

## ES1009G-POE 100M PoE Access Switch

Unmanaged Access Switch



Model: ES1009G-POE

### Profile

ES1009G-POE is an unmanaged PoE Ethernet switch developed by our company independently; it provides eight 10/100M adaptive RJ45 ports plus a 1000M uplink Ethernet port, and each one supports Auto MDI/MDIX function and may realize wire-speed forwarding. It has a switch that allows switchover of 10M Extend mode. The eight 10/100M ports have PoE functions, support IEEE802.3at standard and are compatible with IEEE802.3af; it may be used as Ethernet power supply equipment that automatically detects and identifies power receiving equipment which meets IEEE 802.3at and IEEE802.3af standards and supplies power through cables.

### Characteristics

- Compatible with IEEE802.3i, IEEE802.3u, IEEE802.3x and IEEE802.3ab Ethernet standards;
- Supporting IEEE802.3at/af PoE standard;
- For PoE ports, single-port output power up to 30W, and total output power up to 65W;
- High performance, long service life and 8 steady 10/100 adaptive RJ45 ports and one 1000M Uplink port that all support Auto MDI/MDIX function;
- Supporting IEEE802.3x full duplex flow control and half-duplex back pressure flow control functions;
- 2K automatic learning and aging MAC address table;
- Simple and straightforward LED indication port inter linkage, data transmission and PoE on-load conditions;
- Supporting Default mode and 10M Extend mode

## Specifications

Item		Specifications
Standard and protocol		IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3at, IEEE802.3af, IEEE 802.3x
Port		Eight 10/100Mbps RJ45 ports (Auto Negotiation/Auto MDI/MDIX), one 10/100/1000Mbps Uplink port (Auto Negotiation/Auto MDI/MDIX)
Network media		10 BASE-T: cat3, cat4 and cat5 UTP (max. 100M) 100BASE-TX/1000BASE-T: cat5 and cat5e UTP and above (max. 100M)
Transmission mode		Storage – forwarding
MAC address capacity		2K
Switching capacity		3.6Gbps
Packet forwarding rate		2.68Mpps
Package cache		1Mbits
Jumbo frame		1536bytes
PoE port (RJ45)		8 PoE ports which meet IEEE802.3at/af standard
Power supply pin		1/2(+),3/6(-)
PoE output power		Max. 65W
LED indication	Per unit	Power: green
	Per port	Link/Act: green PoE: orange
Working mode	Default mode	All ports may intercommunicate.
	10M Extend mode	The speed at ports 1-8 decreases to 10Mbps, the maximum transmission distance is 250m, and all ports may intercommunicate.
Power supply		DC 53.5V, 2.24A external power supply
Power dissipation		Max. (PoE full load): (220V/50Hz)

Overall dimensions	190*100*28mm
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## Order Information

Model	Description
ES1009G-POE	Eight 100M ports, one 1000M ports, 8 PoE ports, 65W, external power supply