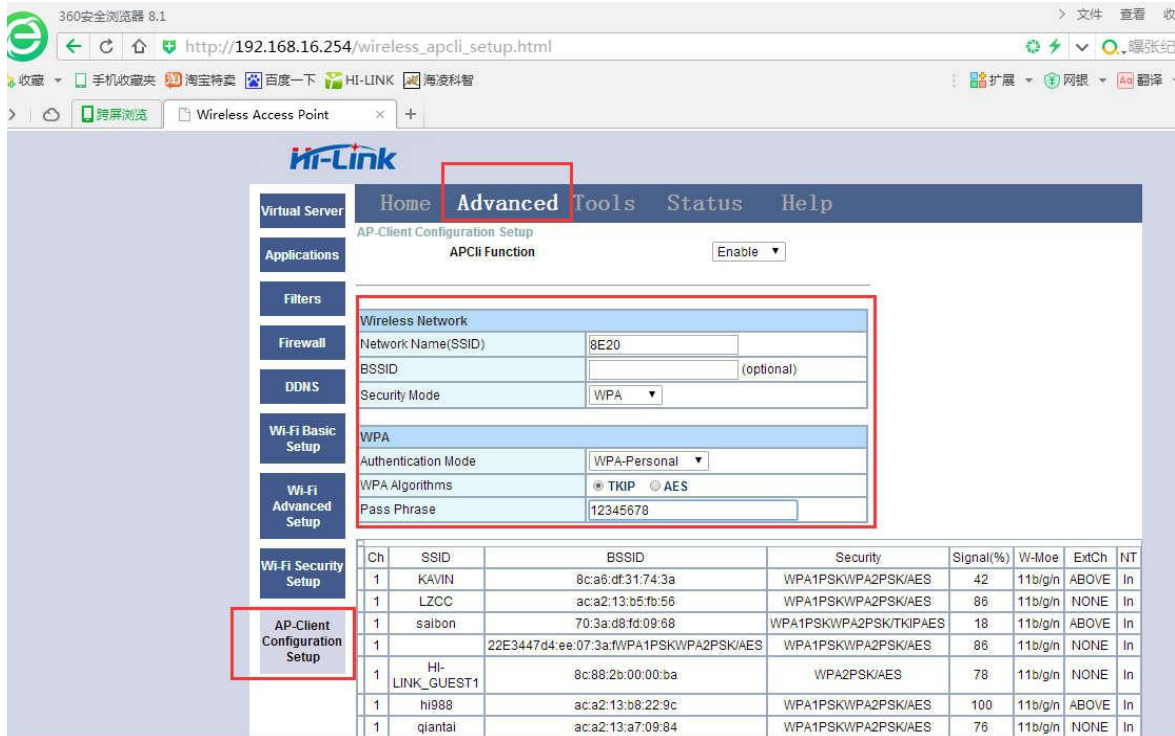
Configure bridge mode at the router webpage interface <http://192.168.16.254/wz.htm>



4. Choose the bridge mode



5. Input the WIFI SSID and password of the upper router the module added.



6. Set the module IP and router at same network segment.



7. After module restart, then it could connect the internet with LAN and WAN. And the IP got is the one bridge upper router, it is in different network segment from module.



Shenzhen Hi-Link Electronic Co.,Ltd

[Http://www.hlktech.ltd](http://www.hlktech.ltd)

Tel:0755-83575155 Fax:0755-83575189

But if needed, it could change the module's IP into same network segment with upper IP.

Note : In bridge mode, serial transparent transmission is working in the local network, could not transparent transmission to extra net.

三. Bridge mode configuration at commands

AT commands setting :

at+OpMode=3

at+STASSid=8E20

at+STAEncType=6

at+STAPasswd=12345678

at+LANIp=192.168.2.130

at+APSSid=1920

at+APEncType=6

at+APPasswd=147258369

at+Dhcpd=0

at+Save=1

at+Apply=1