

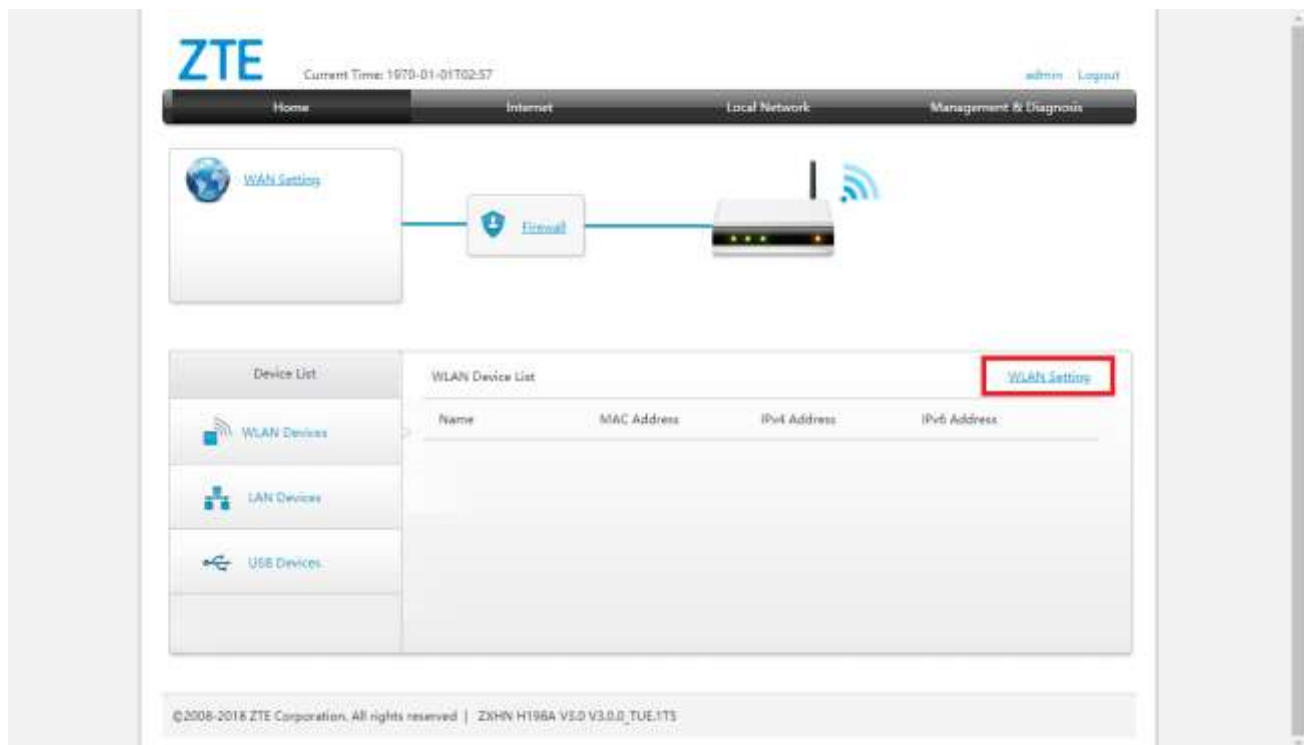
Set up Wireless on AP ZTE ZXHNH198A

1. Type **192.168.2.1** and press **Enter**

- User = admin
- Password = enter letters as shown below (click it again if they're not clear, format will change but always the same code)
- Press **Login**



