

10 Ports Gigabit PoE Switch

OVERVIEW

AP-ESG1910-2GE is an 10 ports Gigabit PoE switch with Gigabit up-link ports and Gigabit PoE ports. Designed with desktop metal case, easy to make the transition to Gigabit Ethernet to wireless AP, IP camera, IP phone and other gigabit IEEE 802.3af/at standard PD equipment.

All 10 ports support auto-negotiation, auto MDI/MDIX and standard IEEE 802.3af/at POE, simply plug and play. With the innovative energy-efficient technology, users can choose the PoE switch according power consumption, making it an eco-friendly solution for home/business networking.



KEY FEATURES

- Desktop metal case, easy to set up.
- 8*10/100/1000Mbps PoE Ports, 2*10/100/1000Mbps Up-Link Port.
- 8 Gigabit PoE ports, comply with IEEE802.3af/at PD equipment.
- Support PoE power up to 30W for IEEE802.3at PD equipment, up to 15W for IEEE 802.3af PD equipment.
- IEEE802.1P and 802.1X.
- Port priority: if all PoE PD equipment power consumption become overloaded, a priority will be arranged among the PoE ports, then the system will cut off the power of the lowest-priority port.
- With VLAN button, support port isolation.

APPLICATION SITUATIONS:

- Million HD surveillance transmission and power supply.
- Wireless AP distribution transmission and power supply.
- VoIP transmission, intelligent home systems.
- City intelligent traffic monitoring system (ITS), safe city, and wireless city.
- Highway surveillance system, electronic road surveillance, snapshot system.
- Large industrial factory & enterprise security surveillance system, network multifunction system.

TECHNICAL SPECIFICATIONS

HARDWARE	
Model	AP-ESG1910-2GE
CPU	RTL8367S×2+IP808AR
Standard	IEEE802.3 10BASE-T Ethernet IEEE802.3u 100BASE-TX faster Ethernet IEEE802.3ab 1000BASE-T gigabit Ethernet ANSI/IEEE 802.3 NWay Auto-Negotiation IEEE802.3 af IEEE802.3at
Ports	8 * 10/100/1000M auto Negotiation /auto MDI/MDIX PoE Ports 2 * 10/100/1000M auto Negotiation /auto MDI/MDIX up-link Port 1 * VLAN switch
Cable requirement	10BASE-T: UTP 3, 4, 5 cable (≤100 meters) 100BASE-TX: UTP 5 cable (≤100 meters) 1000BASE-TX: UTP 5 cable (≤100 meters)
IEEE802.3 af	Support/15.4W
IEEE802.3at	Support/30W
PoE	130W,AC 100 V ~ 240 V 50/60 HZ up to 30W forPoE port
Overload Protection	AP-ESG1910-2GE:130W
PoE Standard	IEEE 802.3, 802.3u, 802.3x, 802.3af,802.3at
Advanced Functions	Comply with IEEE 802.3at/af PDs Port Priority Function Support storage forwarding MAC Address Auto-Learning and Auto-Aging. IEEE802.3X Flow Control for Full-Duplex Mode and Backpressure for Half-Duplex Mode
Backplane Bandwidth	20Gbps
Backplane Bandwidth	8K
Forwarding Rate	10BASE-T:14800pps/port 100BASE-TX:148000pps/port 1000BASE-TX:1480000pps/port
LED Indicator	PWR LINK for each port
Size(L*W*H)	290mm*180mm*44.5mm
Working Environment	Working Temperature: 0°C ~40°C Storage Temperature: -40°C ~70°C Working Humidity: 10%~90% No Condensation Storage Humidity: 5%~90% No Condensation



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