

SKW71 EVB User Manual

Introduction

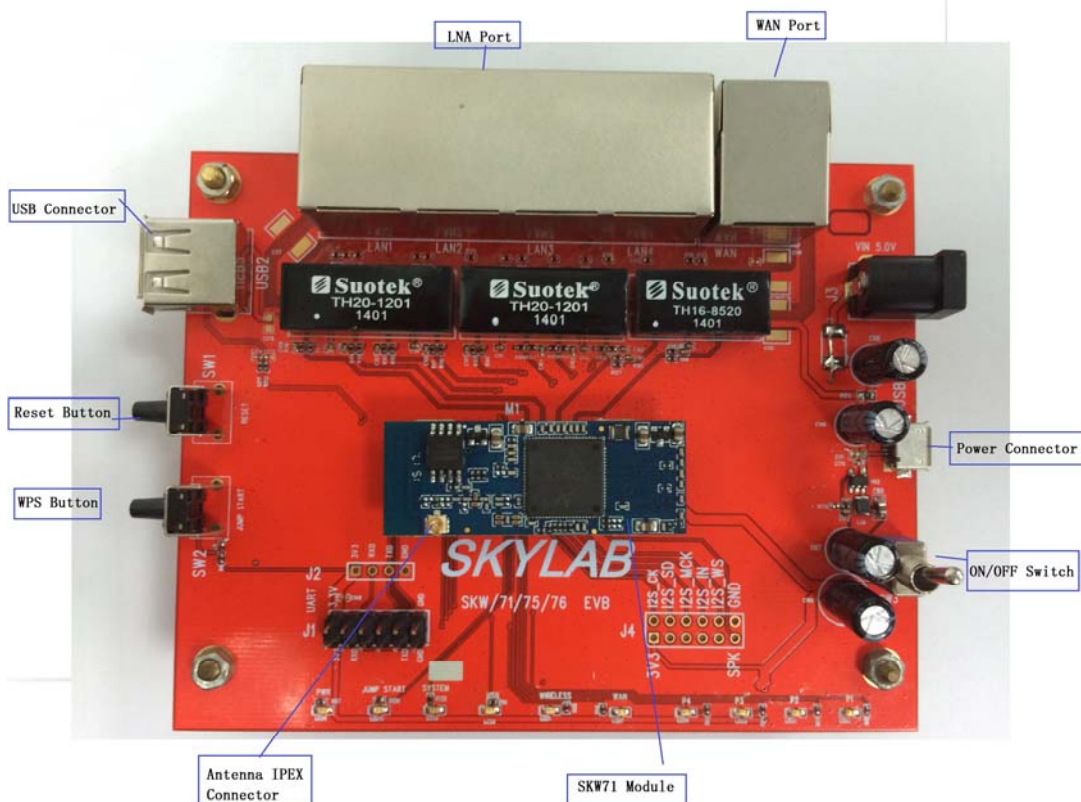
The SKW71 EVB offers a quick and easy way to evaluate the SKW71 module and the SKW71 is a 802.11n/ b/g AP WiFi module.

The Evaluation Kit is including the following items:

1. One SKW71 module.
2. One SKW71 EVB.
3. One DC adaptor with micro USB connector cable.
4. One WIFI antenna.
5. This Manual.

EVB Details

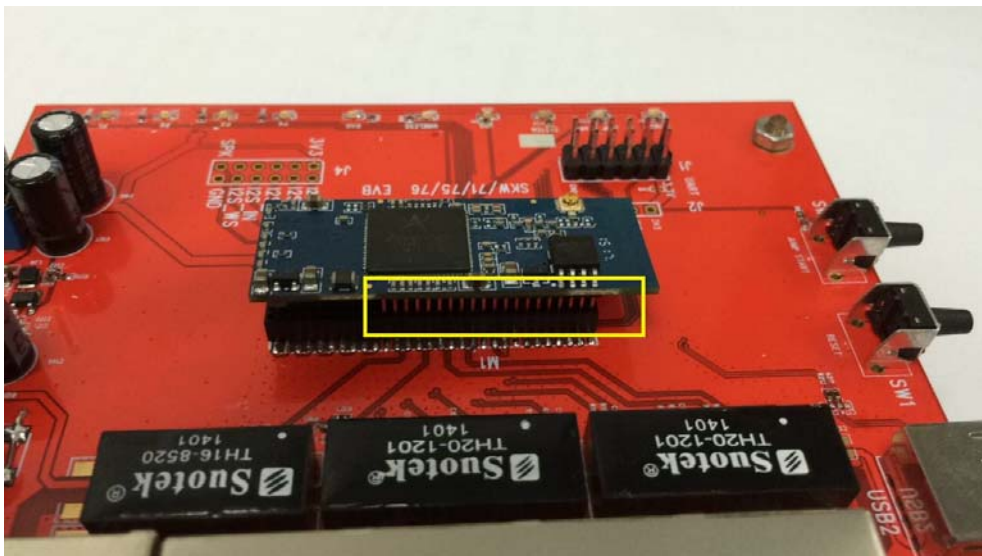
This section describes the various interfaces and switch settings for the SKW71-EVB board.



