

4 Port Gigabit AI PoE Switch

IP4GESP2



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.

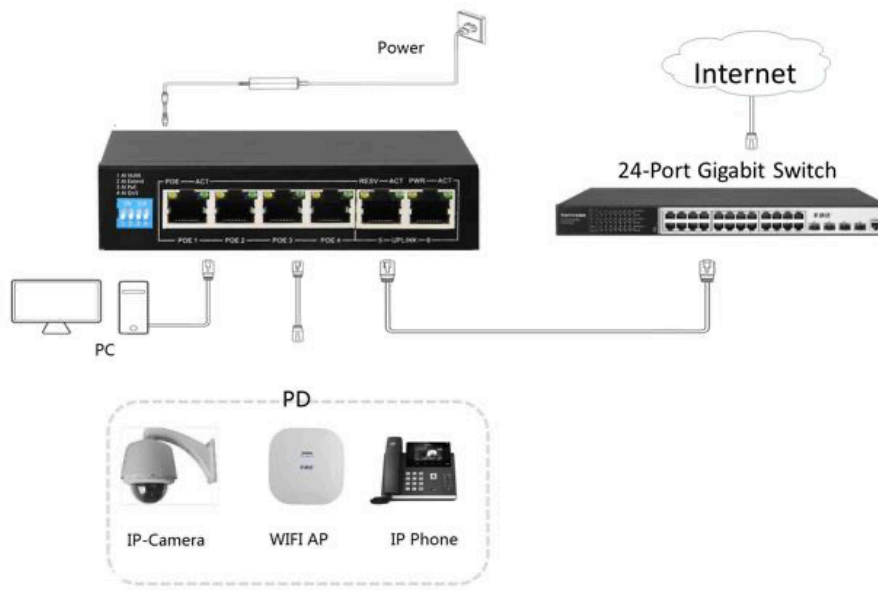
Features

- AI Extend: 1–4 ports support 250m long distance power supply (cat5e or cat6 cable)
- AI VLAN: Isolating ports 1–4 to each other can effectively suppress network storms and improve network performance
- AI QoS: Prioritise the identified video data to make video transmission smoother
- Supports IEEE802.3af/at standard PD device
- With power circuit protection, it can protect the security of the back-end equipment
- AI PoE: Automatically detect the power receiving port, find the dead device, power off and restart the device
- Supports wireless access points (APs) and network surveillance cameras via cat5 cables
- Supports uplink port auto-flip (Auto MDI/MDIX)
- Adopt store-and-forward exchange mechanism
- Intelligent power supply, lowest power consumption, ensure the power demand of the PD terminal
- Support port no link power saving function
- Zero configuration feature power is automatically supplied to the adaptive device
- No fan design to achieve energy saving and environmental protection

Specifications

Network Port	4 10/100/1000Mbps PoE RJ45 port (Port 1~ Port 4) 2 10/100/1000Mbps RJ45 Port Uplink (Port 5~Port 6)
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 60W
Environment	Operating Temperature: 0°~40°C Operating Humidity: 10%~ 90% (Non-condensing)
Dimensions	125 × 75 × 27 mm
Weight	0.5 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.

Sales +44(0)1707 330541

Enquiries sales@genieproducts.co.uk

Website www.genieproducts.co.uk

genie