SKW92 EVB User Manual

Revision History

Revision	Description	Approved	Date
V1.01	Initial Release	George	20170321

Contents

1. Introduction

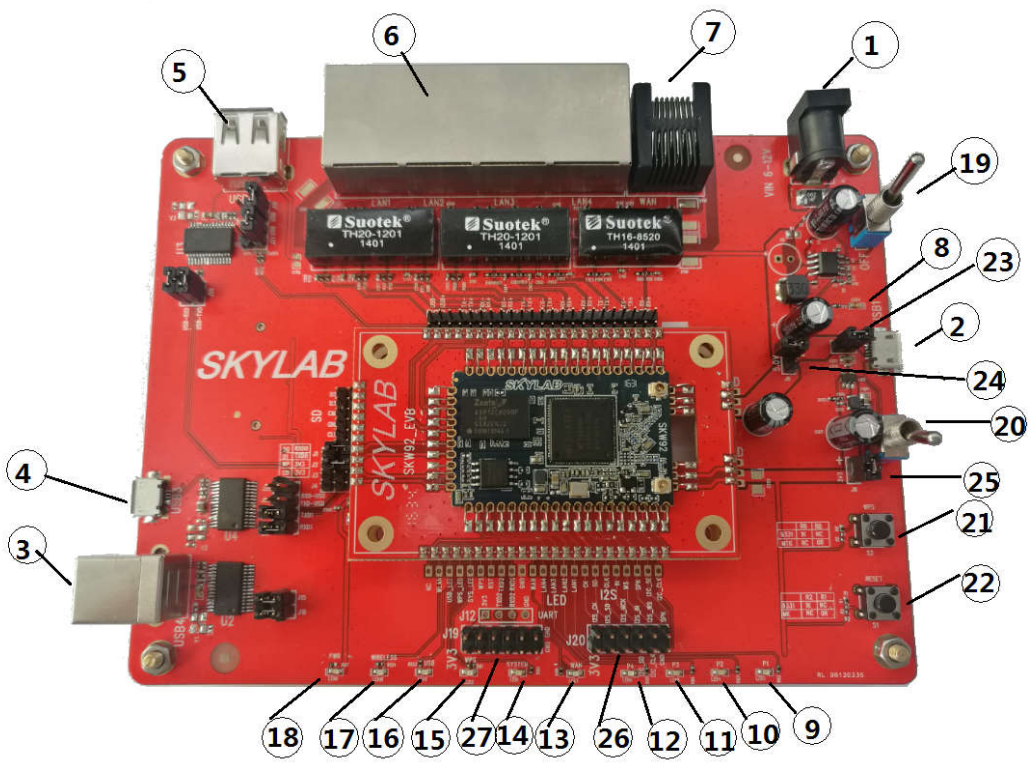
The SKW92 EVB offers a quick and easy way to evaluate the SKW92 module and the SKW92 is a 802.11n/ b/g WiFi router module.

The Evaluation Kit includes the following items:

1. One SKW92 module.
2. One SKW92 EVB.
3. One DC adapter with micro USB connector cable.
4. Two WiFi antenna.
5. This Manual.

2. EVB Details

This section describes the various interfaces and switch settings for the SKW92-EVB board.



EVB Details

No.	Connector	Function Description
1	DC Power Connector	DC 6-15V Input
2	Micro USB Power Connector	USB DC 5V Input
3	USB Type-B Port	UART0:USB TO TTL
4	Micro USB Port	UART1:USB TO TTL
5	USB Type-A Port	USB Slave Device
6	RJ45 Port	LAN Port
7	RJ45 Port	WAN Port

No.	Function Description	No.	Function Description
8	5V Power LED	21	WPS Push Button
9--12	LAN LED	22	Reset Push Button
13	WAN LED		
14	System LED	23	USB 5V Header
15	WPS LED	24	Module 5V Header
16	USB Device LED	25	Module 3.3V Header
17	Wireless LED		
18	3.3V Power LED	26	I2S & I2C Header
		27	UART Header
19	5V Power Switch		
20	3.3V Power Switch		

EVB Hardware Installation

Step 1: Insert the module to the EVK board.

