

8 Port Gigabit AI PoE Switch

IP8GESp2



User Manual

Please read these instructions carefully before operating the unit and keep for further reference. All the examples and pictures used here are for reference only. The contents of this manual are subject to change without notice.

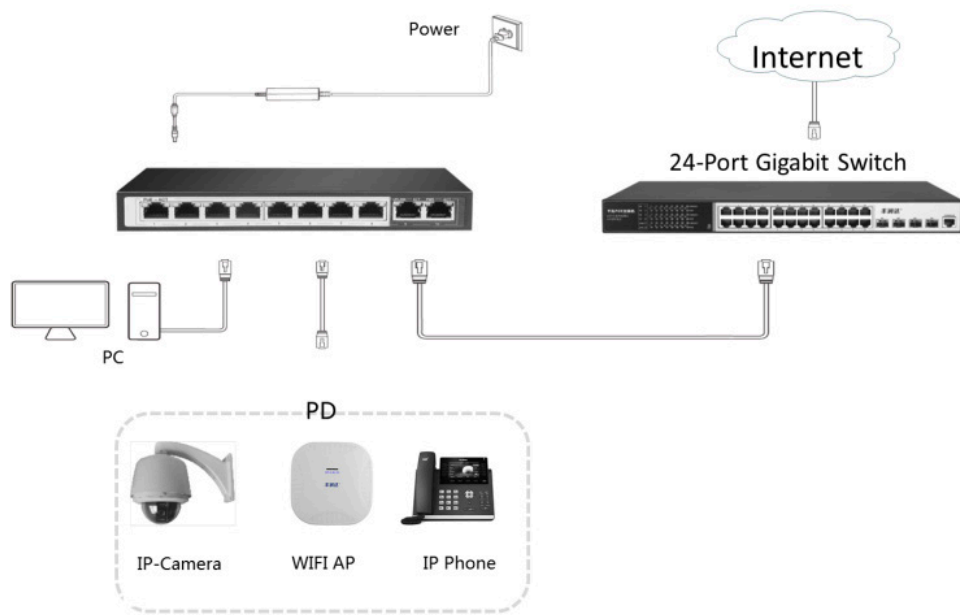
Features

- AI Extend: 1-8 port supports 250M meters long distance power supply (Cat 5 or above)
- AI VLAN: Isolating ports 1-8 from each other, restrain network storms effectively and improve network performance
- AI QoS: Prioritise the identified video data to make video transmission smoother
- AI PoE: Automatic detection power of port, power off and restart the device if find dead machine
- Plug and play, easy to use
- Supports IEEE 802.3af/at standard, automatically detects and identifies devices that comply with the IEEE 802.3af/at standard and supply power to it
- Adopt store-and-forward exchange method
- Intelligent power supply, the lowest power consumption, ensure PD power needs
- With power circuit protection, protect the safety of PD
- All ports have wire-speed forwarding capability
- No configuration characteristics of the power supply is automatically supplied to the adaptive equipment
- Support Auto MDI/MDIX
- Fanless design, energy saving and environmental protection; no noise, reduce the impact on the environment Compact size design
- Support port without link power saving function

Specifications

Network Port	8 10/100/1000Mbps PoE RJ45 port (Port 1~ Port 8) 2 10/100/1000Mbps RJ45 Port Uplink (Port 9~Port 10)
Transfer Rate	1000Mbps full Duplex
Network Protocol and Standard	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at, IEEE802.3ab
Performance	Bandwidth: 12Gbps (no block) Frame filtering and transmission rate 10M port maximum 14,800pps 100M port maximum 148,800pps 1000M port maximum 1,488,000pps
LED Indicator	Power, Resv, Link / Act
PoE Pin	1/2(+), 3/6(-)
Power	Max power for single port 30W, External power adapter 96W
Environment	Operating Temperature: 0°~40°C Operating Humidity: 10%~ 90% (Non-condensing)
Dimensions	184 × 94 × 27mm
Weight	0.8 Kg

Installation Diagram



* The diagram above is just for reference only.

Indicator Status

Indicator	Indicator Description	Normal Status	Abnormal Status
PWR Indicator	Power Indicator	Yellow light on	If the light is not on, Please check external socket power supply if it is normal/adaptor power connection if is correct or not etc.
LINK/ACT Indicator	PD device connection indication	Green light on	If the light is not on. Please check the corresponding RJ45 port if connected network devices, PoE power normal, cable connected correctly, cable damaged, network devices destroyed or not etc.

Caution

1. For safety, please don't open the casing of the product.
2. Please be careful with the risk of a strong current and security protection when the product is carrying power.
3. Please select the right power adaptor provided for the PoE switch before using and confirm if it is in accord with the requirements of the PoE switch.
4. Please don't use PoE switch in humid environments and avoid water entering the product as this can cause the PoE switch to breakdown.
5. Please start the power after the circuit is connected.
6. Please don't plug-in and plug-out the connection cable when product is carrying power.
7. Please don't use PoE switch under somewhere with dust and EME.
8. Please don't put heavy things on top of the PoE switch.
9. According to the IEEE802.3AF/AT standard, please use the Cat 5 or above transmission distance 250m
10. Please don't exceed the maximum output power of the PoE switch when it connects more than one PD device.
11. We suggest that the PoE switch is used for indoors, if you want to use for outdoors, please install water resistant box.

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