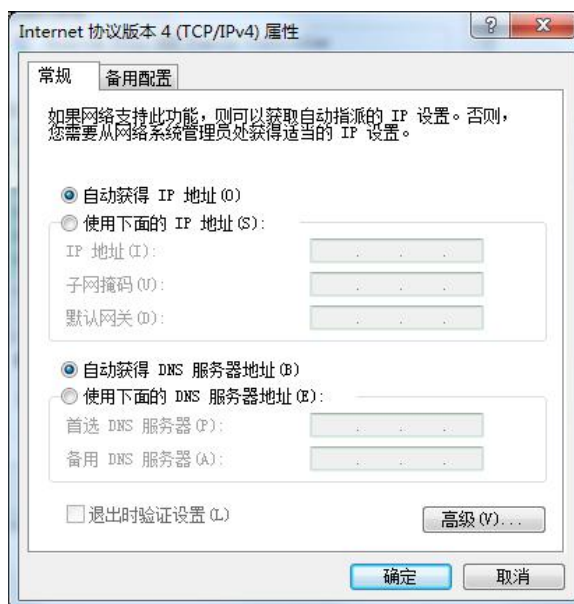


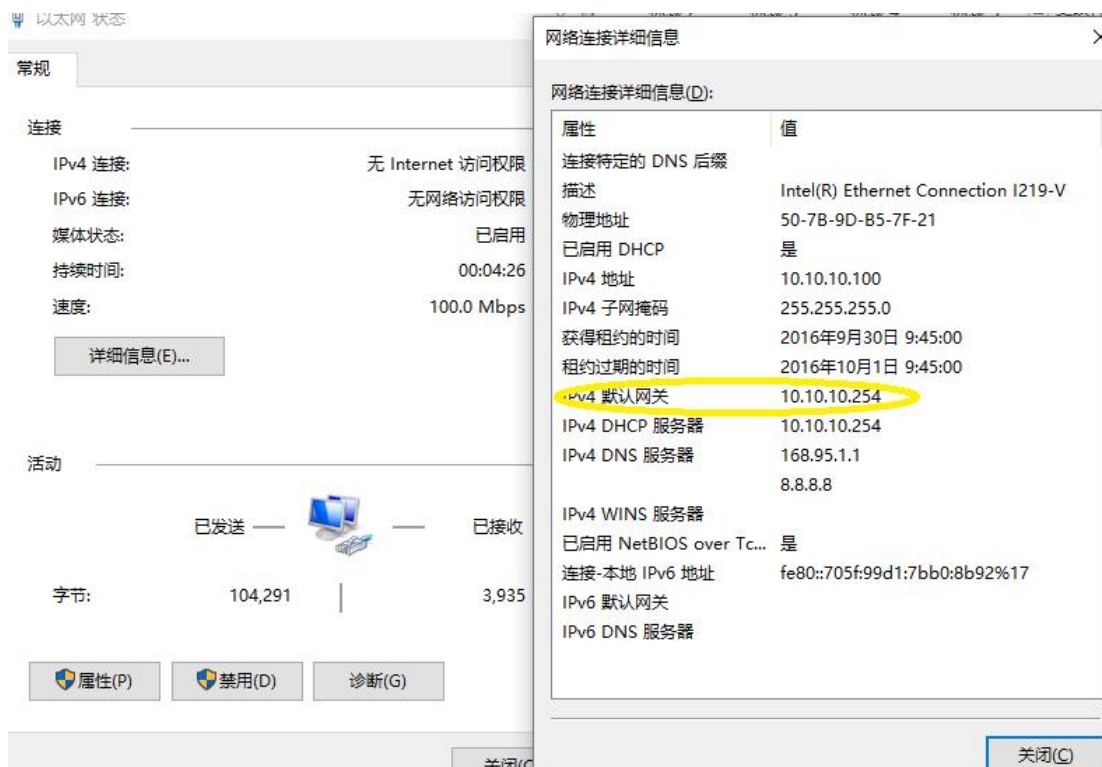
SKW92A Webpage Configuration Introduction

1. Login on by wired network

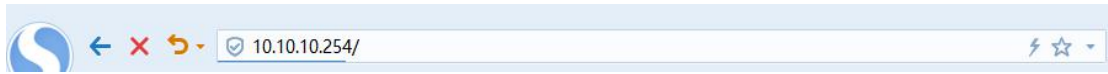
- 1) Use cable to connect SKW92A's LAN port and PC's port.
- 2) Set up to get IP address automatically;