Step 2: Connect the another LAN port into PC`s RJ45 port.

Step 3: Connect the WiFi antenna.

Step 4: Insert the DC adapter into the power-supply connector.

Note: The DC adapter output: 5V±10% /1A

3. Logging in to the module web

1）Connected SKW92 LAN port and PC`s RJ45 port；

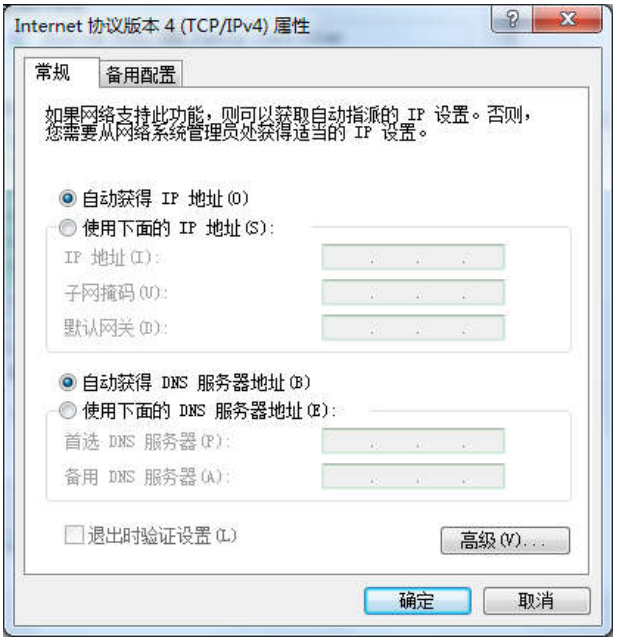
2）Setup IP address；

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

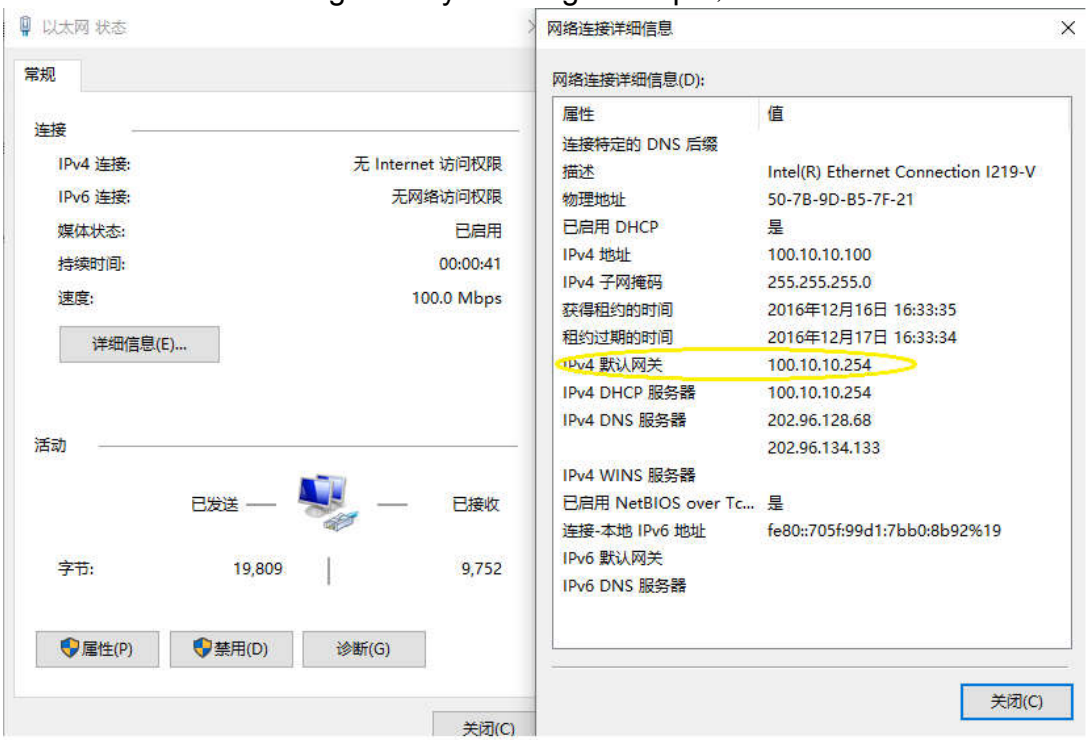
Step 2: Click “attribute”；

Step 3: Click “internet protocol(TCP/IP)”；

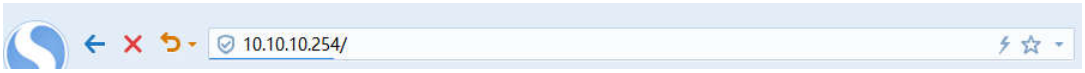
Step 4: IP address set as gain automatically；



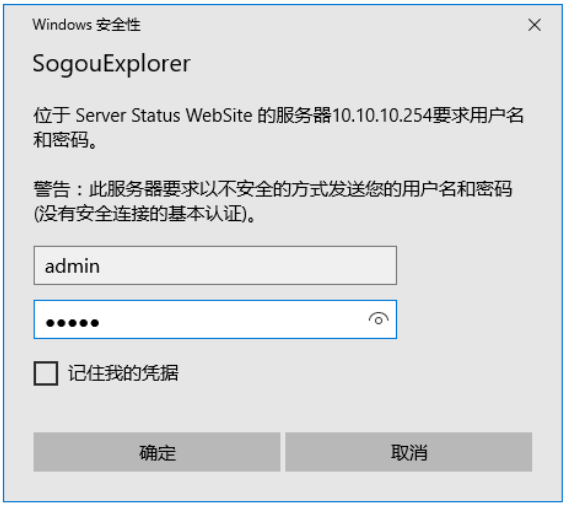
3）Check IP address according to the yellow tag in the pic；



