

A: How to setup AC.TOP's VLAN and setting for the switch?

Environment

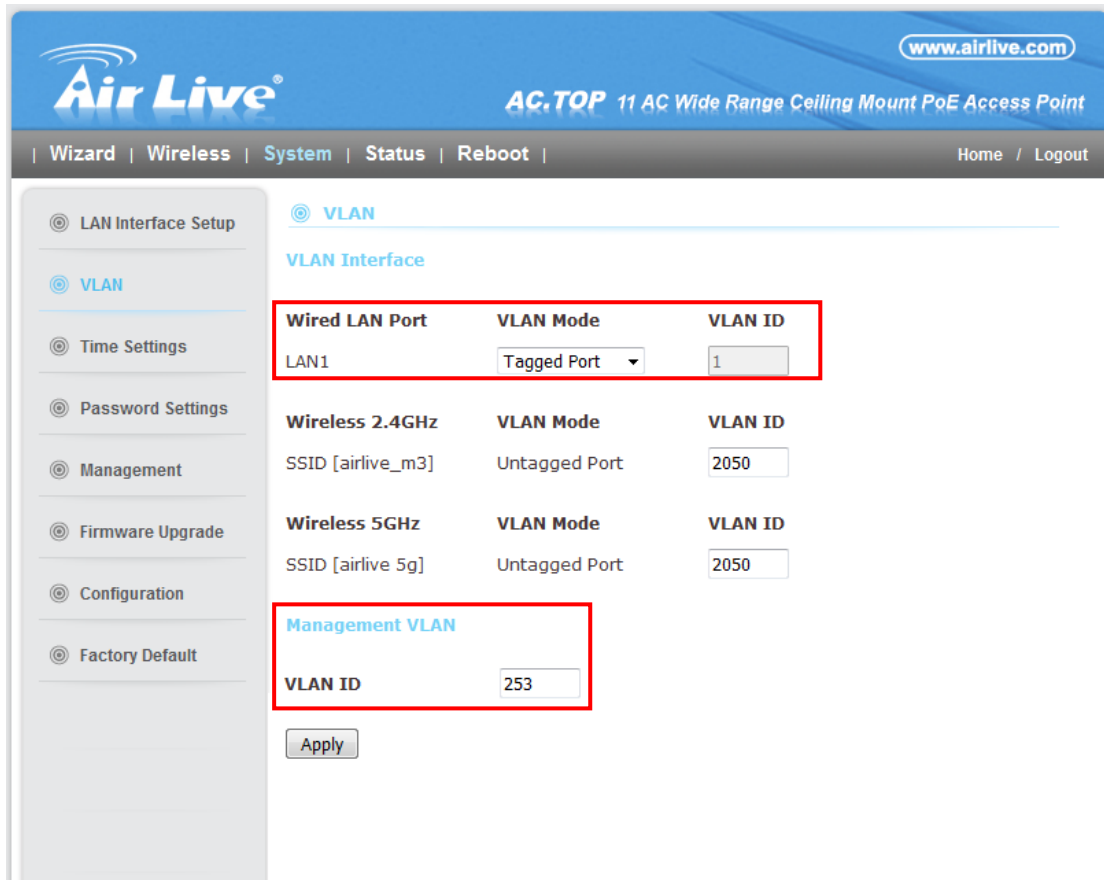
Port 1 – AC Top

Port 2 – DHCP Server (Router)

Port 3 – PC to access the AC.TOP webpage

1. Setting AC. Top

Wired vlan mode – **Tagged port**, the reset, please follow below setting.



The screenshot displays the configuration page for the AC.TOP device. The interface includes a navigation menu on the left with options like LAN Interface Setup, VLAN, Time Settings, Password Settings, Management, Firmware Upgrade, Configuration, and Factory Default. The main content area is titled 'VLAN' and contains three tables for configuration. The first table, 'Wired LAN Port', shows LAN1 configured as a 'Tagged Port' with a 'VLAN ID' of 1. The second table, 'Wireless 2.4GHz', shows SSID [airlive_m3] with 'Untagged Port' and 'VLAN ID' 2050. The third table, 'Wireless 5GHz', shows SSID [airlive 5g] with 'Untagged Port' and 'VLAN ID' 2050. Below these tables is a 'Management VLAN' section with a 'VLAN ID' of 253. An 'Apply' button is located at the bottom of the configuration area.