EVB Hardware Installation

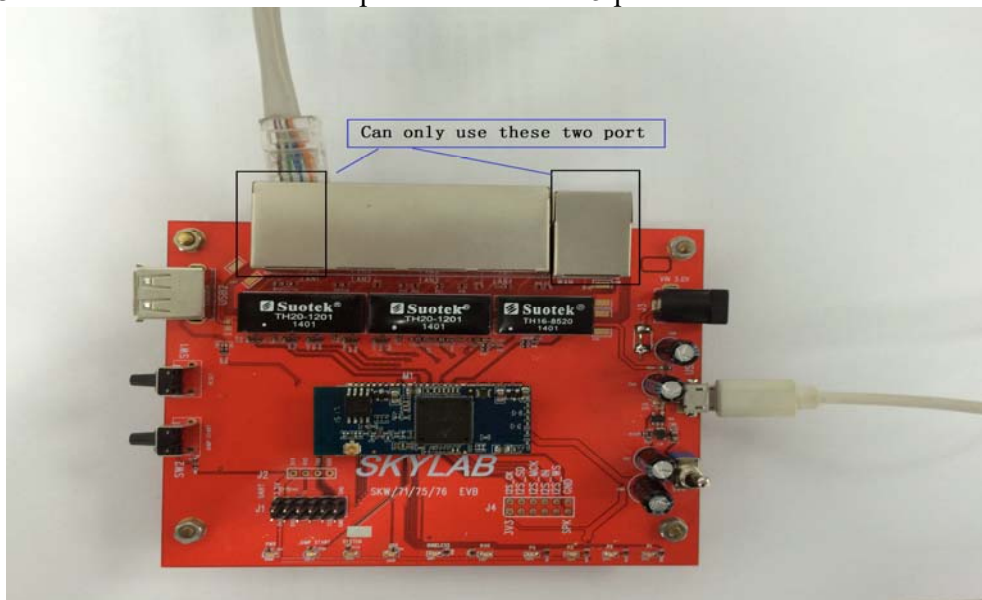
Step 1: Insert the module to the EVK board.

Note : The correct method is shown in the following figure:



Step 2: Insert the DC adaptor into the power-supply connector.

Step 3: Connect the another LAN port into PC's RJ45 port.



Step 4: Connect the WiFi antenna.

1. Logging in to the Module Web

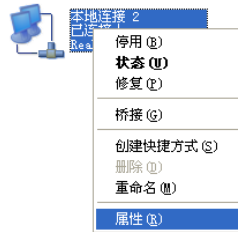
1) Connected SKW71 LAN port and PC's RJ45 port;

2) Setup IP address:

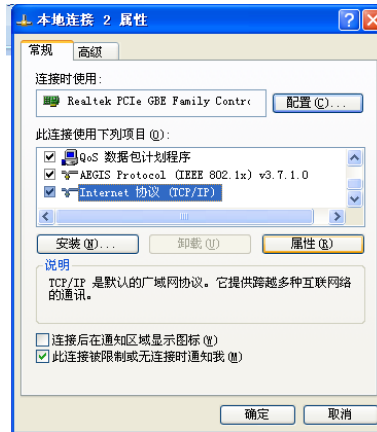
Step 1: Right-click the "local connection. This pic is chinese version.



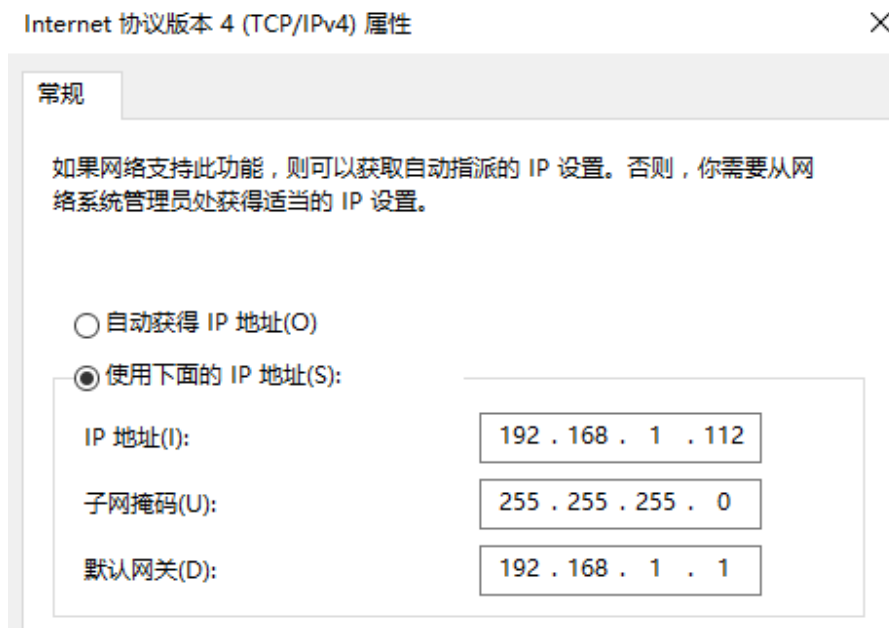
Step 2: Click "attribute"



