



6-Port 100M AI PoE Switch

AI806M



Product Introduction:

AI806M is a 6-Port 100M PoE switch with built-in power supply, which supports AI intelligent identification and intelligent identification of long-distance mode; Support AI PoE automatic identification, automatic detection of powered ports, find dead equipment, power off and restart the equipment; Port 1-3 support IEEE 802.3af/at standard protocol can automatically detect and identify PD devices that comply with the IEEE 802.3 af/at standard and supply power to them, so there is no need to worry about damaging private standard PoE or non-PoE devices; Port 4 supports IEEE802.3bt, the maximum power can reach 60W.

Main Features:

Port 6KV lightning protection

- All ports support 6KV lightning protection, support power supply over-temperature protection, over-voltage protection, surge current protection and other protection features.

Characteristics

- Non-blocking switching architecture, all ports support wire-speed forwarding.
- Provide 2 * 10/100M RJ45 uplink ports at the same time.
- Support IEEE 802.3x full dual flow control and half dual backpressure flow control.
- Support port automatic flip(Auto MDI/MDIX).

One-key AI function

- AI VLAN : Isolate ports 1-4 from each other, which can effectively suppress network storms and improve network performance.
- AI Extend: 1-4 ports support 250 meters long-distance power supply (recommended to use super five or more network cables).

AI intelligent recognition

- AI PoE automatic identification, automatic detection of powered ports, found dead equipment, power off and restart the equipment.

PoE features

- Comply with IEEE802.3af/at/bt standard, the maximum PoE power of a single port is 60W.
- Support PoE short-circuit protection, over-current protection, over-temperature protection, etc..
- Port 4 supports IEEE802.3bt, and the maximum power can reach 60W.

Ease of use

- Plug and play, no configuration required, easy to use.
- With zero-configuration features, power is automatically supplied to adaptive devices.

Product Specifications

Network Port	● 4 * 10/100M RJ45 PoE ports (port 1~port 4)
	● 2 * 10/100M 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: 1.2Gbps (non-blocking) ● Packet forwarding rate: 0.89Mpps ● MAC address table: 1K ● 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
Physical dimensions	● Dimensions (LxWxH): 190mm*131mm*40mm
Environment	● Working temperature: 0°~40℃ ● Storage temperature: -40℃ ~ 70℃ ● Working humidity: 10%~ 90% RH non-condensing ● Storage humidity: 5%~90% RH non-condensing
Safety regulation	● CE/ROHS/FCC

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 250m;
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.

Note: The picture in the instruction manual is for reference only, the specific object shall prevail