



# 8-Port Gigabit Un-Managed POE Switch with 1-Gigabit RJ-45 & 1-SFP Uplink

## Key Features:

**Ports:** Provide 8\*10/100/1000Mbps PoE ports with 1\*1000Mbps RJ-45 & 1\*1G SFP Port

**PoE Standard:** IEEE802.3af/at Power over Ethernet (PoE) Compliant

**Total Power:** Total Power budget of 96W 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:** Exquisite compact size with fanless design

**Easy to Use :** Plug and Play, No Configuration required



AM-SUG-1091GF-P

## Versatile POE Port

Featuring 8\*10/100/1000Mbps PoE ports which support IEEE802.3af/at standard and 1\*1000 Mbps RJ-45 & 1 Gigabit SFP Uplink ports. AlphaMAX PoE switch provides maximum power budget of 96W 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.



## Technical Specification

<b>Model</b>	<b>AM-SUG-1091GF-P</b>
<b>Hardware Specifications</b>	
Ports	8*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 1*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 1*1000BASE-X SFP
PoE Port	8*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 – 20 Gbps
	Packet forwarding rate – 14.88Mpps
	MAC address - 4k
Power requirement	AC100-240V 50/60Hz
ESD Protection	6KV ESD
Dimension(WxDxH)	202mm x 140mm x 44.5mm
Weight	1.3 kg
<b>POE Specifications</b>	
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	96W
<b>Environment specification</b>	
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%

<b>Ordering Information</b>	
<b>AM-SUG-1091GF-P</b>	8 Ports 10/100/1000Mbps Un-Managed PoE switch with 1 Gigabit RJ45 & 1 Gigabit SFP Uplink Port