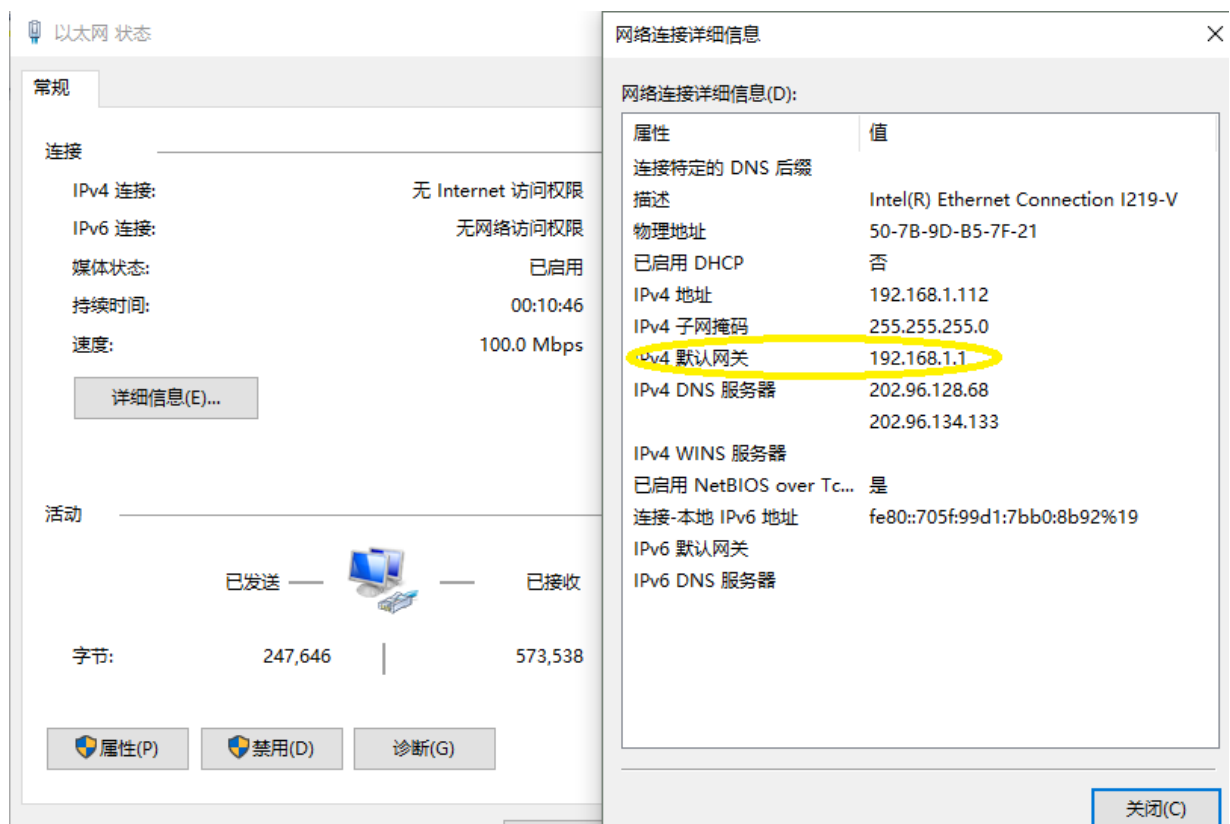
Step 3: Click "internet protocol(TCP/IP)"



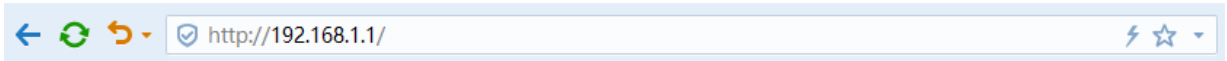
Step 4: Set IP address Manually



3) Check IP address according to the yellow tag in the pic.



4) Web browser address: “http://192.168.1.1”