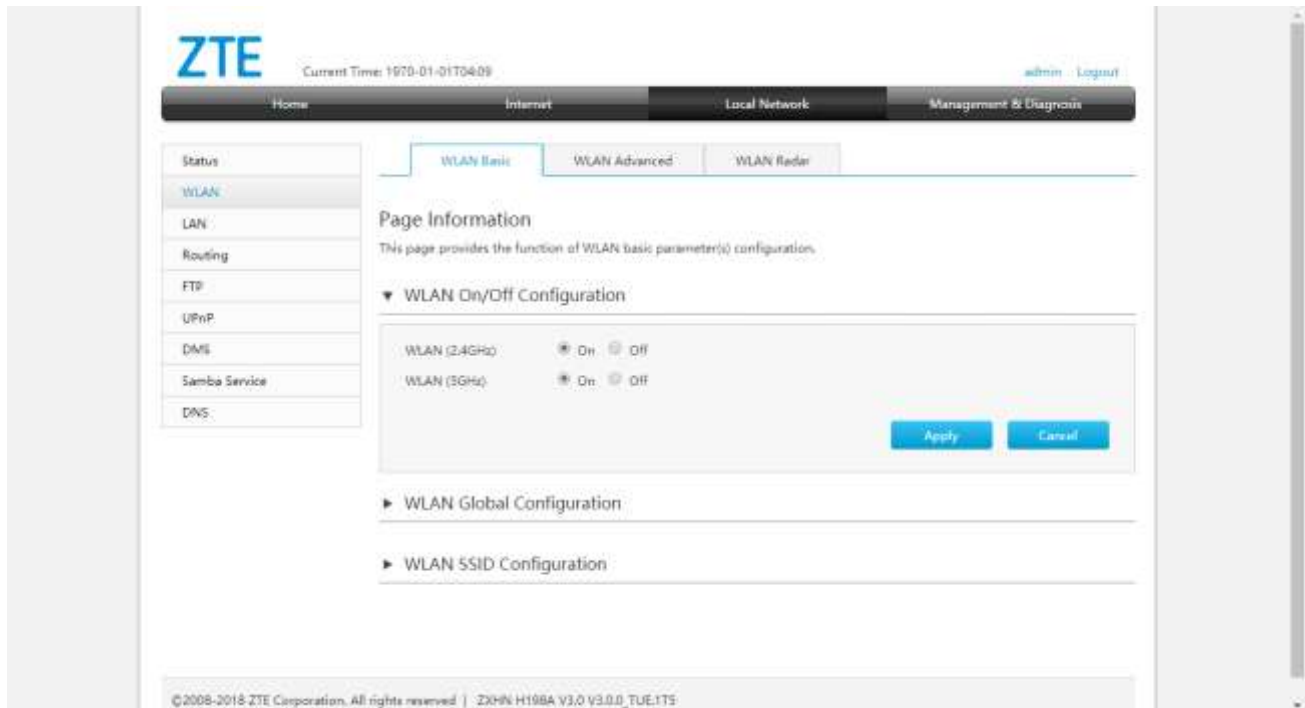
2. After Login at Home > **WLAN Setting**



3. Set up WLAN Basic : select WLAN > WLAN Basic

3.1. WLAN On/Off Configuration

- WLAN (2.4GHz) : choose On when wish to turn on, Off when wish to turn off
- WLAN (5GHz) : choose On when wish to turn on, Off when wish to turn off
- When finished, press Apply



The screenshot shows the ZTE web management interface. At the top, there is a navigation bar with 'Home', 'Internet', 'Local Network', and 'Management & Diagnosis'. The 'Local Network' tab is selected. On the left, a sidebar menu lists various settings: Status, WLAN (highlighted), LAN, Routing, FTP, UPnP, DMZ, Samba Service, and DNS. The main content area is titled 'WLAN Basic' and includes a 'Page Information' section stating 'This page provides the function of WLAN basic parameter(s) configuration.' Below this is the 'WLAN On/Off Configuration' section, which contains two rows: 'WLAN (2.4GHz)' and 'WLAN (5GHz)'. Each row has radio buttons for 'On' (selected) and 'Off'. At the bottom right of this section are 'Apply' and 'Cancel' buttons. Below the configuration section are expandable sections for 'WLAN Global Configuration' and 'WLAN SSID Configuration'. The footer of the page reads '©2008-2018 ZTE Corporation. All rights reserved | ZXHN H198A V3.0 V3.0.0_TUE.1T5'.

