

# 6-Port Gigabit AI PoE Switch HAS-1106-P

**Product brochure** 

ShenzhenFengrundaTechnologyCo.,Ltd



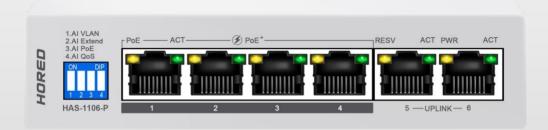
### **Brief Introduction::**

HAS-1106-P, a 6-port gigabit Al PoE switch, the product has 4 working modes, Al VLAN mode, Al Extend mode, Al PoE mode, Al QoS mode; By default, all ports communicate freely.

**Enable AI VLAN mode,** 1-4 ports are isolated from each other, which can effectively suppress network storms and improve network performance; **Enable AI Extend mode,** 1-4 ports effective transmission distance up to 250 meters, suitable for long-distance monitoring and power supply;

**Enable Al PoE mode,** the switch automatically detects the working condition of the PD device, and automatically restarts the device when it finds an abnormal device:

**Enable AI QoS mode**, video data is prioritized in case of device congestion, making video smoother. Ports 1-4 support IEEE 802.3 af/at/bt standard power supply, can automatically detect, identify and power PD devices that meet the 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 10/100M 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).

#### Al smart buttons

- Al Extend: 1-4 ports support 250 meters of long-distance power supply (it is recommended to use super five categories to connect the Internet line);
- Al VLAN: Isolate 1-4 ports from each other, which can effectively suppress network storms and improve network performance;
- Al QoS: Prioritize the processing of identified video data to make video transmission smoother:
- AI PoE: Automatically detects the powered port, finds the dead device, and restarts the device without power;

#### PoE features

- Complies with IEEE802.3af/at/bt standards, with a maximum PoE power of 90W per port.
- 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.



# **Product Specifications:**

Network interface	<ul> <li>4 x 10/100Mbps PoE-enabled RJ45 ports (ports 1 to 4)</li> <li>2 x 10/100Mbps non-PoE function RJ45 ports (ports 5 ~ 6)</li> </ul>
Network protocol standards	● IEEE 802.3i、 IEEE 802.3u、 IEEE 802.3x、 IEEE 802.3ab、 IEEE 802.3af、 IEEE 802.3at
Performance specifications	<ul> <li>Backplane bandwidth: 12Gbps (non-blocking)</li> <li>Packet forwarding rate: 8.9Mpps</li> <li>MAC address table: 2K</li> <li>Forwarding mode: Store-and-forward</li> </ul>
LED indicator	<ul> <li>Power LED</li> <li>LINK/ACT indicator</li> <li>PoE indicator</li> <li>RESV: Reserved</li> </ul>
PoE bits	• 1/2(+), 3/6(-)
Power support	<ul><li>Single port maximum output power: 30W</li><li>The maximum power supply of the whole machine: 60W</li></ul>
Dimension	• Size (length x width x height): 125mm*75mm*27mm
Environment al specifications	<ul> <li>Working temperature: 0 °C ~ 40 °C</li> <li>Storage temperature: -40 °C ~ 70 °C</li> <li>Working humidity: 10% ~ 90% RH does not condense</li> <li>Storage humidity: 5%~90% RH non-condensing</li> </ul>
Safety specifications	• CE/ROHS/FCC/CCC



## **Networking applications**