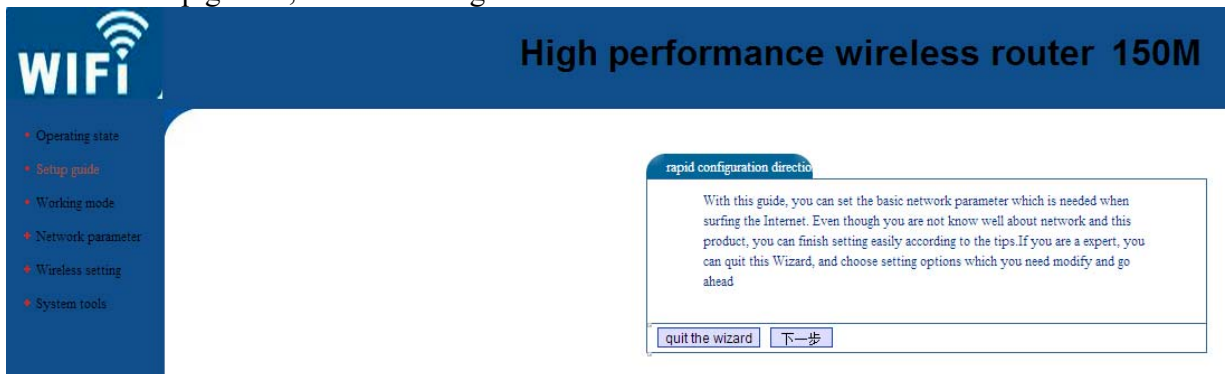


5) User account: admin
Password: password

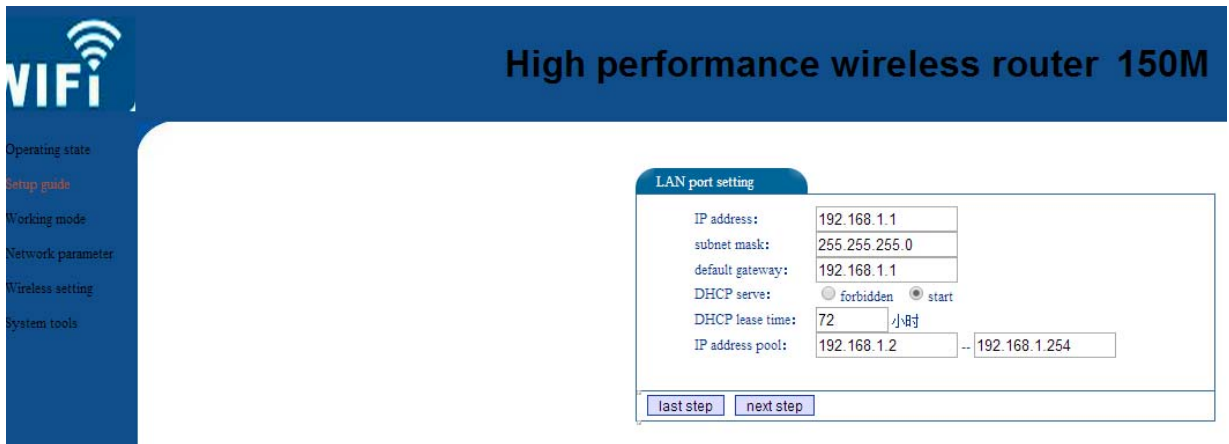


2. Setup “Setup Guide”

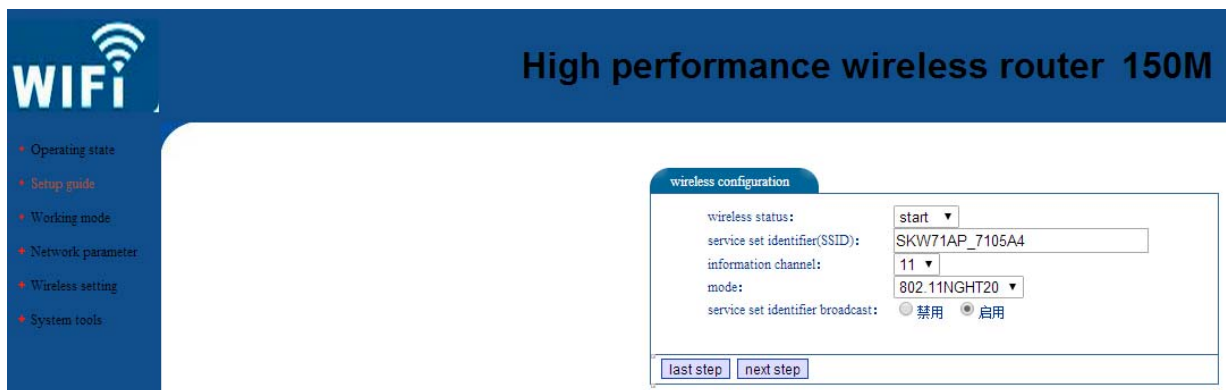
a. Click “Setup guide”, to enter configuration:



b. Click “下一步”, and then enter into LAN port setting:

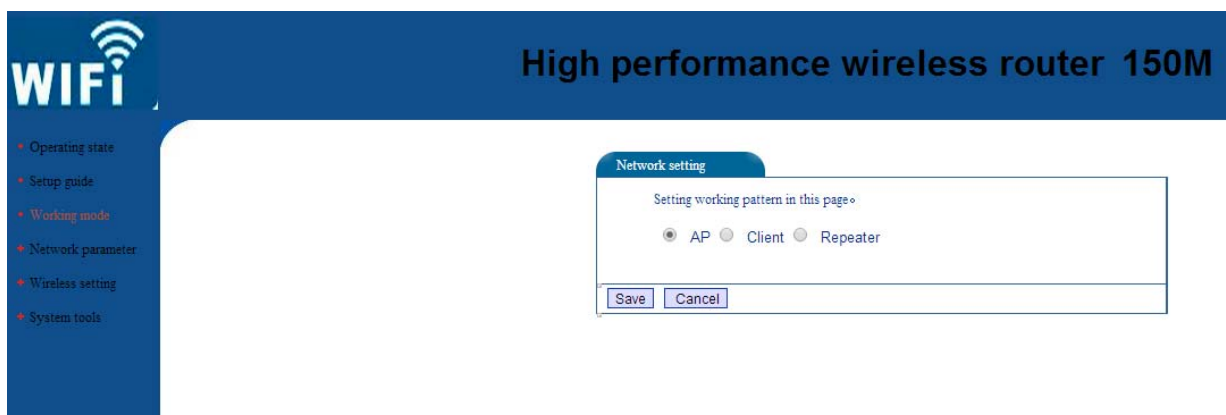


c. Click “next step”, and then enter into wireless configuration:



d. Click “next step”, setup finished.

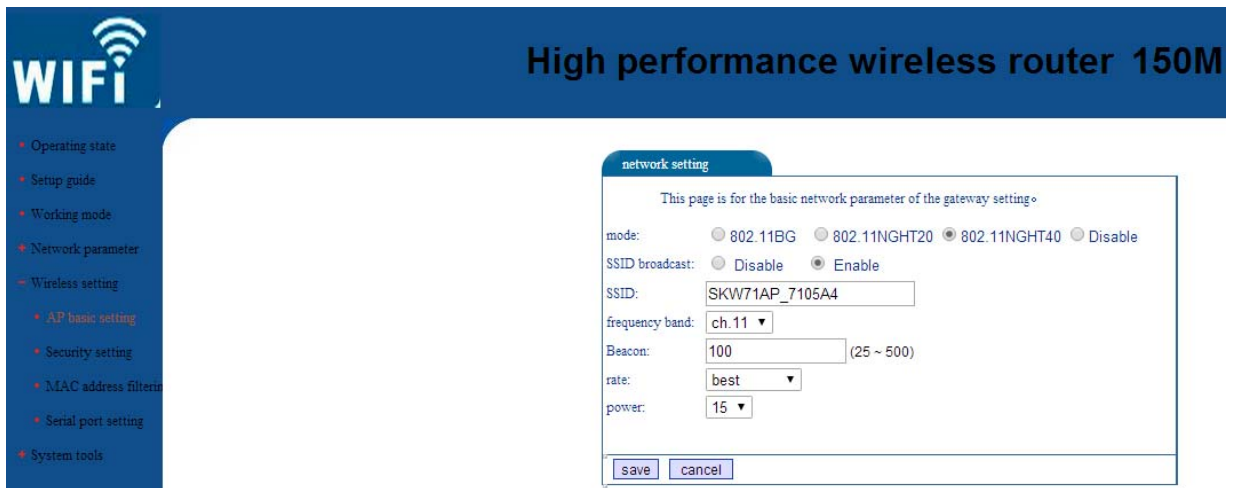
3. Setup “Working mode”



