

Non-Standard PoE Switch

(SF420NP-E)

Product Description

This device is a 100M PoE switch with non-standard POE power supply protocol. It provides 4 100M POE downlink ports and 2 100M uplink ports. The POE port supports 12/24V voltage output modes.

The network port supports adaptive and automatic flipping of cross/parallel twisted pair cables (Auto MDI/MDIX), and each port can provide a maximum bidirectional transmission rate of 200 Mbps; it is suitable for devices with 45+/78- power supply mode; if the connected device does not support this power supply mode, the connected device may be damaged; it supports 45+/78- PoE splitters to separate the power and data signals transmitted by the network cable to achieve Ethernet power supply. It is simple and convenient to install and maintain, and is an ideal choice for building small and medium-sized enterprise networks.



Product Features

- 4 10/100Base-TX PoE ethernet ports, 2 10/100Base-T uplink ethernet ports;
- 4 RJ45 ports supporting PoE power supply, with a maximum output current of 0.75A per port;
- The PoE power supply port adopts 45+/78-power supply mode, suitable for 45+/78-power supply mode devices;
- PoE power supply voltage can be customized on demand, supporting 12V and 24V voltage output;
- Support 2K address table;
- All ethernet ports support 10/100Mbps rate adaptation;
- All ethernet ports support half/full-duplex adaptation and automatic MDI/MDI-X function;
- All ethernet ports support line-speed forwarding;
- Support desktop and wall-mounted installation;
- Plug and play, simple operation, no configuration required;
- Adopt metal shell and external power supply design, excellent heat dissipation, to ensure long-term stable operation of the product.

Product Parameters

Standards & Protocol	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE 802.3x flow control
Interface information	Downlink Ethernet port: 4 10/100M Base-TX ports (supports POE, POE+)
	Uplink Ethernet port: 2 10/100M Base-TX ports (uplink port)
	RJ45 network port: 6 10/100M Base-TX ethernet ports
	10/100Mbps adaptive
	10Base-T: ≤100m (CAT3,4,5 UTP)
	100Base-TX: ≤100m (CAT3,4,5 UTP)
Mechanical properties	Shell material: metal shell
	Appearance dimensions (length*depth*height): 132×67×32mm
	Installation method: Desktop
	Heat dissipation method: natural cooling, no fan
	Weight: <0.30KG
Environmental properties	Working temperature: -20℃~+60℃
	Storage temperature: -20℃~+85℃
	Relative humidity: 5% ~ 95% (non-condensing)
Exchange properties	Bandwidth:1.2Gbps
	Packet forwarding rate (whole machine) : 0.89 Mpps
	Exchange method: store-and-forward
	MAC table : 2K
	Case space : 768kb
	Jumbo frame: 2K
Power supply	Input voltage: DC 12V-24V
	Power consumption: < 2W
PoE	Non-standard PoE (Pin: 4/5+, 7/8-)
Indicator	Ethernet Port indicator(fluctuation switch control): ➤ PoE: Yellow; ➤ 10/100M Link/ACT: Green
	Power(Power system indicator light): Red

Product Size

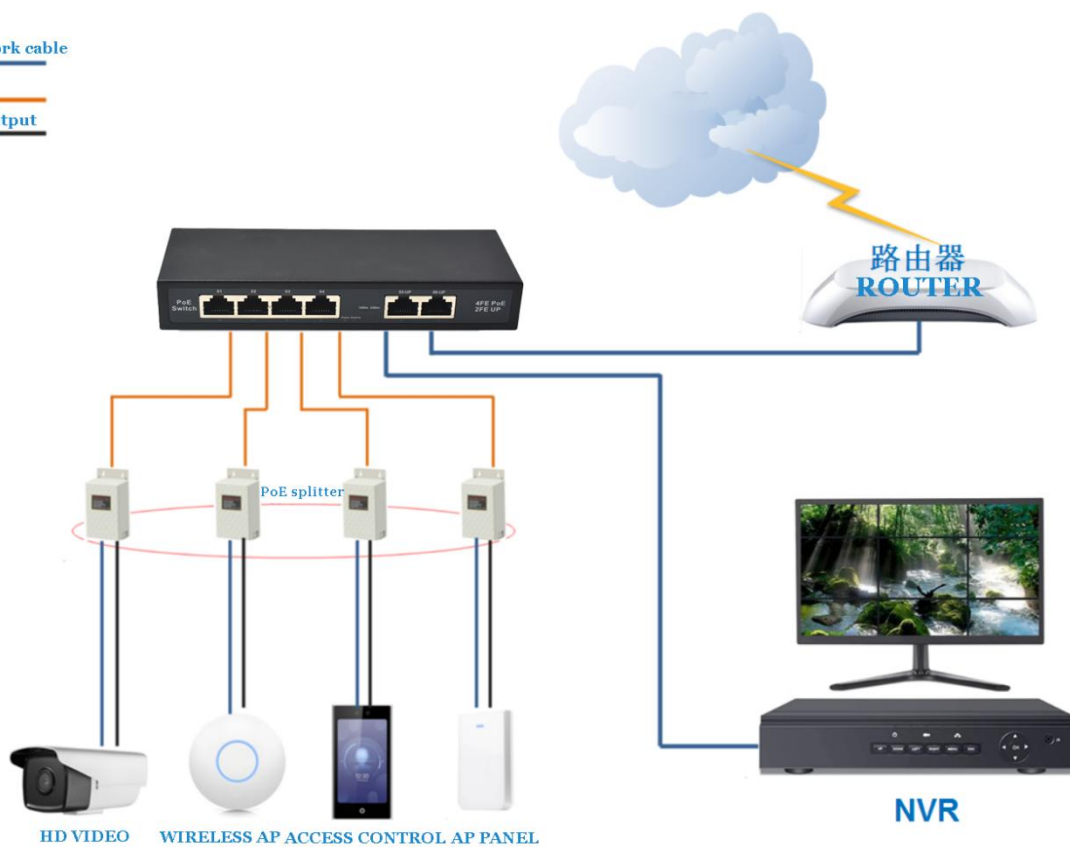


Application

Network cable

PoE

DC output



(Note: This POE switch ethernet ports pin is 45+, 78- . please do not connect to non-compliant power supply equipment.)