3.2. WLAN Global Configuration

- Channel : Auto (default) or change to preferred Channel
- Mode : by default support all Modes or can change as desired
- Band Width : Width : the more Wireless band width, the more speed it is, but depending on the connected device that should support MIMO
- Transmitting Power : the more value, the more transmitting depth but narrower
- When completed, press Apply

▼ WLAN Global Configuration

▼ 2.4GHz

Channel	Auto			
Mode	Mixed (802.11b/g/n)			IEEE 802.11b Only IEEE 802.11g Only IEEE 802.11n Only Mixed (802.11b/g) Mixed (802.11g/n) Mixed (802.11b/g/n)
Country/Region	United States of America			1 2 3 4 5 6 7 8 9 10 11
Band Width	20MHz		Auto 20MHz 40MHz	
SGI	<input checked="" type="radio"/> On <input type="radio"/> Off			
Beacon Interval	100 ms			
Transmitting Power	Standard		High Medium Standard	
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>				

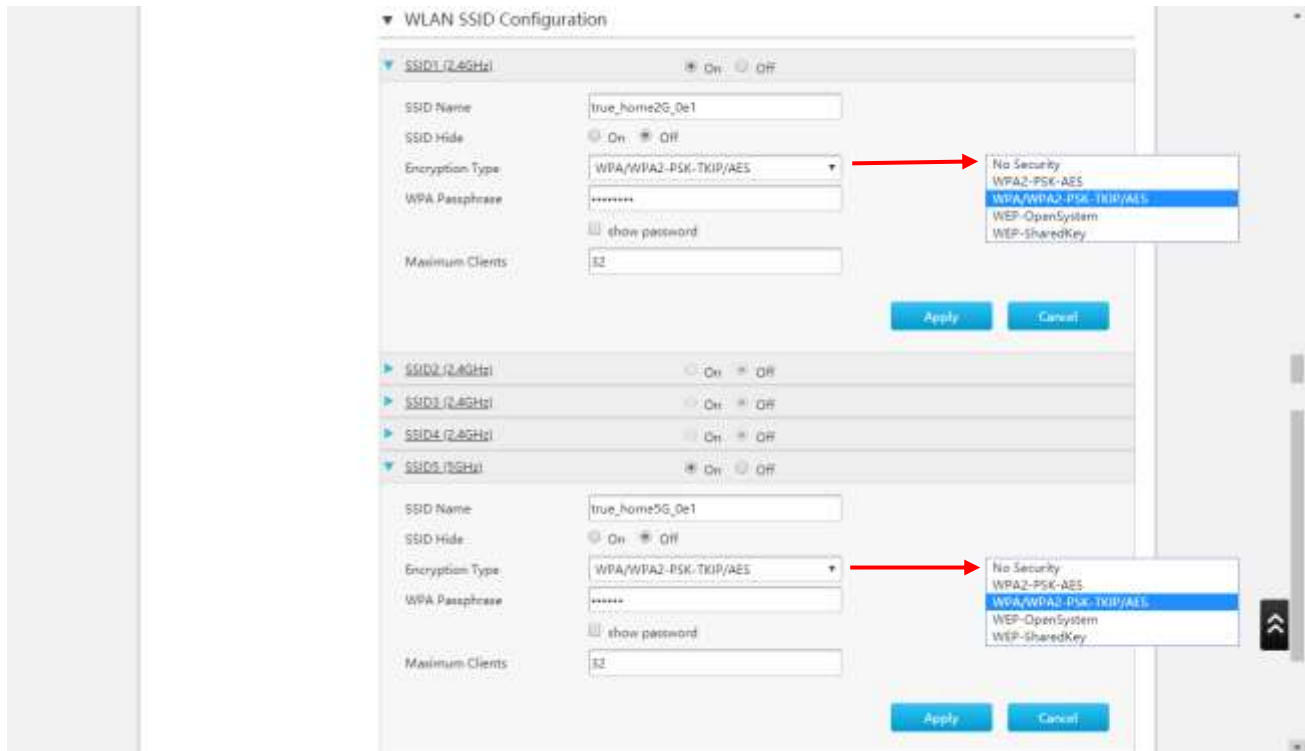
▼ 5GHz

Channel	Auto			
Mode	Mixed (802.11a/n/ac)			IEEE 802.11a Only IEEE 802.11n Only Mixed (802.11a/n) Mixed (802.11a/n/ac)
Country/Region	United States of America			36 40 44 48 149 153 157 161
DFS	Without DFS			
Band Width	Auto		Auto 20MHz 40MHz 80MHz	
SGI	<input checked="" type="radio"/> On <input type="radio"/> Off			
Beacon Interval	100 ms			
Transmitting Power	Standard		High Medium Standard	
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>				