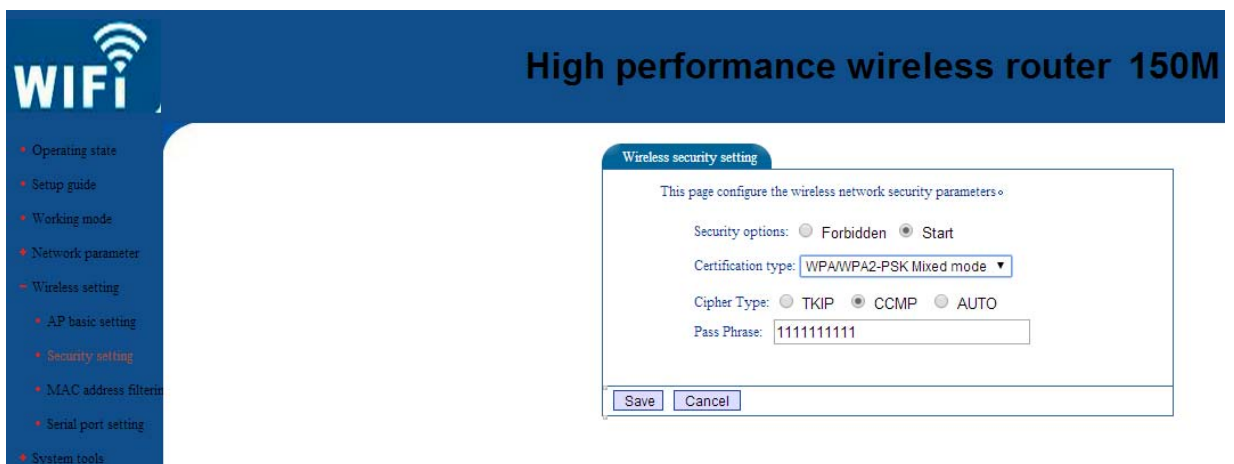
- 1) AP mode
- 2) Repeater mode
- 3) Client mode

一. Setup “AP mode”

A. Click “Wireless setting”, enter into the “AP basic setting”:



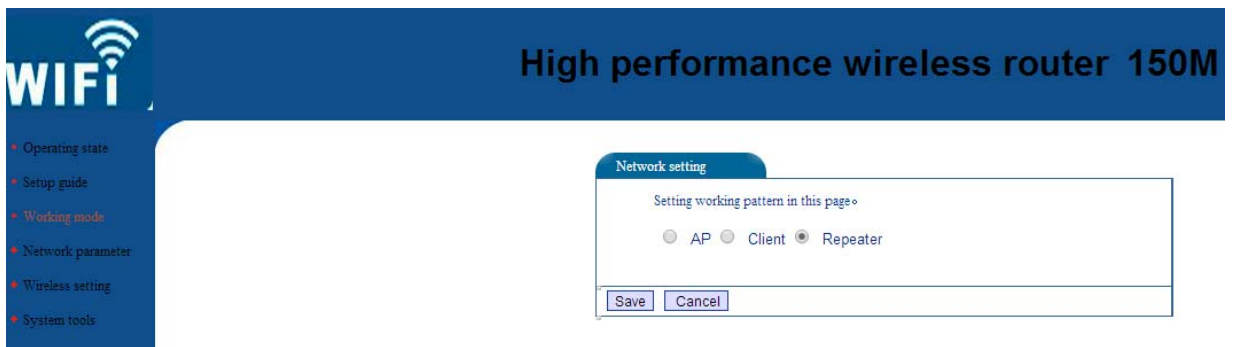
B. Then enter into the “Security setting”:



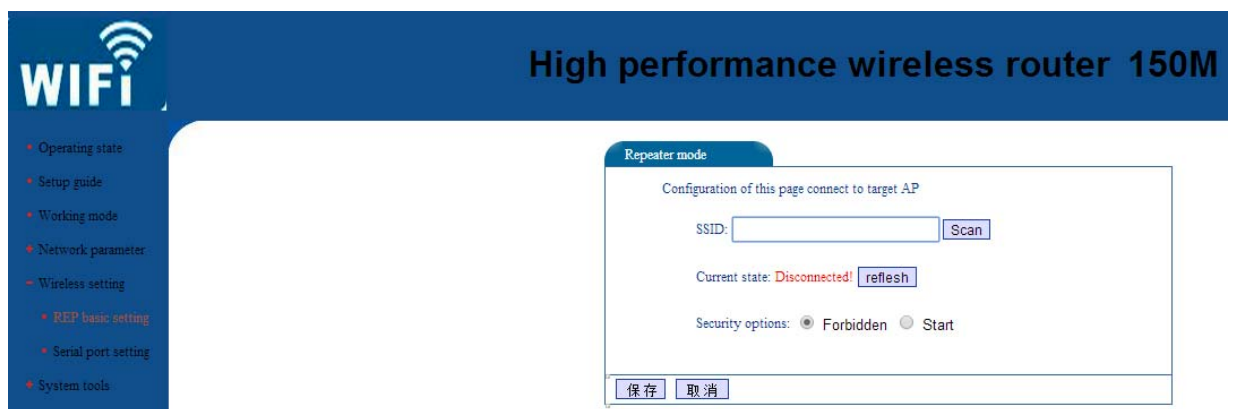
C. Click “Network parameter”, and then enter into LAN port setting:



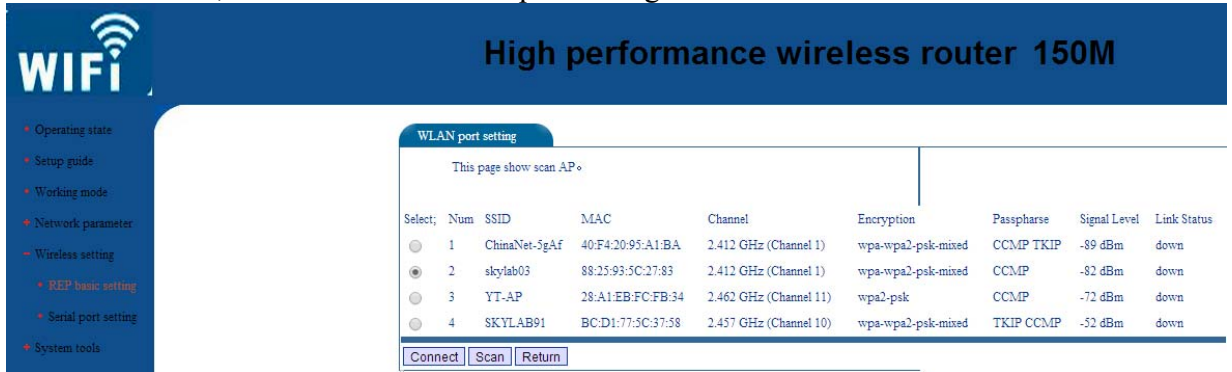
二. Setup “Repeater mode”