4）Web browser address: “http: //10.10.10.254”；



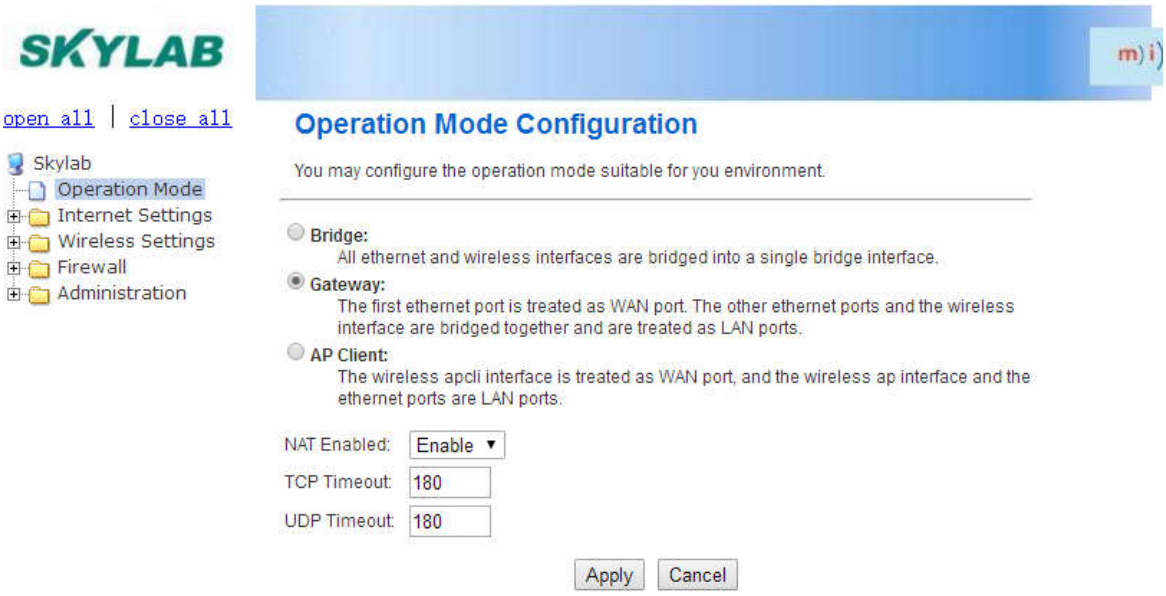
5）User account: admin；
Password: admin



4. Setup Guide

a. Choose the language；

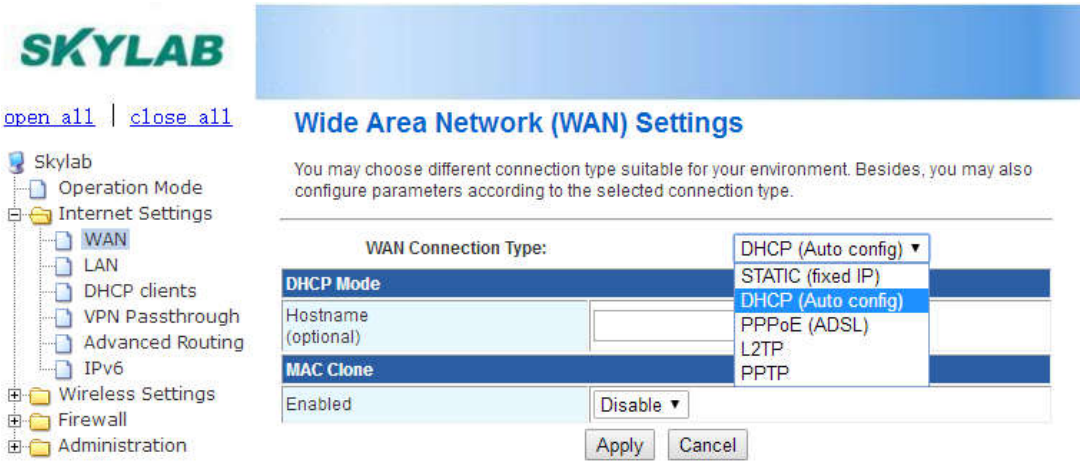
b. Choose Operation Mode；



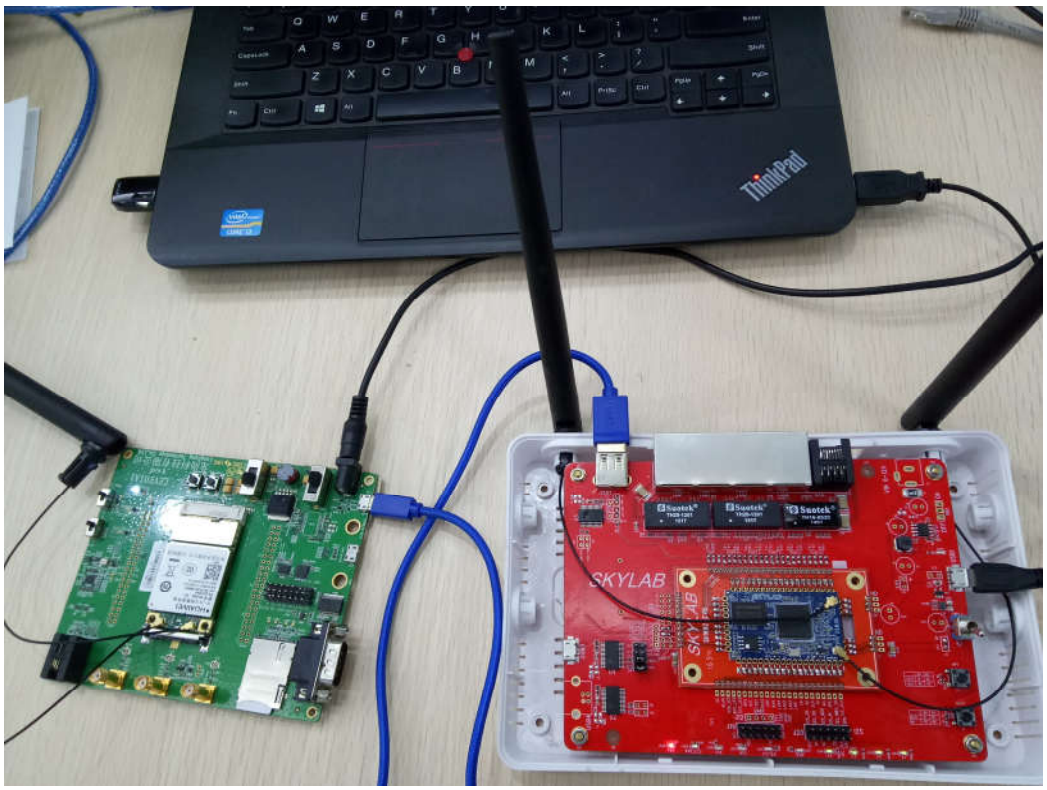
Three Operation Mode:
1）Gateway
2）AP Client
3）Bridge

