

Product Introduction

10/100Mbps or 10/100/1000M industrial Power over Ethernet Switch (POE Switch) , using industrial high-quality high-rate network IC and the most stable POE chip, adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input (DC48-55V), -40 to 75°C working temperature.POE port support 802.3af or 802.3at standard. This series POE switches provide seamless connectivity to 10 / 100M or 10/100 / 1000M Ethernet, and POE power port can automatically detect and supply power with all IEEE 802.3af compliant Powered Devices (PDs). Non-POE powered device is not mandatory powered, only transmit data.

POE technology is Power over Ethernet technology, which refers to simultaneously transmit data signal and provide DC power technology for some IP-based terminals. (such as IP telephones, wireless access to AP, network cameras, etc.) These receives a DC-powered device called a powered device.

This series POE switches, using POE port +1 port Uplink non-POE function Ethernet/1-4 Fiber Port configuration. The uplink port docking the network equipment which could provide network data. The uplink Ethernet or Fiber Port could chosen by the actual distance and device you used. This series POE products include: 4/8/16/24 Port POE Switch.., non-Managed&managed.

Package List

1/2/4/8/16/24 Port POE Switch: 1 set
User manual, Warranty card, Certification each 1 copy

Unmanaged Features

- Support1-8 10/100/1000Base-TX POE port and 1 100/1000 Base-FX Fiber port
- Support IEEE802.3/IEEE802.3i/IEEE802.3u/IEEE802.3ab /IEEE802.3z,-store and forward
- Compatible with both IEEE802.3at(30W) and IEEE802.3af(15.4W)
- Ethernet port support 10/100 or 10/100/1000M self-adaption and PoE function
- IP40 protect grade, high strength iron shell, DIN35 Rail installation
- Industrial grade 4 design, -40 to 85°C working temperature.

Managed Features

- Support 4 -24 10/100/1000Base-TX POE port and 2/4 Gigabit SFP slot and 1 console port
- Suport:IEEE802.3,IEEE802.3u,IEEE802.3x,IEEE802.3z/ab,IEEE802.1Q, IEEE802.1p, IEEE802.1D/W IEEE802.3af/at, store and forward
- L2+ features provide better manageability, security, QoS, and performance.
- Support L2+ Switching features including 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, LLDP, POE+ management, IP Source Guard, ARP inspection, ACLs etc
- Support spanning tree STP(802.1D) and RSTP(802.1W). 802.1s (MSTP) way exchange time<50ms
- Jumbo frames support up to 9.6kb
- Support enhanced management through WEB, CLI, TELNET, SSH, SNMP
- Compatible with both IEEE802.3at(30W) and IEEE802.3af(15.4W)
- Ethernet port support 10/100/1000M self-adaption and PoE function
- IP40 protect grade, high strength iron shell, DIN35 Rail installation

Specification

Network Protocol	IEEE802.3,IEEE802.3u,IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.1d, IEEE802.1w
PoE Specification	PoE Standard:IEEE802.3af /IEEE802.3at/ IEEE802.3bt
	Single PoE Port Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at) Max. 90 watts (IEEE 802.3bt)
	PoE port auto detect AF/AT devices PoE Port Output Voltage: DC48V Power Pin Assignment:1/2+,3/6-; 4/5-,7/8+(BT)
Transmission Medium	10BASE-T: Cat5e or above UTP(≤100metre) 100BASE-TX: Cat5e or above UTP(≤100metre) 1000BASE-TX: Cat5e or above UTP(≤100metre)
Fiber Media	Multi-mode: 1310nm, 2KM Single-mode: 1310nm, 20KM; 1550nm, 40/60/80KM
Power Supply	Input Voltage: DC52V (48～55V) Type of input: 3 or 6 bits terminal block
Working environment	Working temperature: -40～85℃ Storage temperature: -40～85℃ Humidity:5%~95% (non-condensing)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、EN61000-4-4 (EFT) EN61000-4-5 (Surge) Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certificae	CE、FCC、RoHS
MTBF	100,000 hours

Ordering Information

Total Power		4 Port	8 Port	16 Port	24 Port
	AF Standard	65W	120W	240W	360W
	AT Standard	120W	240W	500W	500W
PoE Port	Optional Configuration				
	4 Port	4 100M PoE Port+1/2 100M Uplink Ethernet Port			
		4 100M PoE Port+1 100M Uplink Fiber Port			
		4 1000M PoE Port+2 1000M Uplink Ethernet Port			
		4 1000M PoE Port+2 1000M Uplink Fiber Port			
		4 1000M PoE Port+2 1000M Uplink Fiber Port Managed, Ring			
	8 Port	8 100M PoE Port+2 100M Uplink Ethernet Port			
		8 100M PoE Port+1 1000M Uplink Ethernet Port + 1 1000M Fiber Port			
		8 1000M PoE Port+2 1000M Uplink Ethernet Port			
		8 1000M PoE Port+2 1000M Uplink Fiber Port			
		8 1000M PoE Port+2/4 1000M Uplink Fiber Port Managed, Ring			
		8 1000M PoE Port+2 1000M Uplink Ethernet Port + 4 1000M Fiber Port Managed Ring			
	16 Port	16 1000M PoE Port +8 1000M Uplink Fiber Port Managed, Ring			
	24 Port	24 1000M PoE Port +4 1000M Uplink Fiber Port Managed, Ring			
Physical Specifications		- 4/8/16/24 Port stand-alone desktop type , DIN-Rail Mounting			

Product Warranty Card

Customer Company: _____

Contact Person: _____

Phone: _____

Product Name: _____

Product Model: _____

Product Serial: _____

Purchase Date: _____

Fault Phenomenons: _____

Certification

Product Name: _____

Product Model: _____

Manufacturing No: _____

Production Date: _____

Delivery Date: _____

Inspection Result: _____



Industrial PoE Switch

User Manual