

18 Port 10/100M Ethernet PoE Switch

【Product Description】

18 Port Gigabit Ethernet PoE switch with high quality and high-speed network IC and the most stable PoE chips, provide seamless connections to 10/100/1000M Ethernet, and the PoE supply port can automatically detect and supply receiving devices meeting IEEE802.3af/at standard, non-PoE devices intelligently detect no power and only transmit data.

PoE technology (Power over Ethernet), Ethernet power supply technology, while also providing DC power supply technology for some IP-based terminals, such as IP phones, wireless access AP, network cameras, etc. DC receiving devices called powered devices.

With simple and convenient installation and maintenance means and rich business characteristics, we can help users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks of industrial parks, buildings, factories and mines, government organs, community broadband; and can be widely used in small and medium-sized enterprises, Internet cafes, hotels, schools and other Ethernet access scenarios.

【Main Feature】

- 16*10/100M PoE Ports + 2*Gigabit Uplink Ethernet Ports
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standard
- Ethernet port support 10/100M adaptive
- Flow control mode: full duplex using IEEE 802.3x standard, half duplex using Back pressure standard
- Support port auto-flip (Auto MDI/MDIX)
- Uses a store-and-forward switching mechanism
- Panel indicators monitor operating status and help with fault analysis
- Three-position one-touch intelligent dip switch, supporting VLAN, Default, Extend, three modes
- Compatible with 1U rackmount

【Application Environment】

- ◆ Urban optical fiber broadband network: Telecommunications, cable TV, network system integration, according to network operators.
- ◆ Broadband special network: Suitable for finance, government, oil, electricity, public security, education and other industries.
- ◆ Multimedia transmission: Image, voice, data comprehensive transmission, suitable for remote teaching, conference television, video telephone and other applications.
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【Specification】

I/O Interface	
Power	AC 100~240V 50/60Hz
Ethernet	16*10/100M PoE Port 2*Gigabit uplink RJ45 Port

Hardware parameters	
Bandwidth	7.2 Gbps
Packet Forwarding Rate	5.35Mpps
Packet Cache	1.5Mb
MAC Address	2K
Jumbo Frame	9216bytes
Forwarding Mode	Store and forward
Protocol Standards	
Network Standard	IEEE 802.3 IEEE 802.3u IEEE 802.3ab IEEE 802.3x
PoE Standard	IEEE802.3af (15.4 W) IEEE802.3at (30 W)
Optical Medium	10BASE-T: Cat 3、4、5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) 1000Base-TX : Cat5 or more UTP/STP(≤100 meter))
Environment Standard	
Working Environment	Working Temperature: -10~50°C Storage Temperature: -40~70°C Working Humidity : 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing
Indicator	
Indicator	PWR (POWER) , Mode (DIP) , 1-18 Green Light (Link&Data)
PWR	Lighting: Powered Un-Light: Default (General mode)
Mode	Linghting: VLAN (Port Isolation) Un-Light: Default (General mode) Flash: Extend (Extend)
1-18 Green	Lighting: Connecting Un-Light: Disconnect Flashing: Data Transmit
DIP	VLAN、Default、Extend
VLAN	Port isolation mode. In this mode, the PoE ports (1-16) of the switch cannot communicate with each other, and can only communicate with the UP-link port.
Default	OFF: Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100M adaptive;
Extend	Extend : Link extension mode, 1-16 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M
Physical Specification	
Structure Size	Product Dimensions: 268*181*44mm

	Package Dimensions: 312*262*84mm Product N.W: 1.29KG(200w)/1.44KG(300w) Product G.W: 1.77KG(200w)/1.92KG(300w)
Packing Information	Carton Dimensions: 540*435*332mm Packing Quantity: 10pcs Packing Weight: 18.7KG(200w)/20.2KG(300w)
Package List	Switch 1 pc, Power cord 1 pc, User manual 1 pc, Warranty card 1 pc, Brackets 1 pair
Ordering information	
ZX902-AF-162G-200	18 Port 10/100M PoE Switch (200W)
ZX902-AF-162G-300	18 Port 10/100M PoE Switch (300W)

【Product Picture】



【Application of topology】