3.3. WLAN SSID Configuration

3.3.1. Set SSID

- SSID Name : Wireless name
- SSID Hide : Off by default, if want to hide, select On
- Encryption Type :
- WPA Passphrase : Wireless password (set according to the selected type)
- When finished, press Apply



3.3.2. Encryption Type: No Security

- Encryption Type : select No Security, connect Wireless without entering the password
- When finished, press Apply

▼ WLAN SSID Configuration

▼ SSID1 (2.4GHz) On Off

SSID Name

SSID Hide On Off

Encryption Type No Security ▼

Maximum Clients

▶ SSID2 (2.4GHz) On Off

▶ SSID3 (2.4GHz) On Off

▶ SSID4 (2.4GHz) On Off

▼ SSID5 (5GHz) On Off

SSID Name

SSID Hide On Off

Encryption Type No Security ▼

Maximum Clients

3.3.3. WPA2-PSK-AES, WPA/WPA2-PSK-TKIP/AES

- Encryption Type : select WPA2-PSK-AES or WPA/WPA2-PSK-TKIP/AES : enter the password contains 8-63 characters
- When finished, press Apply

▼ WLAN SSID Configuration

▼ SSID1 (2.4GHz) On Off

SSID Name

SSID Hide On Off

Encryption Type WPA2-PSK-AES ▼

WPA Passphrase

WPA Group Rekey Time s

Maximum Clients

▶ SSID2 (2.4GHz) On Off

▶ SSID3 (2.4GHz) On Off

▶ SSID4 (2.4GHz) On Off

▼ SSID5 (5GHz) On Off

SSID Name

SSID Hide On Off

Encryption Type WPA2-PSK-AES ▼

WPA Passphrase

WPA Group Rekey Time s

Maximum Clients

▼ WLAN SSID Configuration

▼ SSID1 (2.4GHz) On Off

SSID Name

SSID Hide On Off

Encryption Type WPA/WPA2-PSK-TKIP/AES ▼

WPA Passphrase

WPA Group Rekey Time s

Maximum Clients

▶ SSID2 (2.4GHz) On Off

▶ SSID3 (2.4GHz) On Off

▶ SSID4 (2.4GHz) On Off

▼ SSID5 (5GHz) On Off

SSID Name

SSID Hide On Off

Encryption Type WPA/WPA2-PSK-TKIP/AES ▼

WPA Passphrase

WPA Group Rekey Time s

Maximum Clients

3.3.4. WEP-OpenSystem, WEP-SharedKey

- Encryption Type : select WEP-OpenSystem or WEP-SharedKey : enter number or letter contains 5 characters
- When finished, press Apply

The image displays two side-by-side screenshots of the 'WLAN SSID Configuration' interface. Both screenshots show the configuration for SSID1 (2.4GHz) and SSID2 (5GHz). In both, the 'Encryption Type' dropdown menu is highlighted with a red box and set to 'WEP-OpenSystem'. The 'WEP Key Index' is set to 1 for SSID1 and 2 for SSID2. The WEP keys are entered as 11111, 22222, 33333, and 44444. The 'Maximum Clients' is set to 32. The 'Apply' button is highlighted in blue.

