

Q: How to set two AC.Tops in WDS mode by 5GHz wireless?

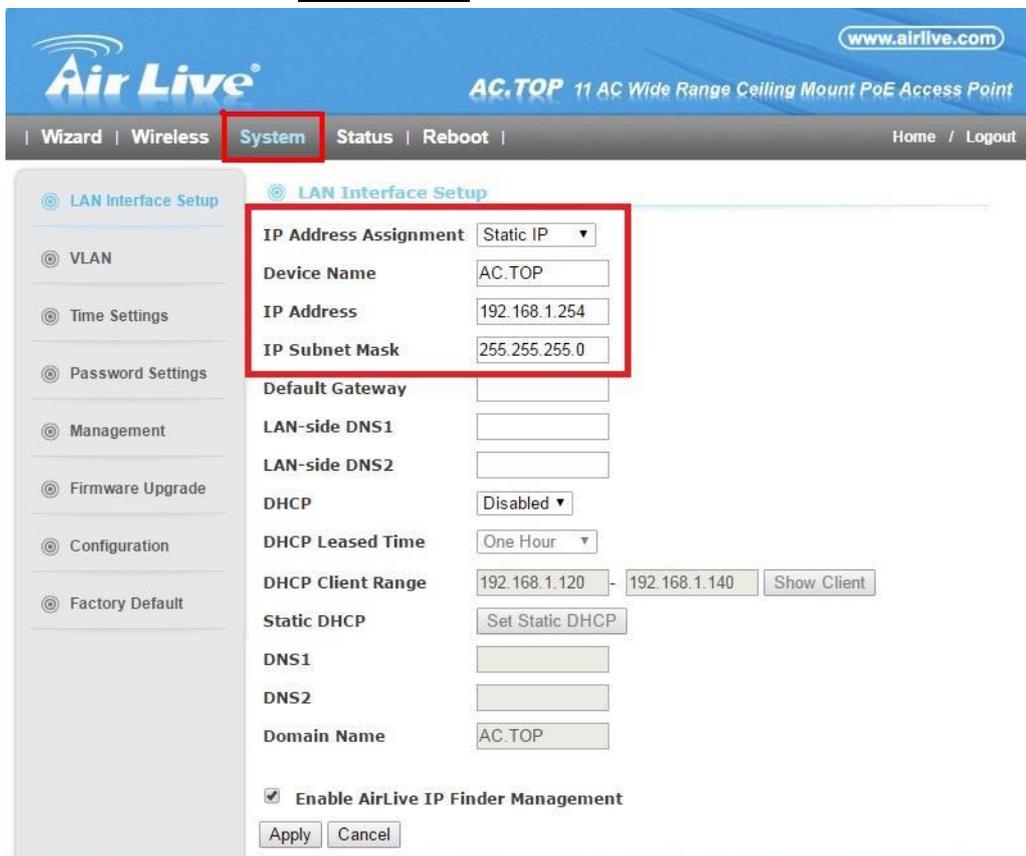
A: We recommend please set your topology as **Router**
<-wired->**AC.Top1 (WDS)** <-wireless-> **AC.Top2 (WDS)**

Before the Setting:

1. Please upgrade the AC.TOP's firmware to V1.08
2. The AP.TOP1 & AC.TOP2 need connect to different switch and notebook to avoid the network loop.
3. Before the setup, please reset the AC.TOP to default.

Please refer the below steps for 5G WDS connection:

1. Set each AC.TOP into different LAN IP address, but the same subnet. for example: 192.168.1.131 for AC.TOP1 and 192.168.1.135 to AC.TOP 2



The screenshot displays the AirLive web management interface for an AC.TOP device. The top navigation bar includes 'Wizard', 'Wireless', 'System' (highlighted with a red box), 'Status', and 'Reboot'. The main content area is titled 'LAN Interface Setup'. A red box highlights the 'IP Address Assignment' dropdown menu, which is set to 'Static IP'. Below this, the 'Device Name' is 'AC.TOP', the 'IP Address' is '192.168.1.254', and the 'IP Subnet Mask' is '255.255.255.0'. Other settings include 'Default Gateway', 'LAN-side DNS1', 'LAN-side DNS2', 'DHCP' (Disabled), 'DHCP Leased Time' (One Hour), 'DHCP Client Range' (192.168.1.120 - 192.168.1.140), 'Static DHCP' (Set Static DHCP), 'DNS1', 'DNS2', and 'Domain Name' (AC.TOP). A checkbox for 'Enable AirLive IP Finder Management' is checked. The bottom of the page has 'Apply' and 'Cancel' buttons.

2. Make sure the DHCP server of AC.TOP1 and AC.TOP2 is disabled.

The screenshot shows the 'LAN Interface Setup' configuration page. The 'System' tab is selected. The 'DHCP' option is set to 'Disabled' and is highlighted with a red box. Other settings include: IP Address Assignment: Static IP; Device Name: AC.TOP; IP Address: 192.168.0.199; IP Subnet Mask: 255.255.255.0; DHCP Leased Time: One Hour; DHCP Client Range: 192.168.1.120 - 192.168.1.140; Domain Name: AC.TOP; and a checked box for 'Enable AirLive IP Finder Management'.