Wired LAN Port	VLAN Mode	VLAN ID
LAN1	Tagged Port	1

Wireless 2.4GHz	VLAN Mode	VLAN ID
SSID [airlive_m3]	Untagged Port	2050

Wireless 5GHz	VLAN Mode	VLAN ID
SSID [airlive 5g]	Untagged Port	2050

Management VLAN	
VLAN ID	253

Apply

2. Setting vlan member

Port 1 and port 2 in the same member – VID 2050

Port 1 and port 3 in the same member – VID 253

Air LivePOE-GSH2004L-370 20-Port Gigabit + 4-Port UTP/SFP Combo Active PoE Web Smart Switchwww.airlive.com

- Configuration
- System Information
- System Time
- Ports
- VLANs**
- VLAN Mode
- VLAN Group
- VLAN Isolation
- PoE
- Configuration
- State
- Device Guard
- Scheduling
- Aggregation
- RSTP
- IGMP Snooping
- Mirroring
- Quality of Service
- Loop Detection
- Broadcast Storm Protection
- Monitoring
- Statistics Overview
- Detailed Statistics
- RSTP Status
- IGMP Status
- Ping
- Maintenance
- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

Tag-Based VLAN Configuration

Add a VLAN

VLAN ID

[Add](#)

VLAN Configuration List

	VID	Member
<input type="radio"/>	1	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24
<input type="radio"/>	253	1,3,
<input checked="" type="radio"/>	2050	1,2,

[Modify](#) [Delete](#) [Refresh](#)

VLAN Port Configuration


[Port Config](#)

3. Setting vlan port configuration

Port 1 – VID 2050 , trunk port

Port 2 – VID 2050 , access port

Port 3 – VID 253 , access port


POE-GSH2004L-370 20-Port Gigabit + 4-Port UTP/SFP Combo Active PoE Web Smart Switch
www.airlive.com

Configuration

- System Information
- System Time
- Ports
- VLANs**
- VLAN Mode
- VLAN Group
- VLAN Isolation
- PoE
- Configuration
- State
- Device Guard
- Scheduling
- Aggregation
- RSTP
- IGMP Snooping
- Mirroring
- Quality of Service
- Loop Detection
- Broadcast Storm Protection
- Monitoring**
- Statistics Overview
- Detailed Statistics
- RSTP Status
- IGMP Status
- Ping
- Maintenance**
- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

VLAN Per Port Configuration

Port	Ingress Filtering Enabled	Packet Type	PVID	Role	Untagged VID
1	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	2050	Trunk	1
2	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	2050	Access	1
3	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	253	Access	1
4	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
5	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
6	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
7	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
8	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
9	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
10	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
11	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
12	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
13	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1
14	<input type="checkbox"/>	<input checked="" type="radio"/> All <input type="radio"/> Tagged Only	1	Access	1

4. Setting AC. Top

Wired vlan mode – Tagged port

The screenshot displays the Air Live AC.TOP web interface. The top navigation bar includes the Air Live logo, the product name 'AC.TOP 11 AC Wide Range Ceiling Mount PoE Access Point', and the website 'www.airlive.com'. Below the navigation bar, there are tabs for 'Wizard', 'Wireless', 'System', 'Status', and 'Reboot'. The 'System' tab is active, and the 'VLAN' sub-tab is selected. A left sidebar contains a menu with options: LAN Interface Setup, VLAN (selected), Time Settings, Password Settings, Management, Firmware Upgrade, Configuration, and Factory Default. The main content area is titled 'VLAN Interface' and contains three tables. The first table, 'Wired LAN Port', has columns for 'Wired LAN Port', 'VLAN Mode', and 'VLAN ID'. The row for 'LAN1' shows 'Tagged Port' in the 'VLAN Mode' column and '1' in the 'VLAN ID' column. The second table, 'Wireless 2.4GHz', has columns for 'Wireless 2.4GHz', 'VLAN Mode', and 'VLAN ID'. The row for 'SSID [airlive_m3]' shows 'Untagged Port' in the 'VLAN Mode' column and '2050' in the 'VLAN ID' column. The third table, 'Wireless 5GHz', has columns for 'Wireless 5GHz', 'VLAN Mode', and 'VLAN ID'. The row for 'SSID [airlive 5g]' shows 'Untagged Port' in the 'VLAN Mode' column and '2050' in the 'VLAN ID' column. Below these tables is a 'Management VLAN' section with a 'VLAN ID' field set to '253'. An 'Apply' button is located at the bottom of the configuration area.

Wired LAN Port	VLAN Mode	VLAN ID
LAN1	Tagged Port	1

Wireless 2.4GHz	VLAN Mode	VLAN ID
SSID [airlive_m3]	Untagged Port	2050

Wireless 5GHz	VLAN Mode	VLAN ID
SSID [airlive 5g]	Untagged Port	2050

Management VLAN

VLAN ID
253

Apply

5. Result

When connect to AC.TOP's SSID , users can get the IP address and access the internet.

When access the AC.TOP webpage by PC which is connected to port 3 , it is working.