1).Setup “Gateway Mode”

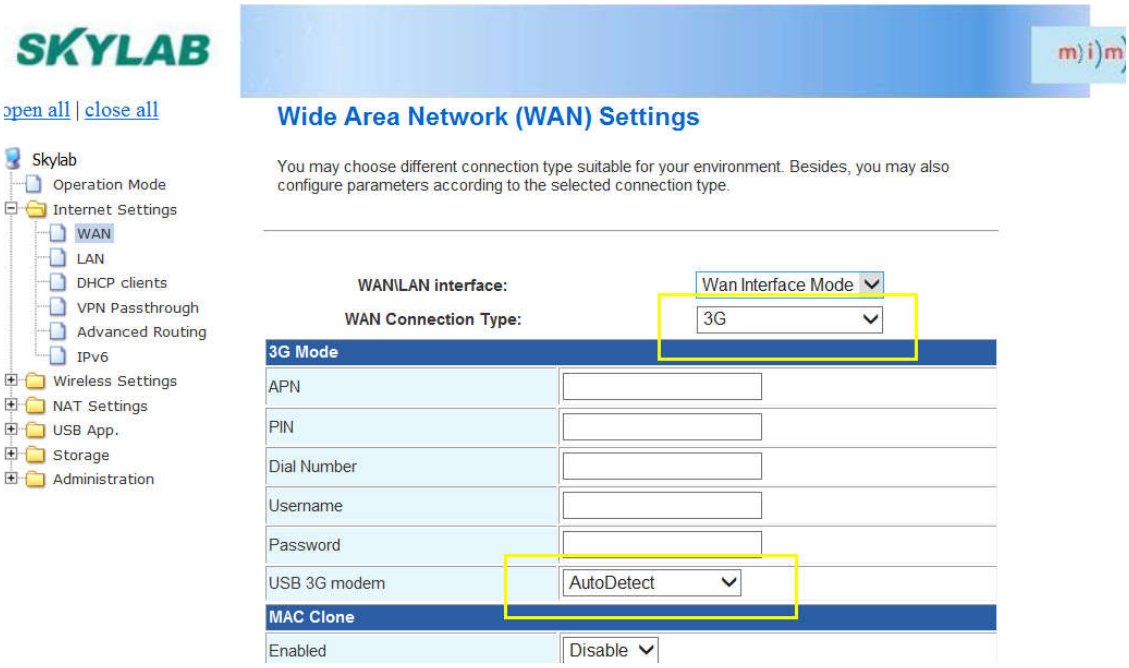
A. Choose Gateway in the mode setting；
B. Network setting as“WAN”；



C. There are ADSL、L2TP、PPTP、3G these ways to connect to WAN in“WAN connected mode”， The following is 3G mode；
①SKW92 module connect to 3G module；
Use USB line to connect SKW92_EVB and 3G_EVB；

