



VANCO TP Link Switch Configuration Instructions

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VANCO TP Link Switch Configuration



TP Link Switch Configuration

The EVO-IP HDMI over IP System is compatible with the following.

TP Link Switches:

- TL-SG3428MP

- TL-SG3428XMP
- TL-SG3452P
- TL-SG3452XP

Below are the configuration steps required to set up the system.

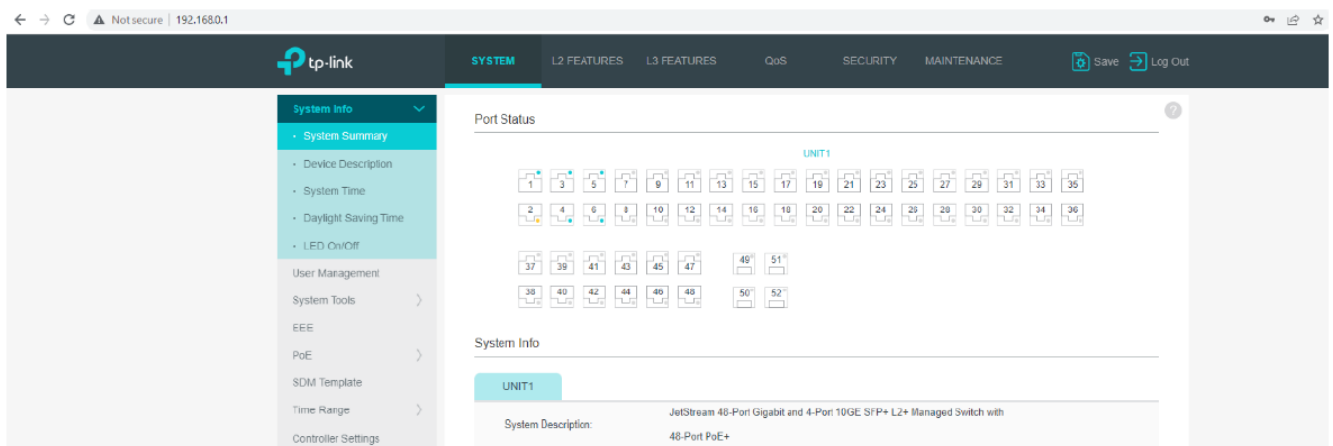
The EVO-IP HDMI over IP System has been tested and confirmed to work with the following TP Link Switches:

TL-SG3428MP, TL-SG3428XMP, TL-SG3452P, TL-SG3452XP

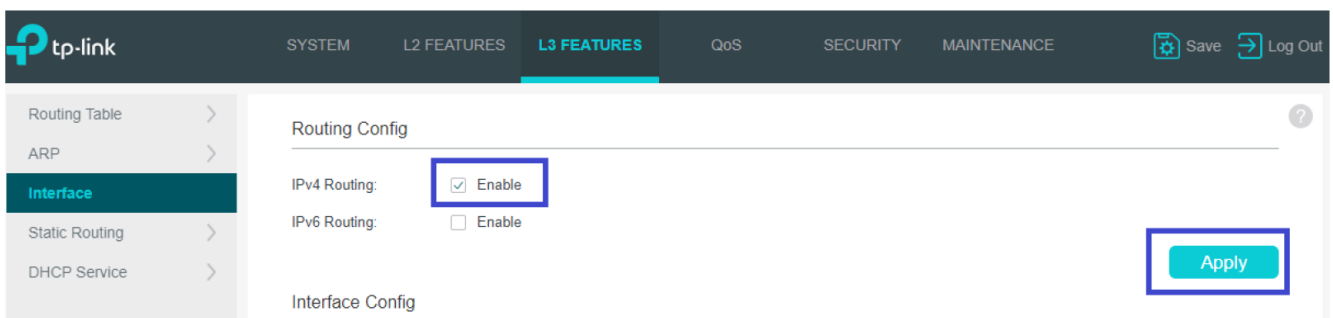
Below are screenshots (used with TL-SG3452XP) showing the configuration needed to get the system up and running. Please refer to their manual and instructions on how to get access to the TP-Link user interface to change the settings below.