3. Please set the 5GHz wireless mode to **WDS repeater** mode

4. The **Band** of the two AC.TOPs must be the same.
If you set one as AC/A/N, please also set another one as AC/A/N.

The screenshot shows the 'Wireless 5G Settings' configuration page. The 'Wireless 5G' tab is highlighted with a red box. The 'Band' is set to '5 GHz (802.11 ac/a/n)' and is also highlighted with a red box. Other settings include: 'Enable Wireless LAN Interface' checked; Wireless Mode: WDS Repeater; SSID: airlive-5G; Broadcast ESSID: Enable; and Multiple SSID: Setup.

5. Set the same 5GHz channel of AC.TOP1 and AC.TOP2

| Wizard | **Wireless** | System | Status | Reboot |

Wireless 2.4G

Wireless 5G

Advanced Settings

Access Control

Site Survey

WPS

WLAN Schedule

RADIUS

Wireless 5G Settings

Enable Wireless LAN Interface

Wireless Mode: WDS Repeater

Band: 5 GHz (802.11 ac/a/n)

SSID: airlive-5G

Broadcast ESSID: Enable

Multiple SSID: Setup

Auto Channel: Disable

Channel: Ch 48, 5.24GHz

Channel Width: Auto 80/40/20 MHz

Wireless Client Limit: 50

Security: Setup

Data Rate: Auto

RF Power: 100 %

WDS: Setup

6. Set the same encryption and key for AC.TOP1 and AC.TOP2

Enable Wireless LAN Interface

Wireless Mode

Band

SSID

Broadcast ESSID

Multiple SSID

Auto Channel

Channel

Channel Width

Wireless Client Limit

Security

Data Rate

RF Power

WDS

We recommend please disable the WDS encryption

5GHz Security

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Select SSID

SSID choice

Security Settings

Client Isolation

Encryption

Additional Authentication

- In WDS Setup , Please input the AC.TOP1's 5G Local MAC address to AC.TOP2's WDS AP List
Moreover, input the AC.TOP2's MAC address to AC.TOP1

WDS AP List

- Wireless 2.4G
- Wireless 5G**
- Advanced Settings
- Access Control
- Site Survey
- WPS
- WLAN Schedule
- RADIUS

Wireless 5G Settings

Enable Wireless LAN Interface

Wireless Mode **WDS Repeater**

Band 5 GHz (802.11 ac/a/n)

SSID airlive-5G

Broadcast ESSID Enable

Multiple SSID Setup

Auto Channel Enable

Channel range Band 1

Channel Width Auto 80/40/20 MHz

Wireless Client Limit 50

Security Setup

Data Rate Auto

RF Power 100 %

WDS Setup

Wireless Access Control

WDS 5G

MAC address

Encryption None

Local MAC Address 00:4F:6A:0C:37:99

Add

Current WDS AP List

Notification:

1. Once the WDS connection success, if you want to change the wireless settings (ex: RF power, channel, security key, SSID), Please remember to power off another AC.TOP.

For example, if you want to change SSID of the AC.TOP 1, Please disconnect the AC.TOP2 first. After the AC.TOP 1 setup completed, power off the AC.TOP 1 and power on AC.TOP 2 to configure the wireless settings.

2. If WDS connection failed, please check the Status page the BSSID should be **02:xx:xx:xx:xx**

The screenshot shows the 'Status' page of a network management interface. The top navigation bar includes 'Wizard', 'Wireless', 'System', 'Status' (highlighted), and 'Reboot'. The right side of the bar shows 'Home / Logout'. The main content area is titled 'Device Information' and contains two sections: '2.4G Wireless Configuration' and '5G Wireless Configuration'. The '5G Wireless Configuration' section is highlighted with a red box. The BSSID for the 5G configuration is 02:4F:6A:0C:7C:49, which is also highlighted with a red box. The 2.4G configuration shows a BSSID of 00:4F:6A:0C:7C:48.

System	
Uptime	0 day 02:18:39
Hardware version	Rev. A
Runtime code version	1.0.8
2.4G Wireless Configuration	
Mode	AP
Associated Clients	0 Show Active Clients
SSID 1	
SSID	airlive131
Channel	10
Security	Disable
BSSID	00:4F:6A:0C:7C:48
5G Wireless Configuration	
Mode	AP Bridge-Point to Multi-Point
Associated Clients	0 Show Active Clients
SSID 1	
ESSID	top WDS
Channel	Ch 36 + 40
Security	WPA Pre-shared Key
BSSID	02:4F:6A:0C:7C:49

If BSSID is not **02:xx:xx:xx:xx**, PLEASE, reset to factory default to configure settings again