

HORED 丰润达®

**8-port 100Mbps
AI PoE switch**

AI806

Product brochure

Brief Introduction :

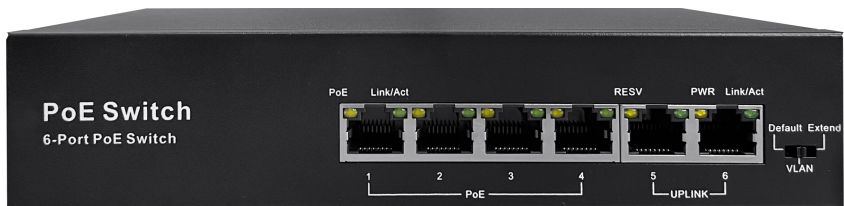
AI806 is a 6-port 100M built-in power supply POE switch, the product has 3 working modes, standard mode, VLAN mode, Extend mode.

Enable standard mode, all ports communicate freely in standard mode.

enable VLAN mode, to isolate ports 1-4 from each other, which can effectively suppress network storms and improve network performance;

enable Extend mode, the effective transmission distance of 1-4 ports can reach 250 meters, which is suitable for long-distance monitoring and power supply.

The device supports the IEEE 802.3 af/at standard protocol, and can automatically detect, identify and supply power to 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.



Main characteristics :

Port 6KV lightning protection

- The full port supports 6KV lightning protection, supports power supply over-temperature protection, over-voltage protection, inrush current protection and other protection features.

Switch feature

- Non-blocking switching architecture, all ports support wire-speed forwarding.
- Provides two 10/100M RJ45 uplink ports at the same time.
- Supports IEEE 802.3x full-duplex and half-duplex backpressure flow.
- Supports uplink port auto-rollover (Auto MDI/MDIX).

One-click mode switching

- Standard mode: All ports communicate freely, as a common unmanaged PoE switch;
- VLAN mode: 1-4 ports are isolated from each other, which can effectively suppress network storms and improve network performance;
- Extend mode: 1-4 ports support 250 meters long-distance power supply (recommended to use super five or more network cables);

PoE features

- Complies with IEEE802.3af/at/bt standards, with a maximum PoE power of 30W per port.
- Support PoE short circuit protection, overcurrent protection, over temperature protection, etc.
- Support AI PoE, restart dead devices.

Ease of use

- Plug to use, no configuration required, easy to use.
- Zero configuration feature, the power supply is automatically supplied to the adaptive device.

Product Specifications:

Network interface	<ul style="list-style-type: none">● 4x 10/100Mbps PoE-enabled RJ45 ports (ports 1 to 4)● 2 x 10/100Mbps non-PoE function RJ45 ports (ports 5 ~ 6)
Network protocol standards	<ul style="list-style-type: none">● IEEE 802.3i、 IEEE 802.3u、 IEEE 802.3x、 IEEE 802.3af、 IEEE 802.3at
Performance specifications	<ul style="list-style-type: none">● Backplane bandwidth: 1.2Gbps (non-blocking)● Packet forwarding rate: 0.89Mpps● MAC address table: 1K● Forwarding mode: Store-and-forward
LED indicator	<ul style="list-style-type: none">● Power LED● LINK/ACT indicator● PoE indicator● RESV: Reserved
PoE bits	<ul style="list-style-type: none">● 1/2(+), 3/6(-)
Power support	<ul style="list-style-type: none">● Single port maximum output power : 30W● The maximum power supply of the whole machine: 60W
Dimension	<ul style="list-style-type: none">● Size (length x width x height): 190mm*131mm*40mm
Environmental specifications	<ul style="list-style-type: none">● Working temperature: 0 °C ~ 40 °C● Storage temperature: -40 °C ~ 70 °C● Working humidity: 10% ~ 90% RH does not condense● Storage humidity: 5%~90% RH non-condensing
Safety specifications	<ul style="list-style-type: none">● CE/ROHS/FCC/CCC

Networking applications