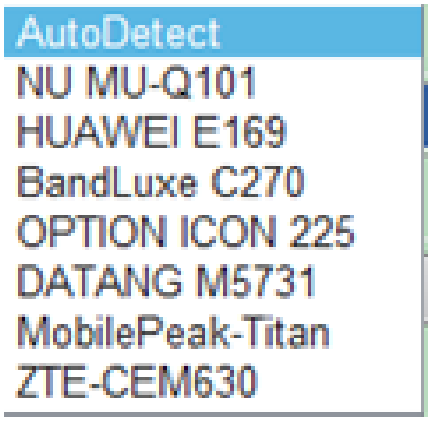


②Set the WAN online mode to 3G，then select the 3G modem (by default)；



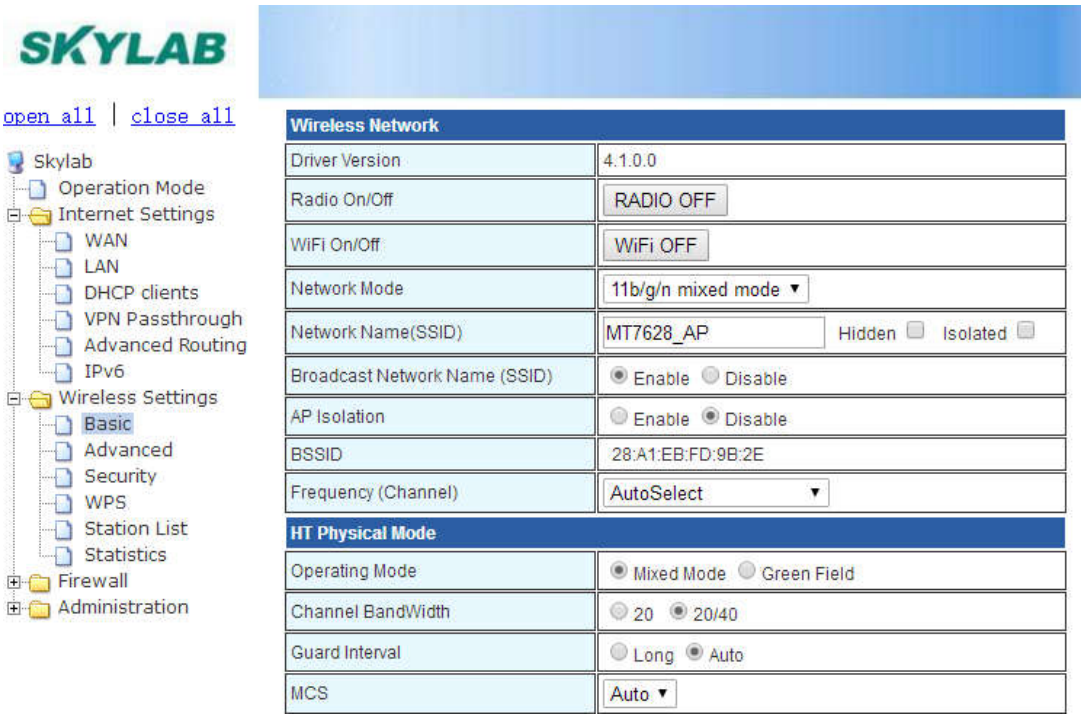
③Through the 3G network connection：

In the above table is filled with operators to provide the corresponding APN, PIN, Dial, Number, USB and 3G card support models are as follows, only supports the following models, if there are other models need support, please contact our technical support；