SSID	Frequency	Encryption Type	WEP Key Index	WEP Key 1	WEP Key 2	WEP Key 3	WEP Key 4	Maximum Clients
SSID1	2.4GHz	WEP-OpenSystem	1	11111	22222	33333	44444	32
SSID2	5GHz	WEP-OpenSystem	2	11111	22222	33333	44444	32

4. WLAN Advanced: select WLAN > WLAN Advanced

4.1. Access Control-Mode Configuration : limit the internet usage via Wi-Fi

- No Filter : No Filter (default)
- Black List : if choose Black List and **Mac Address entered**, that device will not be able to use the internet but other connected device can normally use the internet
- White List : if choose White List and **Mac Address entered**, that device will be able to use the internet but other connected device cannot use the internet
- After select Black List or White List, press Apply
- Press ADD to enter Mac Address

The screenshot shows the 'WLAN Advanced' configuration page. On the left is a navigation menu with 'WLAN' selected, and sub-items: LAN, Routing, UPnP, and DNS. The main content area has three tabs: 'WLAN Basic', 'WLAN Advanced' (selected), and 'WLAN Radar'. Below the tabs, there are two sections:

Access Control-Mode Configuration

SSID	No Filter	Black List	White List	Band
SSID1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	WiFi 2.4GHZ
SSID2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SSID3	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SSID4	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SSID5	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	WiFi 5GHZ
SSID6	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SSID7	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SSID8	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	

At the bottom right of this section are 'Apply' and 'Cancel' buttons.

Access Control-Rule Configuration

What should be noticed when configuring access control rules?

Below this text is an 'ADD' button with a plus icon, which is highlighted with a red box in the original image.

4.2. Access Control-Rule Configuration (การกำหนดเงื่อนไขของการจำกัดการใช้งาน)

- Name : enter Profile name as desired
- SSID : select SSID1 for 2.4GHz or SSID5 for 5GHz
- MAC Address : enter Mac Address of device to limit the usage
- Press Apply to confirm
- When finished, Profile name will be changed and SSID will be grey

▼ Access Control-Rule Configuration

[What should be noticed when configuring access control rules?](#)

New Item

Name: BokNet2.4 **1**

SSID: SSID1 **2**

MAC Address: aa: bb: cc: dd: ee: ff **3**

4 Apply Cancel

New Item

Name: BokNet5

SSID: SSID5

MAC Address: aa: bb: cc: dd: ee: ff

Apply Cancel

+ ADD

▼ Access Control-Rule Configuration

[What should be noticed when configuring access control rules?](#)

BokNet2.4

Name: BokNet2.4

SSID: SSID1 **6**

MAC Address: aa: bb: cc: dd: ee: ff

Apply Cancel

BokNet5

Name: BokNet5

SSID: SSID5

MAC Address: aa: bb: cc: dd: ee: ff

Apply Cancel

+ ADD

5. Search Wi-Fi network

- Select WLAN > WLAN Radar
- WLAN Radar (2.4G) : search for available 2.4GHz Wi-Fi network
- WLAN Radar (5G) : search for available 5GHz Wi-Fi network
- Press Refresh when want to search again

WLAN

LAN

Routing

UPnP

DNS

WLAN Basic

WLAN Advanced

WLAN Radar

▼ WLAN Radar (2.4G)

AP Name	Signal Strength	MAC Address	Channel	Mode
Xplor 2.4G	-57 dBm	94:46:96:24:08:...	2	b,g,n
.@ TrueMove H	-58 dBm	00:c1:64:99:71:...	11	b,g,n
	-58 dBm	00:c1:64:99:71:...	11	b,g,n
.@ TRUEWIFI	-59 dBm	00:c1:64:99:71:...	11	b,g,n
Docsis2	-63 dBm	20:25:64:2d:84:...	7	b,g,n

[Refresh](#)

▼ WLAN Radar (5G)

AP Name	Signal Strength	MAC Address	Channel	Mode
plooktv_guest_5G	-61 dBm	a0:72:2c:94:6a:...	153	a,n,ac
	-74 dBm	00:c8:8b:e8:fc:ed	36	a,n,ac
	-75 dBm	00:c8:8b:ac:00:...	36	a,n,ac
.@ TrueMove H	-76 dBm	00:c8:8b:ac:00:...	36	a,n,ac

[Refresh](#)