



24-Port Gigabit Un-Managed POE Switch with 2- Gigabit SFP Uplink

Key Features:

- Ports:** Provide 24*10/100/1000Mbps PoE ports with 2*1G SFP Port
- PoE Standard:** IEEE802.3af/at Power over Ethernet (PoE) Compliant
- Total Power:** Total Power budget of 250W and 30W for all single ports.
- Self-adaption:** RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX
- Extend Mode:** Extend POE up to 250m on one single Cable
- Wide Application:** Designed for Wi-Fi AP, IP Security camera, VoIP etc.
- Surge protection:** Protect the device from lightning surges and others electrical hazards
- Considerate Design:** Rack mount installation with fanless design
- Easy to Use :** Plug and Play, No Configuration required



Versatile POE Port

Featuring 24*10/100/1000Mbps PoE ports which support IEEE802.3af/at standard and 2*Gigabit SFP Uplink ports. AlphaMAX PoE switch provides maximum power budget of 250W and 30W for single PoE ports respectively, allowing users to have several different Networking products configured.



Flexible Extend Mode

With the extend mode, the PoE Switch Series can offer more flexible choices for long range transmission, extending the distance up to 250m, which is greatly helpful to bring better user experience.



Surge Protection Design

Reaching 6KV surge protection, the PoE ports own the capacity to keep the PoE Switch from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments.



2 Gigabit SFP uplink Port

With 2 SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring, Beside the SFP can transmit the data with Max 100Km distance with more economic solution

Technical Specification

Model	AM-SUG-1242GF-P
Hardware Specifications	
Ports	24*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2*1000BASE-X SFP
PoE Port	24*10/100/1000Mbps POE PSE port
LED Display	Power Indicator: PWR (green). Network Indicator: Link (yellow) PoE Working Indicator: PoE (green)
Thermal Fan	Fanless Design
Switch Architecture	Store and forward
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex
Switch Performance	Backplane bandwidth – 52 Gbps
	Packet forwarding rate – 38.69Mpps
	MAC address - 16k
Power requirement	AC100-240V 50/60Hz
ESD Protection	6KV ESD
Dimension(WxDxH)	440mm x 290mm x 44.5mm
Weight	3.35 kg
POE Specifications	
Network standard	IEEE802.3i 10 BASE-T
	IEEE802.3u 100 BASE-TX, IEEE802.3ab 1000BASE-T
	IEEE802.3x Flow Control
	IEEE802.3az EEE
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE
PoE Supply Type	1/2(+), 3/6(-) End-span
PoE Power Output	Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)
PoE Power budget	250W
Environment specification	
Safety	FCC Part15 Class A, CE, RoHs
Environment specification	Operating temperature: 0°C~45°C, operating humidity: 5%~95% Storage temperature: -10°C~65°C, storage humidity: 5%~95%

Ordering Information	
AM-SUG-1242GF-P	24 Ports 10/100/1000Mbps Un-Managed PoE switch with 2 Gigabit SFP Uplink Port