



10-Port Gigabit AI PoE Switch AI8010G

Product brochure

Shenzhen Fengrunda Technology Co., Ltd

Product Introduction:

AI8010G, a 10-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 7-8 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	• 8 * 10/100/1000Mbps RJ45 ports (ports 1 ~ 4) • 2 * 10/100/1000Mbps RJ45 ports (ports 5 ~ 6)
Network protocol standards	• IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at
Performance specifications	• Backplane bandwidth: 20Gbps (non-blocking) • Packet forwarding rate: 14.88Mpps • MAC address table: 2K • Forwarding mode: Store-and-forward
LED indicator	• Power LED • LINK/ACT indicator • PoE indicator • RESV: Reserved
PoE	• 1/2(+), 3/6(-)
Power support	• Port 7-8 can support max power: 60W • The maximum power supply of the whole machine: 96W
Dimension	• Size (length x width x height): 125mm*75mm*27mm
Environmental specifications	• 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	• CE/ROHS/FCC/CCC

Networking Applications