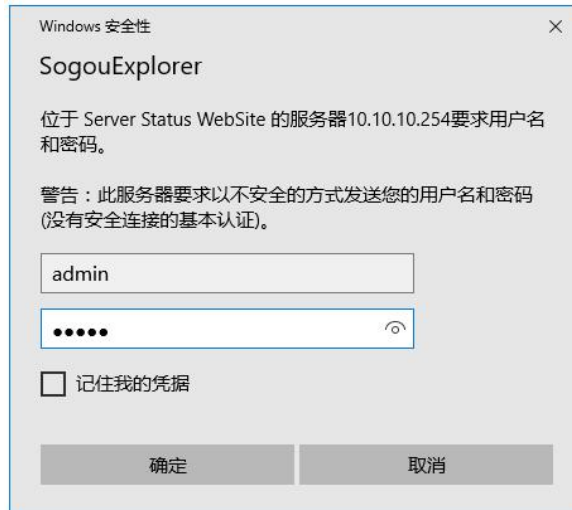
- 3) After get IP address, check "detailed information", remember gateway IP address.



4) Open browser, input gateway IP address, as above pic shown 10.10.10.254



5) Input user's name: admin, password: admin, and then login on the config interface;



1. Login on by wireless network

- 1) Open PC `s wireless network, click " check available wireless network"
- 2) Choose SSID's name MT7620_AP from the wireless network list. (this SSID name might be named others);
- 3) After connected, input 10.10.10.254in the browser;
- 4) Input user's name: admin, password: admin, and the login on config interface.

一. Webpage Configuration Brief Introduce

1. Webpage Introduce

If it is the first time to login on, Pls check the following picture, the left menu is function settings contents, and the right menu is specific parameters` config. You can change the language as you wish.(Simplified Chinese, Complicated Chinese, English)



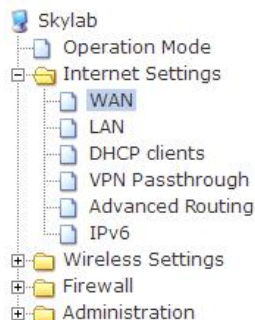
2. Operating Mode



1. Gateway Mode

- 1) Choose Gateway in the mode selection, and click "Apply";
- 2) In internet settings, to choose "WAN";
- 3) In "WAN Connection Type", there are many ways to connect Wide area network, for example, fixed IP, DHCP, ADSL, L2TP, PPTP, 3G, In this part, introduce 3G mode mainly;

[open all](#) | [close all](#)



Wide Area Network (WAN) Settings

You may choose different connection type suitable for your environment. Besides, you may also configure parameters according to the selected connection type.

WAN Connection Type:		DHCP (Auto config) ▼
DHCP Mode		STATIC (fixed IP)
Hostname (optional)		DHCP (Auto config)
		PPPoE (ADSL)
		L2TP
MAC Clone		PPTP
Enabled	Disable ▼	
Apply		Cancel

Connect external internet by 3G net card;
SKW92 module support 3G router function, insert 3G net card into module's 3G port, after configuration finished, then connect wide area network;

