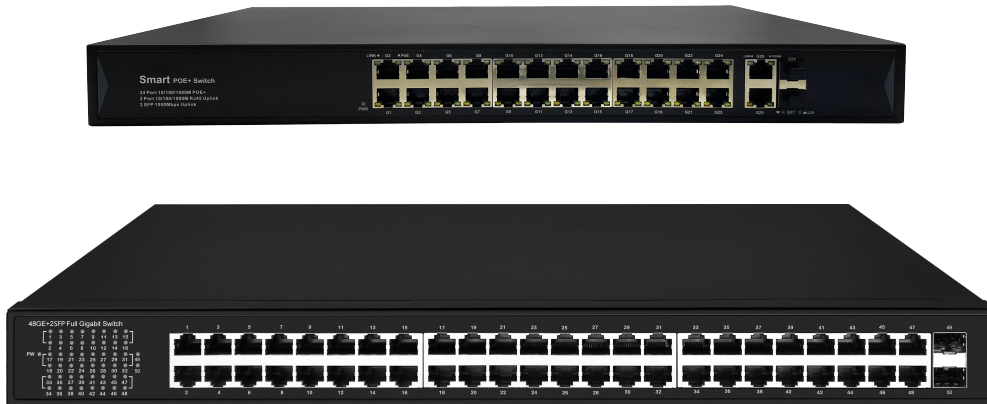


Unmanagement Giga Ethernet POE Switch

ALS-FxGxxNP



◆ Overview

The ALS-FxGxxNP series is an unmanaged PoE switch. it has X*10/100/1000M PoE ports and 2*1000M uplink SFP ports. Port 1-X can support IEEE802.3af/at standard PoE power supply, single port PoE power up to 30W, and the maximum POE output power is 600W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP phone, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy efficient network. Unmanaged model, plug and play, no configuration, easy to use.

ALS-FxGxxNP has versions with 8/16/24/48 copper ports and 2 1G optical ports, supporting all basic user needs.

◆ Product Features

- Supports the combination of RJ45 port and Gigabit SFP port, facilitating flexible network connection and meeting network connection requirements in various scenarios.
- Supports non-blocking wire-speed forwarding.
- Supports full-duplex mode based on IEEE802.3x and half-duplex mode based on back pressure, MDI/MDI-X self-adaption.
- Support network standard IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x.
- Forwarding Mode: Store and Forward (Full Wire Speed)
- MAC table: 8K, Buffer Memory: 4M, Jumbo Frame: 10K
- IEEE 802.3af/at PoE standard, does not damage non-PoE devices. Defaul power pin: 1/2 (+), 3/6 (-)
- PoE port priority system, will supply power to the high-priority port first when the power is insufficient and avoid overloading the device.
- CCC, CE, FCC, RoHS.
- Low power consumption, galvanized steel shell, active cooling fan.
- Self-developed power supply, high redundancy design, providing stable and long-term PoE power supply.
- User-friendly control panel, can display device status through PWR, Link, PoE LED indicators.
- Lightning Protection level 6KV 8/20us, IP30.

◆ Specifications

Model	User ports 1G RJ-45	1G SFP Uplink	Power Supply
ALS-F2G08NP	8	2	120W AC: 100~240V
ALS-F2G16NP	16	2	250W AC: 100~240V
ALS-F2G24NP	24	2	300W AC: 100~240V
ALS-F2G48NP	48	2	600W AC: 100~240V

Gigabit product	ALS-F1G08NP	ALS-F2G16NP	ALS-F2G24NP	ALS-F2G48NP
Gigabit RJ45 Port	8	16	24	48
SFP 1G Uplink	2	2	2	2
Bandwidth (Gbps)	20	52	52	128
Packet Forwarding (Mpps)	14.88	26.78	38.69	74.4
Dimensions (W × D × H) mm	192*130*40	270*181*44.5	330*204*44	440*290*45
Weight (Kg)	0.9	1.7	3	4.4
Operating temperature	-10~+55°C	-10~+55°C	-10~+55°C	-10~+55°C
Storage temperature	-40~+75°C	-40~+75°C	-40~+75°C	-40~+75°C
Humidity (Storage) non-condensing	5% to 95%	5% to 95%	5% to 95%	5% to 95%

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

◆ Order Information

Model NO.	Description
ALS-F2G08NP	Unmanaged PoE fiber switch, 8*10/100/1000M RJ45 ports + 2* 1000M uplink SFP fiber slot ports, built-in 120W power supply, support IEEE802.3af/at PoE standard. Support 1U/19inch rack installation.
ALS-F2G16NP	Unmanaged PoE switch, 16* 10/100/1000M PoE ports + 2*1000M uplink SFP ports. built-in 300W power supply, support IEEE802.3af/at PoE Standard, support 19-inch cabinet installation.
ALS-F2G24NP	Unmanaged PoE switch, 24*10/100/1000M PoE ports + 2*1000M uplink SFP ports. built-in 300W power supply, support IEEE802.3af/at PoE Standard, support 19-inch cabinet installation.
ALS-F2G48NP	Unmanaged PoE switch, 48*10/100/1000M PoE ports + 2*1000M uplink SFP ports. built-in 600W power supply, support IEEE802.3af/at PoE Standard, support 19-inch cabinet installation.