

**HORED** 丰润达®

**10-port 100M AI PoE switch**

**AI8010M**

**Product Brochure**

Shenzhen Fengrun Technology Co., Ltd

## Product Introduction :

AI8010M is a 10 port 100M built-in power POE switch that supports AI intelligent recognition and long-distance mode recognition; Ports 1-4 support 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 7/8 supports IEEE802.3bt with a maximum power of 60W.



## **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;
- Ports 1-4 support AI PoE, automatically detect powered ports, and automatically restart the device if the device crashes.

### **PoE characteristics**

- Complies with the IEEE802.3af standard, with a maximum PoE power of 30W per port.
- Support PoE short circuit protection, overcurrent protection, over temperature protection, etc.
- 7/8th 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.

# Specification :

<b>Networking Ports</b>	<ul style="list-style-type: none"> <li>●8*RJ-45 100M Port(PoE)</li> <li>●2*RJ-45 100M Port(Up-link)</li> </ul>
<b>Networking Standards</b>	<ul style="list-style-type: none"> <li>● IEEE 802.3i、 IEEE 802.3u、 IEEE 802.3x、 IEEE 802.3af、 IEEE 802.3at、 IEEE 802.3bt</li> </ul>
<b>Performance</b>	<ul style="list-style-type: none"> <li>● Bandwith : 2.0Gbps</li> <li>● Packets Forwarding Rate : 1.49Mpps</li> <li>● MAC table size : 1K</li> <li>● Forwarding type : Storatge and Forwarding</li> </ul>
<b>LED</b>	<ul style="list-style-type: none"> <li>● Power Indicator</li> <li>● PoE Indicator</li> <li>● LINK/ACT Indicator</li> </ul>
<b>PoE</b>	<ul style="list-style-type: none"> <li>● 1/2(+), 3/6(-)</li> </ul>
<b>POWER</b>	<ul style="list-style-type: none"> <li>● Max poe power : 7/8th ports max 60W; 1-6th ports max 30W</li> <li>● Maximum power of power supply : 65W</li> </ul>
<b>Dimension</b>	<ul style="list-style-type: none"> <li>● W*D*H : 210mm*152mm*40mm</li> </ul>
<b>Environment</b>	<ul style="list-style-type: none"> <li>● Working Temperature : 0°~40°C</li> <li>● Storage Temperature : -40°C~70°C</li> <li>● Working Humidity : 10% ~ 90% RH nun-condensing</li> <li>● Storage Humidity : 5% ~ 90% RH nun-condensing</li> </ul>
<b>Safty Compliance</b>	<ul style="list-style-type: none"> <li>● CE/ROHS/FCC</li> </ul>

# Networking Application :

