

Switch Feature Requirements and Recommendations for EVO-IP

Below is a list of switch feature requirements and recommendations for our EVO-IP HDMI over IP system. We are always working with and testing other brands of switches and will continue to update this list. If you have any switch questions or recommendations, do not hesitate to reach out and we will follow up and fill you in with any changes or test results.

Minimum Switch Requirements:

1G Dedicated Switch	IGMP Snooping
Multicast and Multilayer (2+ or better)	With or without POE based on preference
Jumbo Frames	

Single Switch Systems Recommendations:

Cisco

- SG250, SG300, SG350X, SG500, SG550X

Luxul

- AMS/XMS-1208P, AMS/XMS-2624P, AMS-4424P, XMS-5248P, XMS-7048P, SW-610-24P, SW-610-48P

Netgear

- GS728TPv2 and GS728TPPv2
- M4250 Series (GSM4212P, GSM4212PX, GSM4212UX, XSM4216F, GSM4230P, GSM4230PX, GSM4230UP, GSM4248P, GSM4248UX)

TP Link

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

Trendnet

- TL2-G244, TL2-PG284, TL2-PG484

Ubiquiti

- ES-16-150W, ES-24-250W, ES-24-500W, ES-48-500W, ES-48-750W

NOTE: When using a dedicated switch for the system, you only need to make sure IGMP Snooping and Jumbo Frames (9000 bytes) is enabled. This may need to be done for the switch or per port depending on the switch. IF the switch is not dedicated, it is recommended to create a VLAN using the ports involved in the EVO-IP system for best results.

Multiple Switch Systems Recommendations:

Maintaining bandwidth is critical, especially when it comes to 4K. When implementing multiple switches, **EVOIPTX1/EVOIPRX1** systems **REQUIRES** 10Gb uplink port(s) to ensure bandwidth and communication is maintained. It is also recommended that when using multiple switches, the same brand and model number are used.

Cisco

- SG350X, SG550X (10G SFP Uplinks needed)

Netgear

- M4250 Series (GSM4212PX, GSM4212UX, MSM4214X)