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6-port 100M AI PoE switch

AI806M

Product Brochure

Shenzhen Fengrunda Technology Co., Ltd

Product Introduction :

AI806M is a 6-port 100M built-in power POE switch that supports AI intelligent recognition and long-distance mode 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.

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Main Features :

Port 6KV lightning protection

• All ports support 6KV lightning protection, as well as multiple protection features such as power over temperature protection, overvoltage protection, and surge current protection.

Switching Performance

• Non blocking switching architecture, all ports support wire speed forwarding.
• Provide two 10/100M RJ45 uplink simultaneously.
• Support IEEE 802.3x full dual and half dual backpressure flow control.
• Support port automatic flipping (Auto MDI/MDIX).

AI intelligent recognition

•Intelligent recognition of long-distance mode adaptive deceleration, capable of achieving long-distance applications of 250 meters;

• AI PoE automatic recognition, automatic detection of powered ports, detection of dead devices, power outage and restart of the device;

PoE characteristics

• Complies with the IEEE802.3af&at standard, with a maximum PoE power of 30W per port.
• Support PoE short circuit protection, overcurrent protection, over temperature protection, etc.
• 4th port supports IEEE802.3bt with a maximum power of 60W.

Ease of Use

• Plug and play, no configuration required, simple and convenient to use.
• Zero configuration feature, power is automatically supplied to adaptive devices.

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Specification :

Networking Ports	●4*RJ-45 100M Port(PoE) ●2*RJ-45 100M Port(Up-link)
Networking Standards	● IEEE 802.3i、 IEEE 802.3u、IEEE 802.3x、 IEEE 802.3af、IEEE 802.3at、IEEE 802.3bt
Performance	● Bandwith : 1.2Gbps ● Packets Forwarding Rate : 0.89Mpps ● MAC table size : 1K ● Forwarding type : Storatge and Forwarding
LED	● Power Indicator ● PoE Indicator ● LINK/ACT Indicator
PoE	● 1/2(+) , 3/6(-)
POWER	● Max poe power : 4th ports max 60W; 1-3th ports max 30W ● Maximum power of power supply : 65W
Dimension	● W*D*H : 190mm*131mm*40mm
Evironment	● Working Temperature : 0°～40℃ ● Storage Temperature : -40℃～70℃ ● Working Humidity : 10% ~ 90% RH nun-condensing ● Storage Humidity : 5% ~ 90% RH nun-condensing
Safty Compliance	● CE/ROHS/FCC

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Networking　Application：