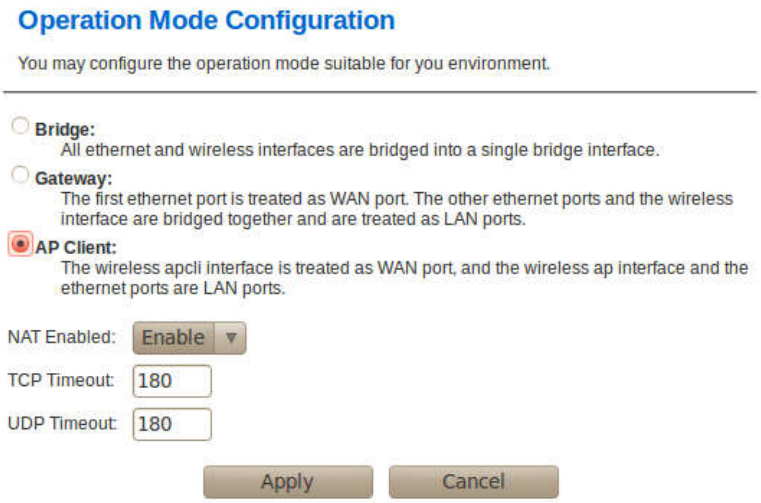


SKW92 module supports 3G routing internet access function, the 3G card inserted into the 3G module _EVB, power on the network to complete the connection automatically, to get to the server IP after the state shows the following icon, you can use 3G traffic；

