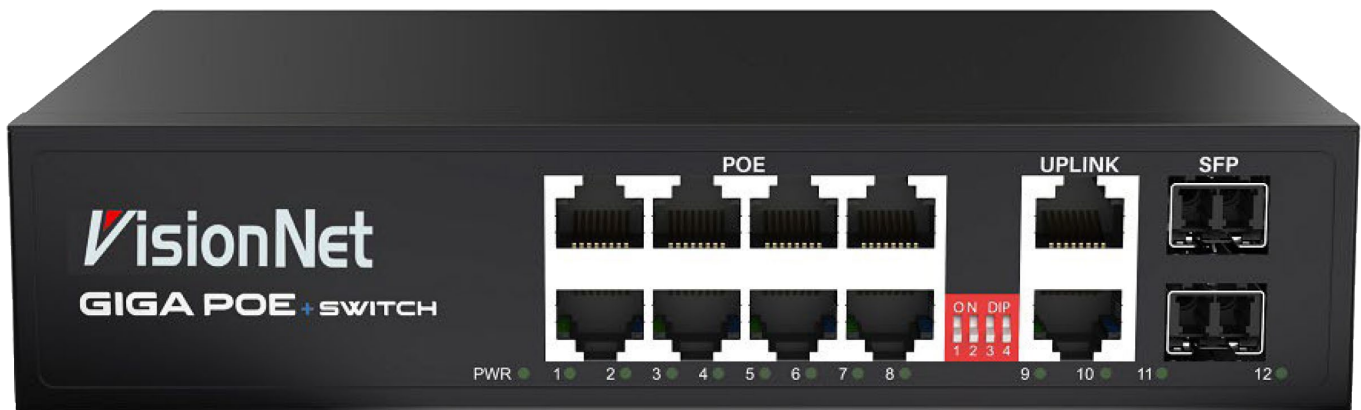


8 Ports 10/100/1000M POE Switch & 2-Port Gigabit & 2 SFP Uplink 120W power supply



Gigabit Unmanaged AI POE Switch 8x10/100/1000Base-TX POE Switch + 2x RJ45 + 2x SFP Uplink

Brief Introduction

The Gigabit AI POE switch is with 8-Port 10/100/1000Mbps PoE and 2-Port Gigabit RJ45 ports and 2-Port Gigabit SFP ports. The POE switch can carry power to IP camera, wireless AP, wireless bridge, IP phone ... POE devices. The POE switch is with 4 working mode, in AI VLAN mode, 1-8 ports are isolated from each other, which can effectively restrain network storms and improve network performance. In AI Extend mode, the effective transmission distance of 1-8 ports can reach 250 meters, which is suitable for remote monitoring and power supply. In the AI power supply mode, the switch automatically detects the working status of the PD devices and finds that the devices abnormal automatically restarts the devices. In AI Jumbo Frame mode: the data package transmission is up to 9K byte to make the video signal smoother. The POE switch support IEEE802.3af/at auto identification power device, so you don't need to worry that it will damage the standard PoE or non-PoE device.

Features

- 8x10/100/1000Base-TX RJ45 POE ports, 2x 10/100/1000Base-TX ports and 2x 1000Base-SFP Uplink ports
- Support Auto-MDIX, and full/half duplex self-negotiation mode
- 4K MAC address table
- Support IEEE802.3az energy efficient Ethernet technology
- Electric 2KV surge protection, easy to use in outdoor environment
- Complete status indicator, working state at a glance
- Power input polarity protection design, no worry about wrong operation
- Metal case, no fan design

Specification

Physical Port

RJ45 port and speed	8x10/100B/1000ase-TX POE + 2x10/100B/1000ase-TX Uplink
Fiber port and speed	2x10/100/1000Base-TX Uplink

Parameters

Ethernet standards	IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.3az, IEEE802.3Qad, IEEE802.3ah, IEEE802.1X, IEEE802.1Q, IEEE1588, IEEE 802.3AF, IEEE 802.3AT
Packet buffer	2Mbits
MAC address table	4K
Transmission mode	Store and Forward(full/half duplex mode)
Exchange property	Delay time: < 7μs Backplane bandwidth: 12Gbps Packet forwarding rate: 148810 (64Byte)

LED Indicator

Power	Connect-always
RJ45	Link/Act: connect-always; data exchange-twinkle Speed light: 100Mbps-always; 10Mbps-twinkle
Fiber	Link/Act: connect-always; data exchange-twinkle

POE

PoE standard	8x IEEE 802.3af /IEEE 802.3at PoE
Power budget	Max. PoE output power budget 30W
PoE Power Consump.	Total 120W

Power Information

Redundant power input	AC 100-240V
Overload protection	Yes
Power reverse	Support
Power consumption	Full-load<15W without POE working

Physical Property

Enclosure	Metal
Cooling mode	Natural cooling, no fan design
Dimensions	200mm x 140mm x 44mm (L x W x H)
Installation mode	Desktop / wall-mountable
Weight	1.20kg

Working Environment

Operating Temperature	0°C~50°C
Operating Humidity	5%~90% non-condensing
Storage Temperature	-10°C~70°C

Certification Standard

EMI	FCC Part15 Subpart B Class A, EN 55022 Class A
EMS	EN61000-4-2(ESD), EN61000-4-3(RS), EN61000-4-4(EFT), EN61000-4-5(Surge), EN61000-4-6(CS), EN61000-4-8, EN61000-4-11
Collision	IEC60068-2-27
Drop	IEC60068-2-32
Vibration	IEC60068-2-6
Safety grade	EN60950-1

4 AI DIP working mode

DIP 1	ON	1-8 ports supports 250 meters long distance power supply at 10M data speed, 9-10 ports Auto-negotiation
	OFF	1-10 ports Auto-negotiation
DIP 2	ON	Under VLAN mode, the 1-8 ports are isolated from each other and upload and download data through the uplink port(9-10), inhibit broadcasting storms, virus attack and other kinds of malfunctions.
	OFF	VLAN Disable
DIP 3	ON	SFP 2.5G
	OFF	SFP 1.25G
DIP 4	ON	automatically detection of power of port, it'll power off and restart the devices if it find PD device
	OFF	automatically detection of power of port, it'll NOT power off or restart the devices if it find PD device