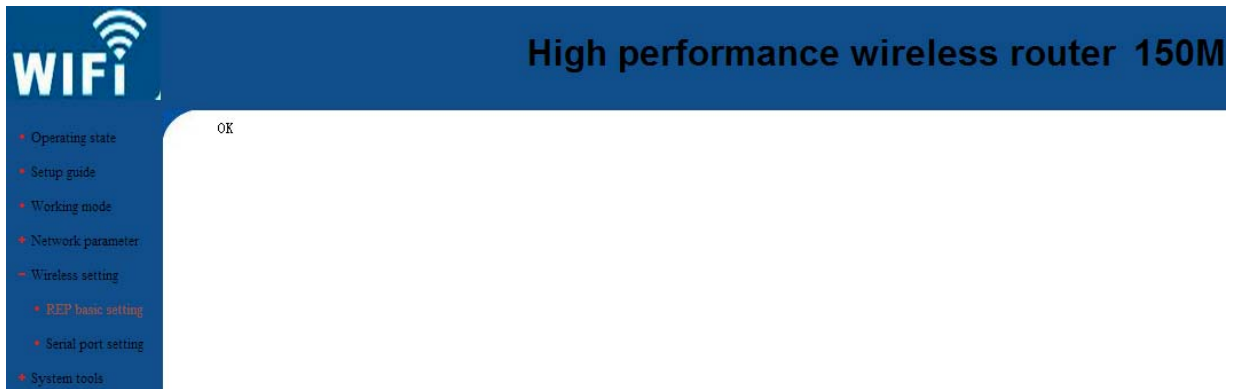
A. Click “Wireless setting”, enter into the “repeater mode”:



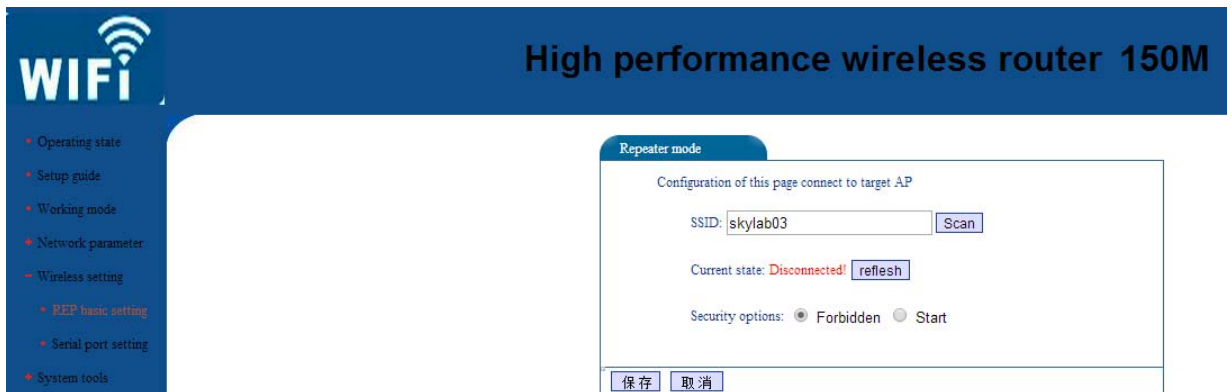
B. Click “Scan”, enter into the “WLAN port setting”:



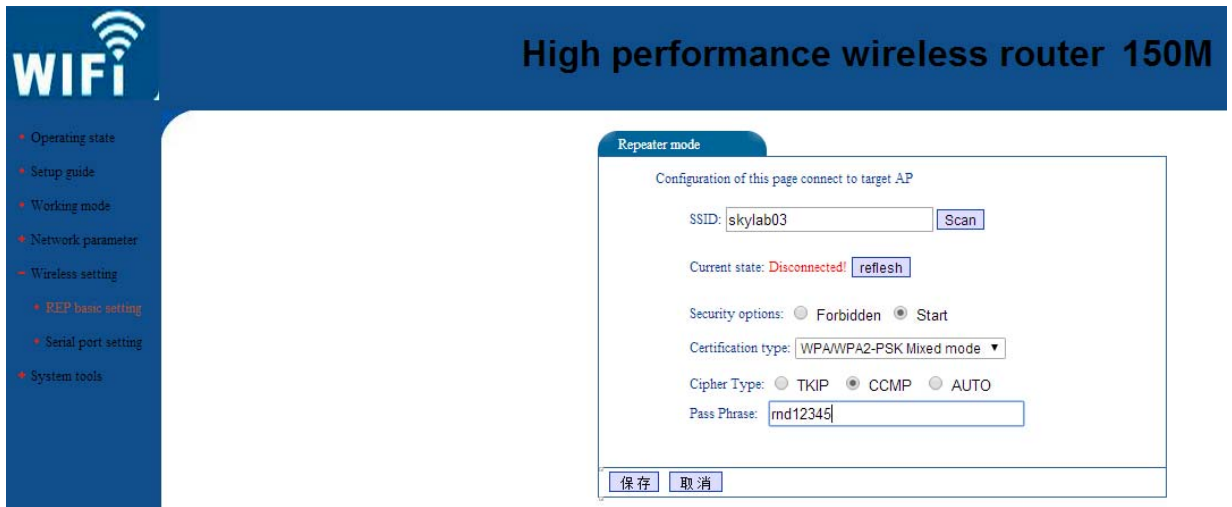
C. Select AP, Click “connect”:



