



6-Port Gigabit AI PoE Switch

AI806G



Product Introduction:

AI806G is a 6-port built-in power POE switch that supports AI intelligent recognition; AI PoE automatic recognition, automatic detection of powered ports, detection of dead devices, power outage and restart of the device; The device supports the IEEE 802.3 af/at standard protocol and can automatically detect, identify, and power PD devices that comply with the IEEE 802.3 af/at standard, so there is no need to worry about damaging private standard PoE or non PoE devices; Port 4 supports IEEE802.3bt with a maximum power of 60W.

Main features:

- AI PoE automatic recognition, automatic detection of powered ports, detection of dead devices, power outage and restart of the device;
- Port 4 supports IEEE802.3bt with a maximum power of 60W;
- Support power supply through wireless access points (APs) and network surveillance cameras (surveillance cameras) using Category 5 Ethernet cables;
- PD devices that support the IEEE802.3af/at standard;
- Support automatic flipping of uplink ports (Auto MDI/MDIX);
- Adopting a storage and forwarding exchange mechanism;
- Intelligent power supply, minimum power consumption, ensuring the power demand of PD end;
- Equipped with power circuit protection function, which can protect the safety of backend equipment;
- The zero configuration characteristic power supply is automatically supplied to adaptive devices;
- No fan design, achieving energy conservation and environmental protection;
- Support port unlinked power-saving function.

Product Specifications:

Network port	● 4 * 10/100M/1000M RJ45 PoE ports (port 1~port 4)
	● 2 * 10/100/1000M RJ45 ports (port 5~port 6)
Network standard	● IEEE 802.3i, IEEE 802.3u,IEEE 802.3x,IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
Performance specification	● Backplane bandwidth: 12Gbps (non-blocking) ● Packet forwarding rate: 8.92Mpps ● MAC address table: 2K ● Forwarding mode: store and forward
LED indicator light	● Power indicator light ● LINK/ACT indicator ● PoE indicator
POE pin	● 1/2(+), 3/6(-)

Power Support	● Maximum output power of port 4: 60W ● The maximum power of the whole machine: 65 W
Dimensions	● Dimensions (LxWxH): 190mm*131mm*40mm
Environment	● Working temperature: 0°~40°C ● Storage temperature: -40°C ~ 70°C ● Working humidity: 10%~ 90% RH non-condensing ● Storage humidity: 5%~90% RH non-condensing
Safety regulation	● CE/ROHS/FCC/CCC

Caution:

1. In order to safety, please non-professionals don't open the casing of product;
2. Please be careful the risk of strong current and security protection when products carry power;
3. Please select the right power adaptor provide power for PoE switch, before using please confirm if is it accord with the requirement of PoE switch;
4. Please don't use PoE switch under the humid environment, avoiding water go into the product inside caused PoE switch breakdown;
5. Please start the power after the circuit connected;
6. Please don't plug-in and plug-out the connection cable when product is carrying on power;
7. Please don't use PoE switch under somewhere with more dust and EME;
8. Please don't put heavy thing on PoE switch, in order to having an accident.;
9. According to the IEEE802.3AF/AT standard, Please use the Cat.5 or above, transmission distance 100m;
10. Please don't exceed the maximum output power of PoE switch when it connect more than one PD device;
11. Suggestion that PoE switch use for indoor, if you want to use for outdoor, Please install waterproof box.