Single Switch Systems

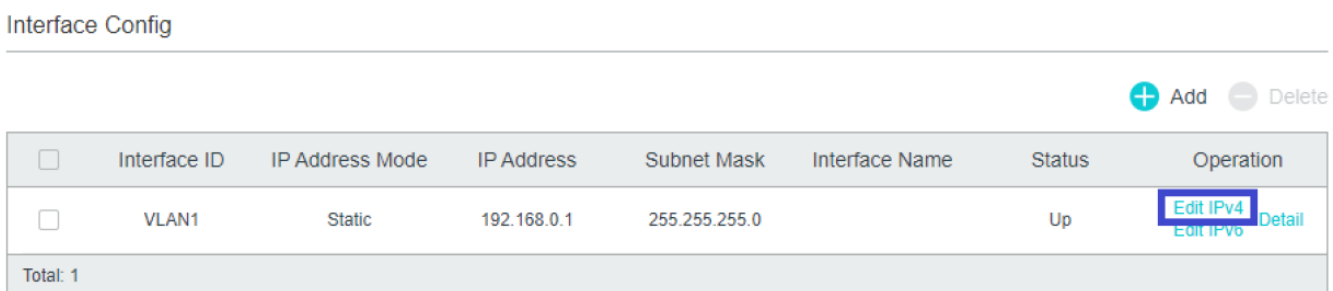
1. Connect your computer and switch to the same network. Type in the default IP address of the TP-Link switch into a browser (192.168.0.1 in this case) and enter the default username and password of admin. You will be asked to change the password. Enter the NEW password and select Log In to get into the user interface.



2. By default, the IP address of the switch may be set to DHCP. To set this to static, select L3 Features, then Interface. Click to Enable IPv4 Routing then click Apply.



3. Under the Interface Config menu, click on Edit IPv4.



4. Under the Modify IPv4 Interface menu, click to Enable Admin Status, select Static, and enter the desired IP address and Subnet Mask. When the information is correct, click on Apply.

Modify IPv4 Interface

Interface ID: VLAN1

Admin Status: ☒ Enable

Interface Name: (Optional. 1-16 characters)

IP Address Mode: ☐ None ☒ Static ☐ DHCP ☐ BOOTP

IP Address: (Format: 192.168.0.1)

Subnet Mask: (Format: 255.255.255.0)

Apply

5. Next, select the L2 Features tab at the top of the screen, and select Port on the menu bar on the left of the screen. In the field next to Jumbo enter 9216 and click on Apply.

tp-link SYSTEM **L2 FEATURES** L3 FEATURES QoS SECURITY MAINTENANCE Save Log Out

Switching ☒ Port ☐ DDM ☐ LAG ☐ MAC Address

VLAN > Multicast >

Port Config Port Isolation Loopback Detection

Port Config

Jumbo: bytes (1518-9216)

UNIT1 LAGS

Apply

6. Within the L2 Features tab, select Multicast from the menu bar on the left, then MLD Snooping from the dropdown menu. Under Global Config, click to Enable MLD Snooping, then select Apply.

tp-link SYSTEM **L2 FEATURES** L3 FEATURES QoS SECURITY MAINTENANCE Save Log Out

Switching > VLAN > Multicast ☒ IGMP Snooping ☒ MLD Snooping ☐ MVR

Global Config Port Config Static Group Config

Global Config

MLD Snooping: ☒ Enable

Unknown Multicast Groups: ☐ Forward ☒ Discard

Apply

7. Next, while still in the L2 Features tab and under the Multicast dropdown menu, select IGMP Snooping. Under the Global Config tab, click to Enable IGMP Snooping, select V2, and select to Discard Unknown Multicast Groups. Click Apply once finished

tp-link SYSTEM **L2 FEATURES** L3 FEATURES QoS SECURITY MAINTENANCE Save Log Out

Switching > VLAN > Multicast ☒ IGMP Snooping ☐ MLD Snooping ☐ MVR ☐ Multicast Filtering ☐ Multicast Info