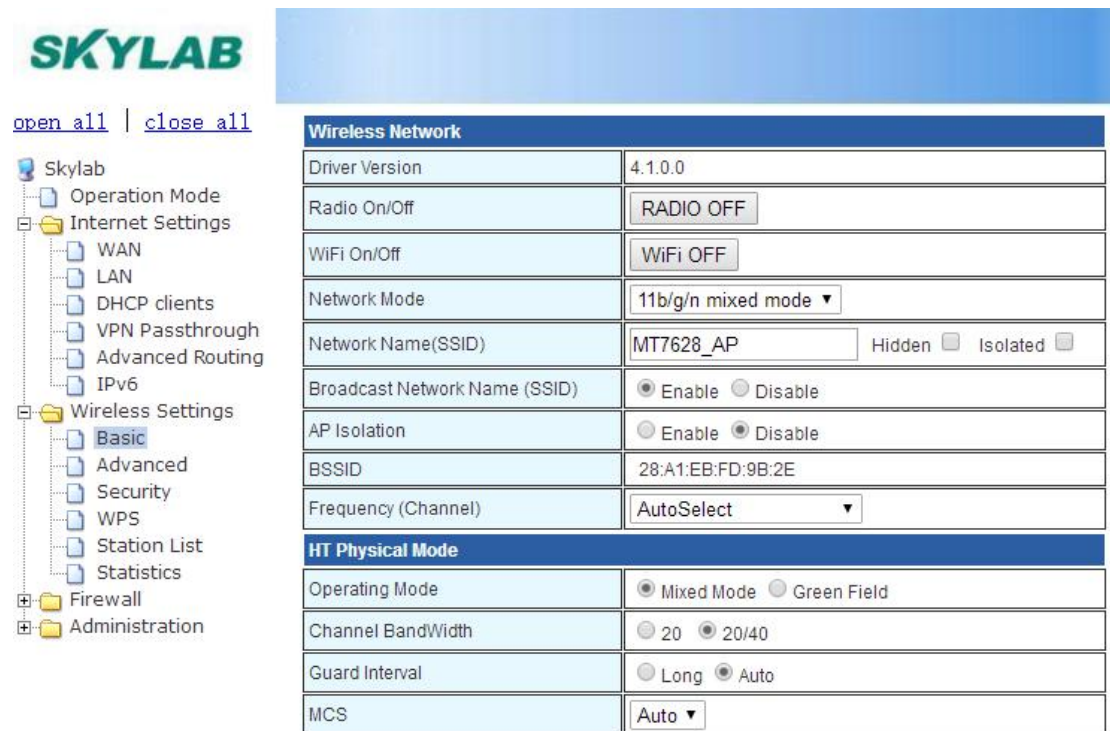
3G 模式	
APN	<input type="text"/>
PIN	<input type="text"/>
Dial Number	<input type="text"/>
Username	<input type="text"/>
Password	<input type="text"/>
USB 3G 调制解调器	AutoDetect ▼
MAC 复制	
Enabled	停用 ▼

In the above, fill in APN, PIN, Dial Number which are offered by service operator. In addition, USB 3G net card can support the following models. If need other models, pls contact SKYLAB to offer technical support.

AutoDetect
NU MU-Q101
HUAWEI E169
BandLuxe C270
OPTION ICON 225
DATANG M5731
MobilePeak-Titan
ZTE-CEM630

4) Wireless network configuration
In wireless network, choose "basic";

Choose network mode, SSID name;



Wireless Network	
Driver Version	4.1.0.0
Radio On/Off	RADIO OFF
WiFi On/Off	WiFi OFF
Network Mode	11b/g/n mixed mode ▼
Network Name(SSID)	MT7628_AP Hidden <input type="checkbox"/> Isolated <input type="checkbox"/>
Broadcast Network Name (SSID)	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
AP Isolation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
BSSID	28:A1:EB:FD:9B:2E
Frequency (Channel)	AutoSelect ▼
HT Physical Mode	
Operating Mode	<input checked="" type="radio"/> Mixed Mode <input type="radio"/> Green Field
Channel BandWidth	<input type="radio"/> 20 <input checked="" type="radio"/> 20/40
Guard Interval	<input type="radio"/> Long <input checked="" type="radio"/> Auto
MCS	Auto ▼

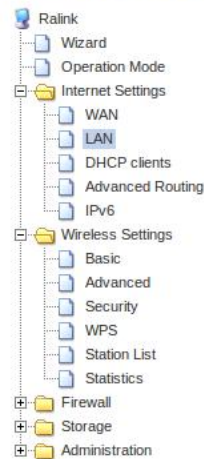
And then click "Apply", then finish the configuration of Gateway.

2. AP Client Mode



- 1) Firstly, config AP router and SKW92's IP address.
 - 1 Assume external AP router is using default IP address, like 192.168.1.1;
 - 2 SKW92 use one of its own IP segments, for example, 192.168.2.254;
 - 3 In order to avoid AP router's IP conflict to SKW92's IP, at the same time, you can use this to check. In AP Client mode, the terminal device's IP address was distributed by which router.

[open all](#) | [close all](#)



Local Area Network (LAN) Settings

You may enable/disable networking functions and configure their parameters as your wish.

