



10G Uplink 8-Port 2.5G PoE Switch

AI1009XGP



Product Introduction:

AI1009XGP is an 8 - port 2 . 5G 10 Gigabit uplink AI PoE switch that provides 8 2.5G downlink RJ45 POE ports and 1 uplink 10G SFP+port. Built in power supply, with a total POE power of 150W. 1-4 ports support IEEE 802.3bt, with a maximum PoE power supply of 90W for a single port, IEEE 802.3at for 5-8 ports, and a maximum PoE power supply of 30W for a single port. At the same time, this product supports intelligent functions such as AI VLAN, AI Extend, AI PoE, and AI QoS. It has the characteristics of simplicity, ease of use, intelligence, and high cost-effectiveness. It can be used as an access layer switch to access wireless APs, PCs, servers, and cameras, allowing users to experience the smooth flow of high-speed networks.

Main features:

Port 6KV lightning protection

- All ports support 6KV lightning protection, as well as multiple protection features such as power over temperature protection, overvoltage protection, and surge current protection.

Characteristics

- Non-blocking switching architecture, all ports support wire-speed forwarding.
- Provide 10G SFP+ uplink ports at the same time.
- Support IEEE 802.3x full dual flow control and half dual backpressure flow control.
- Support port automatic flip(Auto MDI/MDIX).

AI Smart Buttons

- AI Extend: 1-8 ports support 250 meters of long-distance power supply (it is recommended to use network cables above Category 5).
- AI VLAN: Isolating 1-8 ports from each other can effectively suppress network storms and improve network performance.
- AI QoS: prioritize the processing of identified video data to ensure smoother video transmission.
- AI PoE: Automatically detects the power receiving port, detects a dead device, and restarts the device after a power outage.

PoE Characteristics

- 1-4 port: Max 90W, 5-8 port: Max 30W.
- Support PoE short circuit protection, overcurrent protection, over temperature protection, etc.
- Support AI PoE, restart dead devices.

Ease of use

- Plug and play, no configuration required, easy to use.
- With zero-configuration features, power is automatically supplied to adaptive devices.

Product Specifications:

Network port	● 8 * 10/100/1000M/2.5G RJ45 PoE ports (port 1~port8)
	● 1 * 10G SFP+ port (port 9)
Network standard	● IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
Performance	● Bandwidth: 60Gbps (no block)
	● Frame filtering and transmission rate: 44.6Mpps
	● MAC table size: 4K
	● Forwarding type: Storage and Forwarding
LED indicator	● 1 Power Indicator
	● 9 LINK/ACT indicator
	● 8 PoE indicator
PoE pin	● 1-4 □: 1/2/4/5(+) , 3/6/7/8(-) ● 5-8 □: 1/2(+) , 3/6(-)
Power	● The maximum output power of a single port is 30W
	● The maximum power of the whole machine: 150W
Dimensions	● Size(LxWxH) 282mm*180mm*44mm
Environment	● Operating Temperature: 0~40℃
	● Operating Humidity: 10%~90%, Non-condensing
Safty	● CE/ROHS/FCC/CCC

Caution:

1. In order to safety, please non-professionals don't open the casing of product;
2. Please be careful the risk of strong current and security protection when products carry power;
3. Please select the right power adaptor provide power for PoE switch, before using please confirm if is it accord with the requirement of PoE switch;
4. Please don't use PoE switch under the humid environment, avoiding water go into the product inside caused PoE switch breakdown;
5. Please start the power after the circuit connected;
6. Please don't plug-in and plug-out the connection cable when product is carrying on power;
7. Please don't use PoE switch under somewhere with more dust and EME;
8. Please don't put heavy thing on PoE switch, in order to having an accident;
9. According to the IEEE802.3AF/AT standard, Please use the Cat.5 or above, transmission distance 250 m;
10. Please don't exceed the maximum output power of PoE switch when it connect more than one PD device;
11. Suggestion that PoE switch use for indoor, if you want to use for outdoor, Please install waterproof box.