

ES1218P-POE 100M PoE Access Switch

Unmanaged Access Switch



Model: ES1218P-POE

Profile

ES1218P-POE is a 1000M unmanaged Ethernet PoE switch that provides sixteen 10/100/1000Mbps adaptive RJ45 ports, two 100/1000Mbps SFP ports and supports wire-speed forwarding of all ports. The product allows manual mode switching among the Default mode, Port Isolation mode and Extend mode. It is integrated with the storage-forwarding technology and the dynamic memory allocation, to ensure effective allocation to each port; meanwhile, it has flow control to avoid data packet dropout as far as possible when the node transfers and receives data.

The 16 ports all have PoE power supply function, support IEEE802.3at standard with downward compatibility with 802.3af. It may be used as Ethernet power supply equipment that automatically detects and identifies power receiving equipment which meets standard and supplies power through cables.

Characteristics

- Meeting IEEE 802.3i, IEEE 802.3u, IEEE802.3ab, IEEE802.3x;
- Supporting IEEE802.3af and IEEE802.3at standards; single port power dissipation up to 30W; total power dissipation output up to 240W;
- Supporting free switchover among Default mode, Port Isolation mode and Extend mode;
- Flow control mode: full duplex (IEEE 802.3x standard), half duplex (Backpressure standard);
- Supporting self MAC address learning;
- Sixteen 10/100/1000Mbps adaptive RJ45 ports, supporting Auto MDI/MDIX;

- Two 100/1000Mbps optical adaptive ports;
- Dynamic LED indicator lamp, providing simple working conditions prompt and troubleshooting
- Built-in power supply with exquisite structure, which ensure user-friendliness.

Specifications

Item		Specifications
Standard and protocol		IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3az, IEEE 802.3at, IEEE 802.3af
Port		Sixteen 10/100/1000Mbps adaptive RJ45 ports (Auto MDI/MDIX), two 100/1000Mbps SFP ports
Network media		10Base-T: cat3 UTP or above 100Base-TX: cat5 UTP 1000Base-T: cat5e UTP 1000Base-SX:62.5μm/50μm MMF(2m-550m) 1000Base-LX:62.5μm/50μm MMF (2m-550m) Or 10μm SMF (2m-5000m)
Transmission mode		Storage-forwarding
MAC address capacity		8K
Switching capacity		36Gbps
Packet forwarding rate		26.784Mpps
Packet cache		4.1Mbit
Jumbo frame		9216Bytes
PoE port (RJ45)		16 port which meet IEEE802.3at/af standard
Power supply pin		1/2(+),3/6(-)
POE output power		Max. 240W
Working mode	Default mode	All ports enable flow control and intercommunicate.
	Port Isolation mode	Ports 1-14 cannot intercommunicate and all of them can communicate with ports 15-16, SFP1-SFP2.
	Extend mode	The speed at ports 1-8 decreases to 10Mbps, the maximum transmission distance is 250m, and all ports may intercommunicate.

Order Information

Model	Description
ES1218P-POE	Sixteen 1000M electrical ports +two 1000M optical ports, PoE switch 150W