LAN Setup	
Hostname	ralink
IP Address	192.168.2.254
Subnet Mask	255.255.255.0
LAN 2	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
LAN2 IP Address	
LAN2 Subnet Mask	
MAC Address	00:0C:43:30:50:58
DHCP Type	Server ▼
Start IP Address	192.168.2.100
End IP Address	192.168.2.200
Subnet Mask	255.255.255.0
Primary DNS Server	168.95.1.1
Secondary DNS Server	8.8.8.8
Default Gateway	192.168.2.254

2) Config as AP Client Mode

Operation Mode Configuration

You may configure the operation mode suitable for you environment.

- ☐ **Bridge:**
All ethernet and wireless interfaces are bridged into a single bridge interface.
- ☐ **Gateway:**
The first ethernet port is treated as WAN port. The other ethernet ports and the wireless interface are bridged together and are treated as LAN ports.
- ☒ **AP Client:**
The wireless apcli interface is treated as WAN port, and the wireless ap interface and the ethernet ports are LAN ports.

NAT Enabled:

TCP Timeout:

UDP Timeout:

3) AP client connect to AP config

A. Click "AP Client"—>Click "Scan"



you could configure AP Client parameters here.

AP Client Parameters	
SSID	MT7621_AP
MAC Address (Optional)	a0:20:14:03:21:50
Security Mode	OPEN ▼
Encryption Type	None ▼

B. Fill in the AP's SSID and Security you need, click "Apply"

[open all](#) | [close all](#)

Ralink

- Operation Mode
- Internet Settings
- Wireless Settings
 - Basic
 - Advanced
 - Security
 - WPS
 - AP Client
 - Station List
 - Statistics
- Firewall
- Storage
- Administration

AP Client Feature

You could configure AP Client parameters here.

AP Client Parameters	
SSID	MT7621_AP
MAC Address (Optional)	a0:20:14:03:21:50
Security Mode	OPEN
Encryption Type	None
<input type="button" value="Apply"/> <input type="button" value="Cancel"/> <input type="button" value="SCAN"/>	

Site Survey							
Ch	SSID	BSSID	Security	Signal(%)	W-Moe	ExtCh	NT
1	ChinaNet-ze5b	68:1a:b2:4e:61:e8	WPA1PSKWPA2PSK/AES	29	11b/g/n	NONE	In
1	Adslid	14:da:e9:53:35:e8	WPA2PSK/AES	10	11b/g/n	NONE	In
1	888888	5c:63:bf:f7:b9:9a	WPA2PSK/TKIP	24	11b/g	NONE	In
1	ITV-A35r	38:e5:95:b4:be:5d	WPA1PSKWPA2PSK/TKIP/AES	5	11b/g/n	NONE	In
1	NORMAN	00:23:cd:7d:e3:86	WEP	10	11b/g	NONE	In
2	TP-LINK_720N	6c:e8:73:ec:0c:1e	WPA1PSKWPA2PSK/TKIP/AES	29	11b/g/n	ABOVE	In
6	MT7621_AP	a0:20:14:03:21:50	NONE	81	11b/g/n	ABOVE	In
6	Synnex-SZ2	d0:57:4c:28:df:58	WPA1PSKWPA2PSK/TKIP/AES	100	11b/g	NONE	In
9	HY-CG	40:16:9f:5c:92:60	WPA1PSKWPA2PSK/AES	50	11b/g/n	NONE	In
11	360WiFi-EC4E	00:70:36:05:ec:4e	WPA1PSKWPA2PSK/AES	34	11b/g/n	BELOW	In
11	0x4A4347E68DB7E7A880E699BAE883	04:5f:a7:07:01:c1	WPA1PSKWPA2PSK/AES	39	11b/g/n	BELOW	In

C. Modified wireless channel same to the AP wireless channel you need.

Wireless Settings

- Basic
- Advanced
- Security
- WPS
- AP Client
- Station List
- Statistics

MBSSID AP Isolation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
BSSID	00:0C:43:30:50:58
Frequency (Channel)	2437MHz (Channel 6)
HT Physical Mode	
Operating Mode	<input checked="" type="radio"/> Mixed Mode <input type="radio"/> Green Field
Channel BandWidth	<input type="radio"/> 20 <input checked="" type="radio"/> 20/40

Pls attention: Ap Router and AP client should be configed as the same channel.