Global Config Port Config Static Group Config IGMP Authentication

Global Config

IGMP Snooping: ☒ Enable



IGMP Version: ☐ v1 ☒ v2 ☐ v3

Unknown Multicast Groups: ☐ Forward ☒ Discard

Header Validation: ☒ Enable

Apply

8. Under the IGMP VLAN Config menu, select the edit icon on the right hand side of the menu to edit the settings.

VLAN ID	IGMP Snooping Status	Fast Leave	Report Suppression	IGMP Snooping Querier	Dynamic Router Ports	Static Router Ports	Forbidden Router Ports	Operation
1	Enabled	Enabled	Enabled	Enabled				 
Total: 1								

9. Select to enable the following settings, and make sure the General Query Source IP matches the IP address of the switch setup in Step 4. Click Save once you are finished.

Configure IGMP Snooping for VLAN

VLAN ID: 1

IGMP Snooping Status: ☒ Enable

Fast Leave: ☒ Enable

Report Suppression: ☒ Enable

Member Port Aging Time: 260 seconds (60-600)

Router Port Aging Time: 300 seconds (60-600)

Leave Time: 1 seconds (1-30)

IGMP Snooping Querier: ☒ Enable

Query Interval: 60 seconds (10-300)

Maximum Response Time: 10 seconds (1-25)

Last Member Query Interval: 1 seconds (1-5)

Last Member Query Count: 2 (1-5)

General Query Source IP: 192.168.0.1 (Optional. Format: 192.168.0.1)

Static Router Ports

UNIT1 LAGS

Cancel Save

10. Within the IGMP Snooping menu, select the Port Config tab. Click on the checkbox to select all ports, then click under the Fast Leave heading and select Enable. Click on Apply once finished

Switching >

VLAN >

Multicast >

• IGMP Snooping

• MLD Snooping

• MVR

• Multicast Filtering

• Multicast Info

Spanning Tree >

LLDP >

L2PT

PPPoE

Global Config Port Config Static Group Config IGMP Authentication

Port Config

UNIT1 LAGS

☒

Port	IGMP Snooping	Fast Leave	LAG
<input checked="" type="checkbox"/> 1/0/1	Enabled	Enable	---
<input checked="" type="checkbox"/> 1/0/2	Enabled	Enable	---
<input checked="" type="checkbox"/> 1/0/3	Enabled	Enable	---
<input checked="" type="checkbox"/> 1/0/4	Enabled	Enabled	---
<input checked="" type="checkbox"/> 1/0/5	Enabled	Enabled	---
<input checked="" type="checkbox"/> 1/0/6	Enabled	Enabled	---
<input checked="" type="checkbox"/> 1/0/7	Enabled	Enabled	---
<input checked="" type="checkbox"/> 1/0/8	Enabled	Enabled	---
<input checked="" type="checkbox"/> 1/0/9	Enabled	Enabled	---
<input checked="" type="checkbox"/> 1/0/10	Enabled	Enabled	---

Total 52 52 entries selected. Cancel Apply

11. Once you are finished, click on Save in the upper right corner to save the settings you enabled to ensure that no settings are lost in the event of a power failure.
12. After the settings of the switch have been saved, go to the SYSTEM tab on the top of the screen, then System Tools, then select System Reboot to reboot the switch. Once the switch has been rebooted, EVO-IP is ready to be setup and used.

Please refer to TP-Link user manual and instructions for more information on how to access the TP-Link user

interface to change the settings above.

CONTACT

For Technical Support Call Tolle Free: 800.626.6445
506 Kingsland Dr., Batavia, IL 60510
www.vancol.com

Documents / Resources

	<p>VANCO TP Link Switch Configuration [pdf] Instructions TL-SG3428MP, TL-SG3428XMP, TL-SG3452P, TL-SG3452XP, TP Link Switch Configuration, TP Link Configuration, Switch Configuration, Configuration</p>
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