

**HORED** 丰润达®

**8-port 100M AI PoE switch  
with 1000M uplink port**

**AI8082M**

**Product Brochure**

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## Product Introduction :

AI8082M is an 8-port 100M AI PoE switch with 1000M uplink port. It has built-in power, and supports AI intelligent recognition and long-distance mode recognition; Ports 1-4 support AI PoE automatic recognition, automatically detect powered ports, detect dead devices, and restart the device after power outage; 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; 7/8th port supports IEEE802.3bt with a maximum power of 60W; Gigabit uplink port for fast network access.



## 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 10/100/1000M 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 1000M 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 : 5.6Gbps</li> <li>● Packets Forwarding Rate : 4.16Mpps</li> <li>● MAC table size : 1K</li> <li>● Forwarding type : Storage 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 non-condensing</li> <li>● Storage Humidity : 5% ~ 90% RH non-condensing</li> </ul>
<b>Safety Compliance</b>	<ul style="list-style-type: none"> <li>● CE/ROHS/FCC</li> </ul>

# Networking Application :