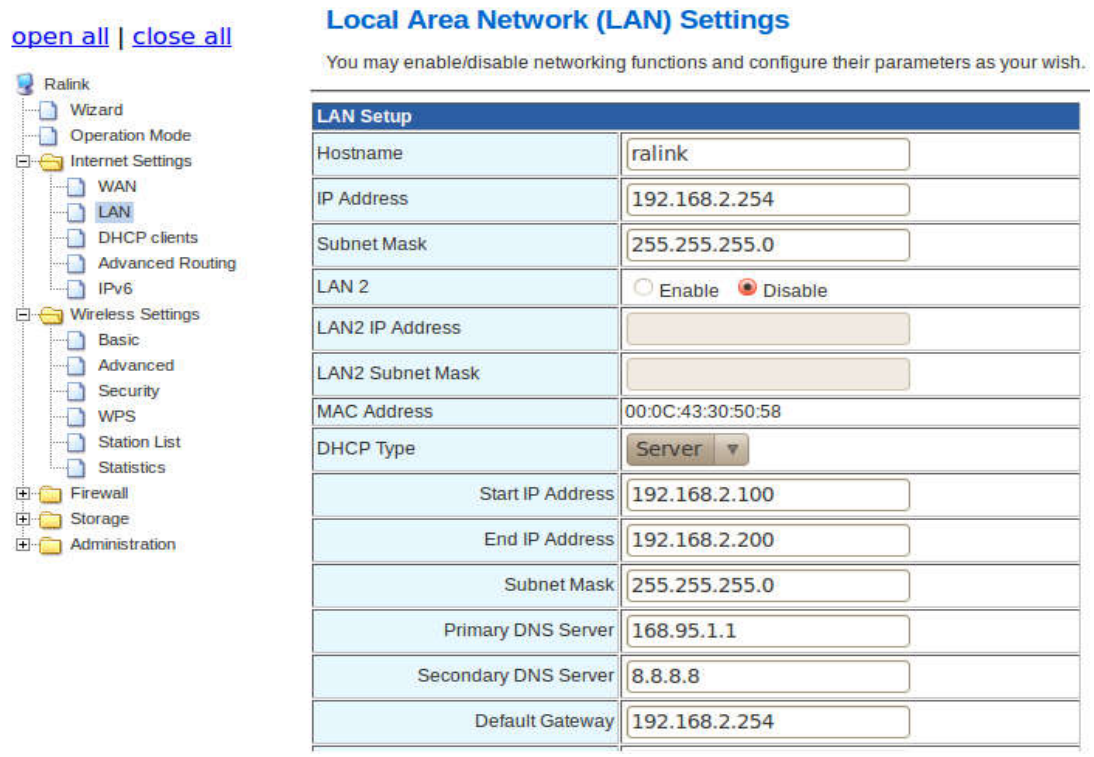
D. Wireless Network Setting；



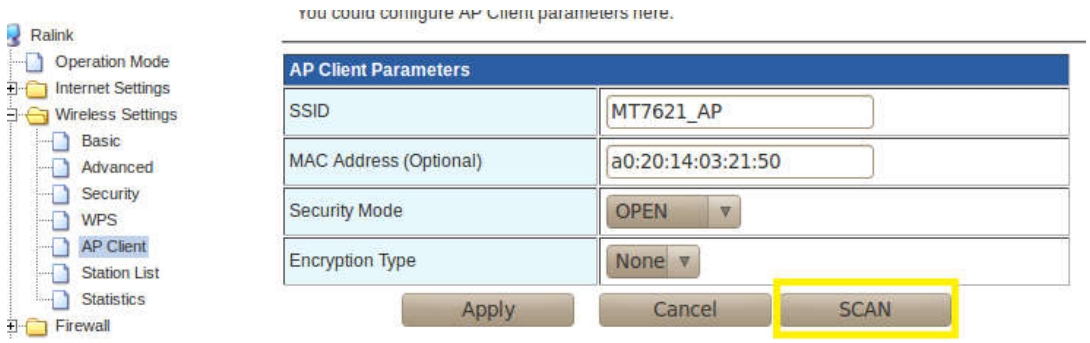
2).Setup “AP Client Mode”



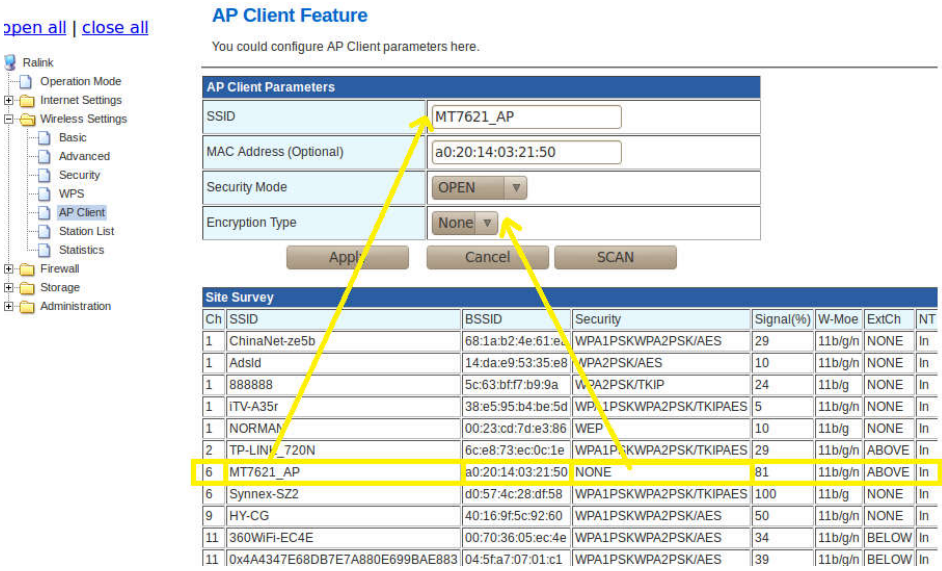
A. First setting IP of AP router and SKW92：
Outer default AP router IP address is 192.1681.1.1；
SKW92 use the own IP address，192.168.2.254；



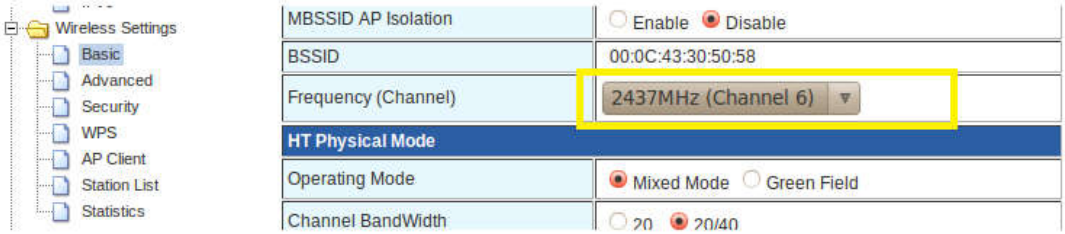
B. Click“AP Client”—>“Scan”；



C. Select AP, click“Apply”;



D. Modify the wireless channel, make it the same as the channel of the AP;



Note：AP Router and AP client set to the same channel.

5. Contact Information

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