10/100/1000M, 6 Ports PoE Giga Switch

PRODUCT OVERVIEW

Flexible:

Two High Speed Uplink Ports The built-in two Gigabit uplink ports provide fast connection to servers or the backplane of the gigabit speed. The effective connectivity of the four 10/100/1000Mbps ports, allows growing business networks, classrooms and workgroups to obtain benefits from the demand for superior performance and sustain network expansion. This high-performance switch features with non-blocking, wire-speed switching, and 8.8Gbps switching capacity. All RJ45 ports can auto adjust the highest connection speed for a normal working, Auto Uplink ™ technology can ensure proper network connection.

MAIN FEATURES

- Port 1 to port 4 compatible with IEEE802.3af/at standard power.

- Supply (Maximum power of each port is 15.4W).

- 4x 10/100 /1000Mbps automatic adjustment RJ45 ports.

- Meets the standards of the IEEE 802.3 /IEEE 802.3u/IEEE 802.3z and IEEE 802.3ab.

- Flow Control Type: Full duplex adopts IEEE 802.3x standard, half duplex adopts back pressure standard.

- Auto-flip ports (Auto MDI/MDIX).

- Network port has lighting-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV).

- Maximum PoE Power: 65W.

- Store-and-forward architecture, 192K forwarding memory .

- All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed.

- Wall-mounted design, easy to install and use.

- Automatic adjustment, plug and play, no need software and protocol conversion.

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.
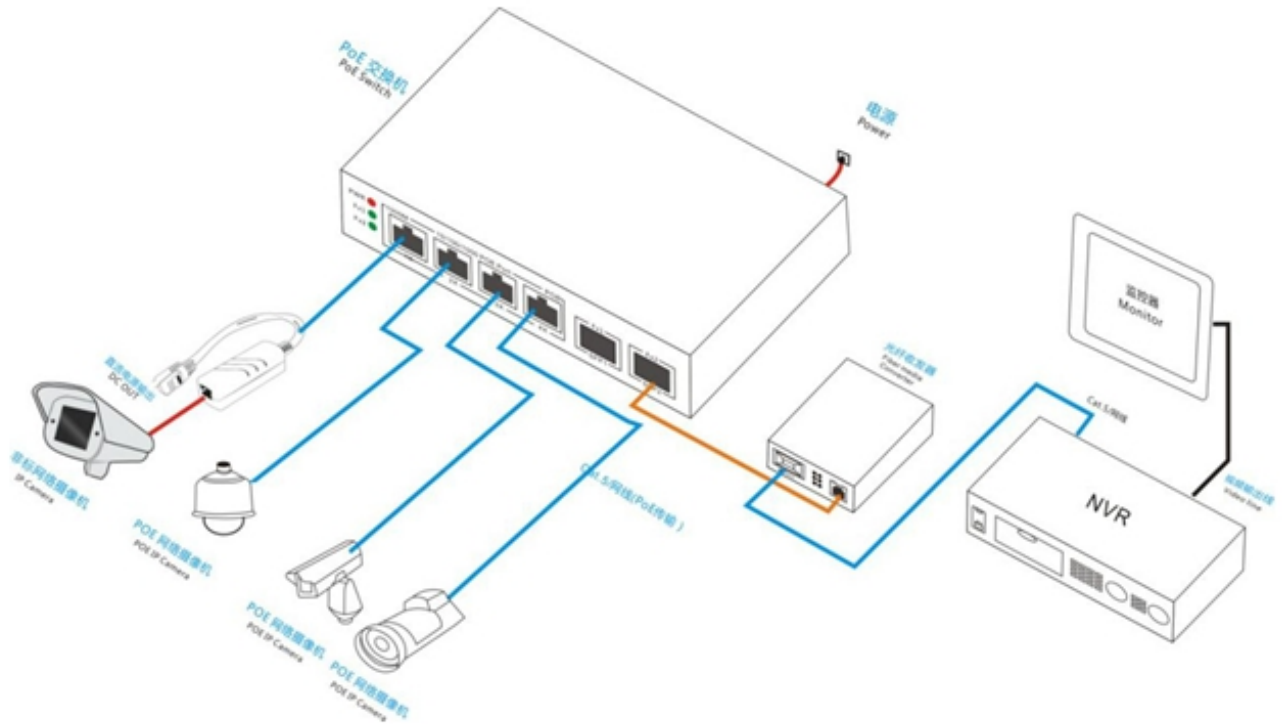
PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AP-ESG1906-2SF
Product Name	6-Ports PoE Switch with 4 PoE Ports and 2 Uplink SFP
Model	AP-ESG1906-2SF
Connector Type	4 x 10/100/1000M copper cable RJ45 ports
	(4* PoE Ports+2 Uplink SFP Port)
Network Media	10BASE-T: Cat 3,4,5 UTP (<100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter)
	1000BASE-TX : Cat 6 or more (<100 meter)
Bandwidth	10Gbps (non-blocking
Address Database Size	1K
MTBF	190,000 hours
Forwarding Mode	Store-And-Forward
Network Protocols	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control;
	IEEE 802.1af DTE Power via MDI; IEEE 802.3af
LED Display	System: power supply; Every Port: connecting, PoE working status
Power Supply	Power input: AC100-240V 50/60Hz; (every country use a custom power plug)
PoE Ports	Port 1-4 support PoE
PoE Port Power	15.4W for each PoE port
PoE Standard	IEEE 802.3af/at
PoE Feature	All ports support MDI/MDIX
Working Environment	Operating Temperature: -20 °C ~ 55 °C;
	Storage Temperature: -40 °C~ 85 °C;
	Operating Humidity: 10% ~ 95%, non-condensing
Certification	CE Mark, commercial; CE/LVD EN60950, RoHS, FCC
Radiation	CE mark, commercial; FCC Part 15 Class B; VCCI Class B; EN 55022 (CISPR 22), Class B
Transmission Distance	Depend on SFP module

ORDER INFORMATION

Product	Description
AP-ESG1906-2SF	6-Port AF PoE Switch with 4 PoE Ports and 2 Uplink SFP.
Accessories in the Package:	
Package Contents	4x 10/100/1000M copper cable RJ45 ports
	(4 PoE ports+2 Uplink SFP PORT)
	AC Adapter
	User Guide
	Warranty Card

PHYSICAL APPLICATION REFERENCE

Air Pro