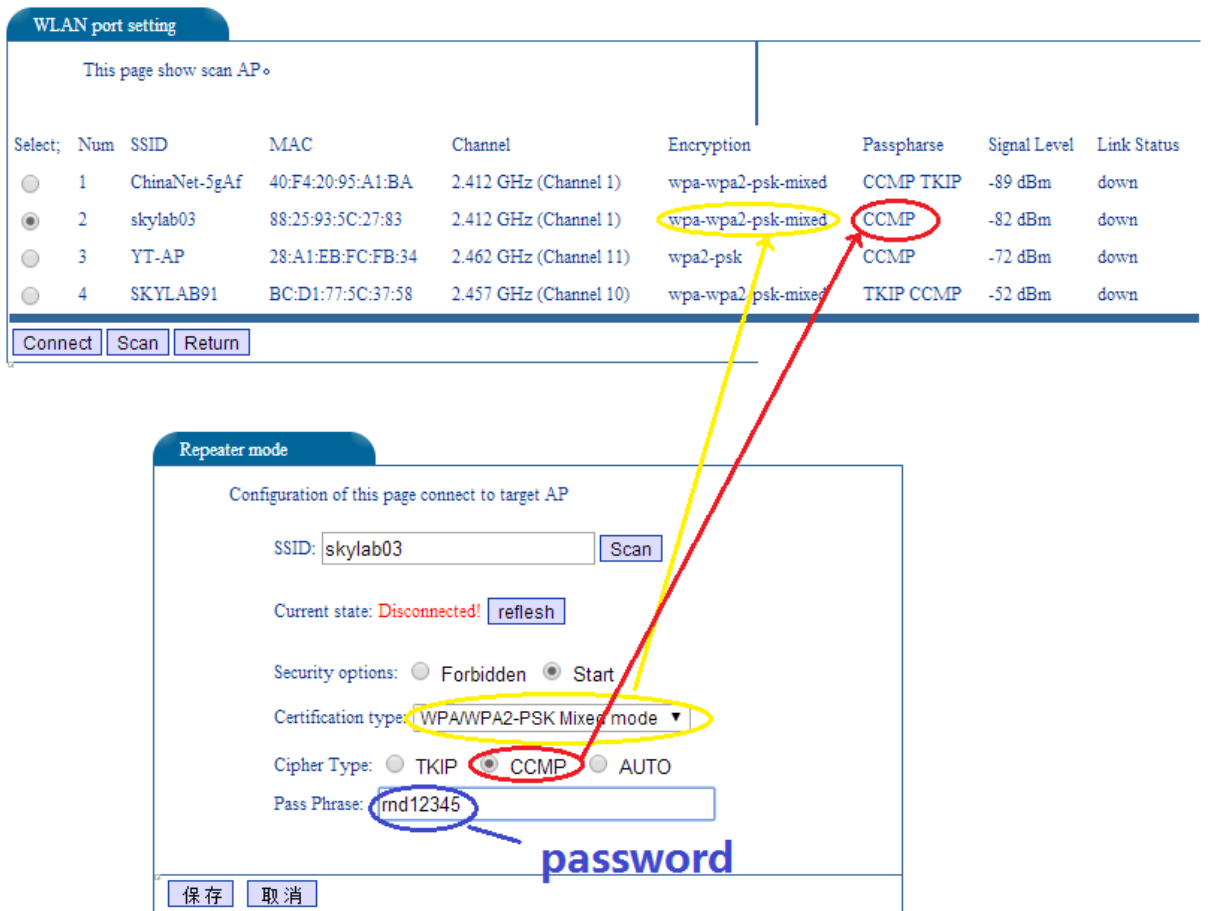
D. Click “Wireless setting”, enter into “repeater mode”:



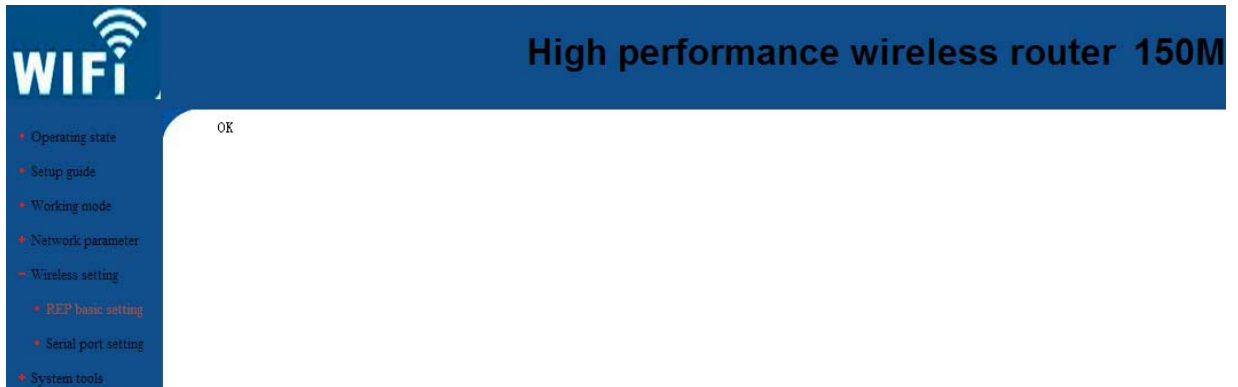
E. Select security options, click “Start”:



