

Product Specifications

POE42

(Standard POE: IEEE802.af/at)



The features of product

- ◆ Support power for wireless access points (AP) via Category 5 Ethernet cable and network surveillance camera(IP cameras)
- ◆ 1 ~ 4 ports support standard IEEE802.3af / at power supply(Port power supply maximum 15.4W / 30W)
- ◆ 4 10/100 Mbps + 2 10/100 Mbps adaptive RJ45 ports.
- ◆ Complies with standard of IEEE 802.3 10Base-T/IEEE 802.3u 100Base-TX
- ◆ Flow control methods: full-duplex IEEE 802.3x standard, half-duplex using the standard of Back pressure.
- ◆ Support port automatically flip (Auto MDI/MDIX)
- ◆ Support network port lightning protection(AC power port: differential mode +/- 2kV, common mode +/- 4kV)
- ◆ Maximum PoE power: 72W(Full power, all PoE ports, ports 1 ~ 4 ports)
- ◆ Using store-and-forward exchange mechanism
- ◆ All ports support wire-speed switching, line speed can be achieved within the range of 64 ~ 1536 frame length
- ◆ Standard 1U rack design to facilitate cabinet installation mode
- ◆ Zero configuration features Power is automatically supplied to the adaptive device, plug and play, without software and protocol conversion

Two ports of 100Mbps optical multiplexing

Two built-in 100Mbps ports provide fast connection to the server or 100Mbps backplane. Effective connectivity with 4 10/100 Mbps ports. This high-performance switch features a non-blocking, wire-speed architecture with 1.0Gbps switching capability for maximum file transfer. All 4 RJ45 ports automatically negotiate the highest connection speed and Auto Uplink™ technical support ensures the correct network connection.

flexible

Choose devices to plug in up to 4 Ethernet or Fast Ethernet, or hybrid access to up to 4 IP-based 802.3af Power over Ethernet (PoE) devices, optimized installation, and power management of network devices like wireless access points AP), Voice over IP (VoIP) phones and IP-based cameras. Power over Ethernet (IEEE802.3af) Fits most newly-built networks to increase equipment efficiency and reduce installation time and expense. Deploy your AP AP and IP camera with ease, eliminating the need for power sockets and giving you uninterrupted power to all your PoE devices.

convenient

Indicator lights on the front panel make it easier to see the status of the switch and to make troubleshooting easier. Non-net managed switch "plug and play" of feature

reliable

Finally, this durable switch is a 13-inch metal chassis. The included rack kit is included in the box

Applicable environment

- ◆ Millions of HD surveillance transmission and power supply
- ◆ Wireless AP layout transmission and power supply
- ◆ Urban Intelligent Traffic Monitoring System (ITS), safe city, wireless city
- ◆ Expressway monitoring system, electronic road monitoring, capture system

- ◆ Remote multimedia teaching / campus monitoring, video conferencing systems
- ◆ Building intercom, wireless communications, video surveillance

Ordering Information:

Product model:POE42

The description of product : 4 port 10 / 100M switch, which supports 1-4 ports support POE, IEEE 802.3af international standards, single-port power supply 15.4W / 30W, the total power 72W optional

Order notes: The default PoE power supply mode is end-spanning (1/2, 3/6 pair), optional intermediate spanning (4/5, 7/8 line pair) PoE power supply

Technical Parameters

The name of product	4 port POE power switch
Product model	POE42
The description of product	4-port PoE features + 2 Gigabit Ethernet ports
The description of port	4 ports(all ports support MDI / MDIX adaptation) of 10 / 100M copper RJ45
Network media	100BASE-TX: Category 5 and above unshielded twisted pair (≤ 150 meters)
Backplane bandwidth	1.0Gbps (Non-blocking)
Forwarding method	Store and forward (all ports support wire-speed forwarding)
MAC Address list	1K
Network protocol	IEEE 802.3i; IEEE 802.3u; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI
The port of PoE	1-4 port supports IEEE802.3af (15.4W / 30W) network power supply
The standard of PoE	IEEE 802.3af/at(Output power of port is 15.4W / 30W)
The type of	End-spanning method (optional intermediate bridging method)

PoE	
The port of PoE	The power of per port is 15.4W/30W(IEEE802.3af/at)
PoE Transmission core	1/2 +, 3/6-pair (optional 4/5 +, 7/8-pair)
Total power of PoE	72W
Environmental norms	Working temperature: -20° ~ 55° C , Storage temperature: -40° ~ 85° C, Working humidity: 5%~95%
Power supply	External set power cable (input AC100-240V 50 / 60Hz; output 48V)
LEDs Indicator light	Power, network, PoE work status
Package Contents	Switch, External set power cord, Wall mount kit, Installation guide, Warranty / Customer support information card