



6-Port Gigabit AI PoE Switch AI806G

Product brochure

Shenzhen Fengrunda Technology Co., Ltd

Product Introduction:

AI806G, a 6-Port Gigabit AI PoE switch, the product support AI PoE function, which will detect the dead PD and restart the PD automatically.

The device supports the IEEE802.3af/at standard protocol, and can automatically detect, identify and supply power to PD devices that comply with the IEEE802.3af/at standard, so there is no need to worry about damaging private standard PoE or non-PoE devices.



Key features:

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.

Swap Features

- Non-blocking switching architecture, all ports support wire-speed forwarding.
- Provides two Gigabit 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).

PoE Features

- Complies with IEEE802.3af/at standards, port 4 can support 60W.
- 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.

Network interface	<ul style="list-style-type: none"> ● 4 * 10/100/1000Mbps RJ45 ports (ports 1 ~ 4) ● 2 * 10/100/1000Mbps RJ45 ports (ports 5 ~ 6)
Network protocol standards	<ul style="list-style-type: none"> ● IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at
Performance specifications	<ul style="list-style-type: none"> ● Backplane bandwidth: 12Gbps (non-blocking) ● Packet forwarding rate: 8.9Mpps ● MAC address table: 2K ● Forwarding mode: Store-and-forward
LED indicator	<ul style="list-style-type: none"> ● Power LED ● LINK/ACT indicator ● PoE indicator ● RESV: Reserved
PoE	<ul style="list-style-type: none"> ● 1/2(+), 3/6(-)
Power support	<ul style="list-style-type: none"> ● Port 4 can support max power: 60W ● The maximum power supply of the whole machine: 65W
Dimension	<ul style="list-style-type: none"> ● Size (length x width x height): 125mm*75mm*27mm
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