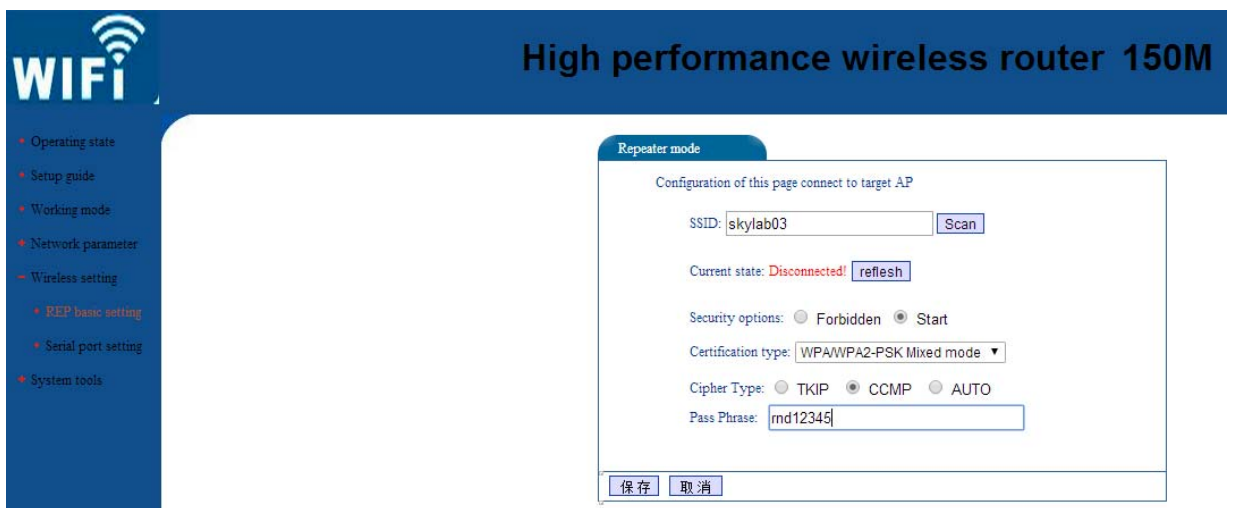
F. Input password:



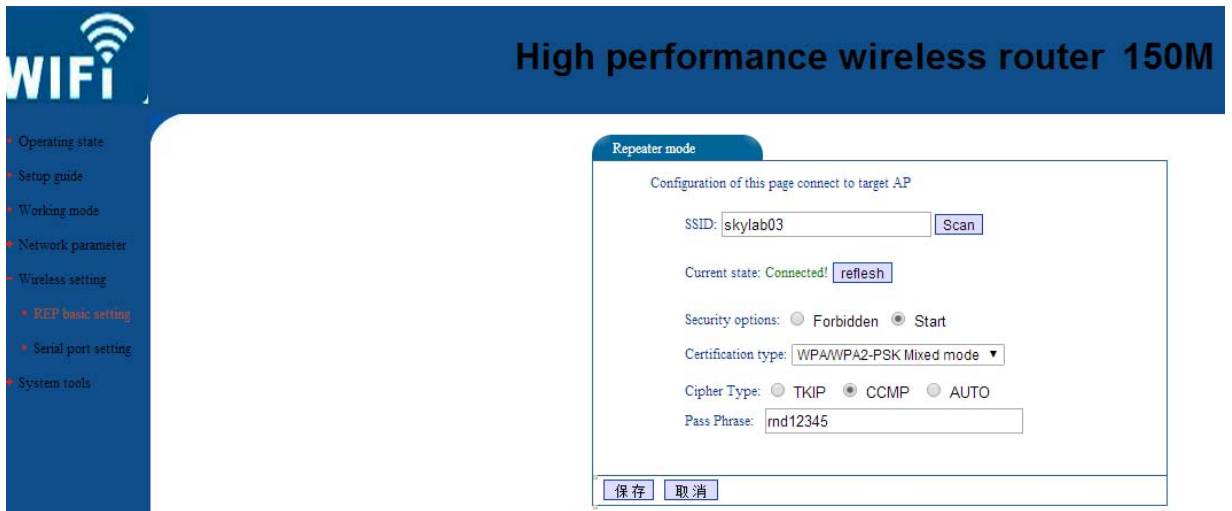
G. Click “保存”:



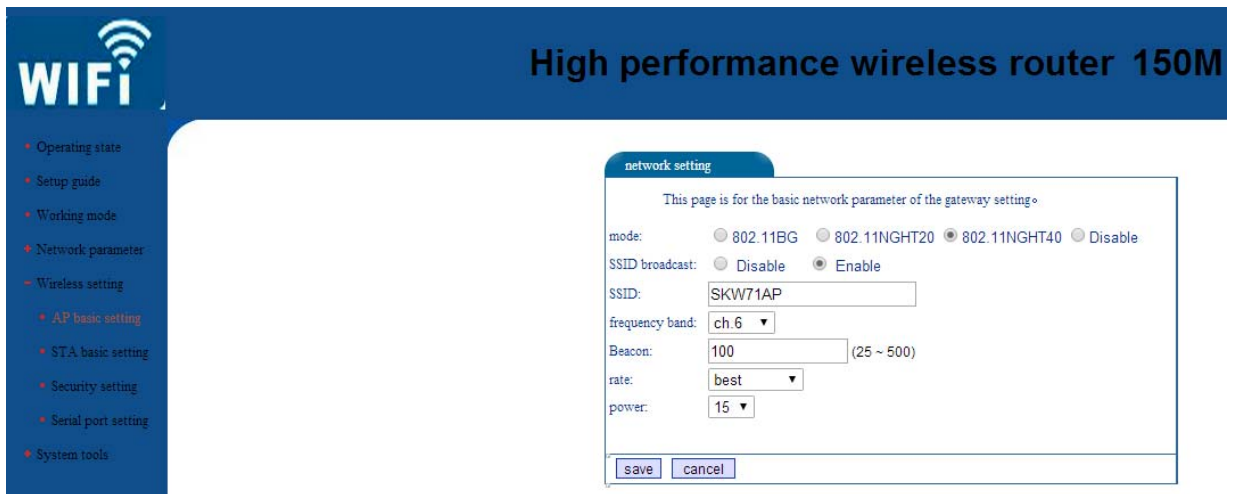
H. Click “Wireless setting”, enter into “repeater mode”:



I. Click “refresh”, the current state: Connected!



三. Setup “Client mode”



Note: reference setup “AP mode” and setup “repeater mode”.

四. Setup “System Tools”

