HORED丰润达®

24 ports 10/100Mbps AI PoE switch AI1024

Product brochure

Product introduction :

AI1024 is an unmanaged PoE switch specially designed for security transmission and WIFI coverage. It can meet the PoE power supply requirements of various types of devices such as WIFI AP, IP-camera, WIFI bridge, and IP phone. It has 24 10/100Mbps PoE ports and 2 gigabit combo ports (2 gigabit Ethernet ports + 2 gigabit optical ports), which are suitable for network access and edge aggregation. The product has 4 working modes, AI VLAN mode, AI Extend mode, AI PoE mode, AI QoS mode; By default, all ports communicate freely, In AI VLAN mode, 1 -24 ports are isolated from each other, which can effectively restrain network storms and improve network performance; In AI Extend mode, the effective transmission distance of 1-8 ports can reach 250 meters, which is suitable for long-distance monitoring and power supply; In AI PoE mode, the switch automatically detects the working status of the PD device and finds that the device abnormal automatically restarts the device; In AI QoS mode, the video data will be in priority when the device is congested to make the video smoother. It is the best choice for PoE networking in hotels, campuses, factory dormitories and small and medium-sized enterprises.

Main features :

Port 6KV lightning protection

• All ports support 6KV lightning protection, support power supply over-temperature protection, over-voltage protection, surge current protection and other protection features.

Exchange features

• Non-blocking switching architecture, all ports support wire-speed forwarding.
• Provides 2 gigabit RJ45 ports and 2 multiplexed gigabit SFP ports
• Supports IEEE 802.3x full-duplex and half-duplex backpressure flow control
• Supports auto-flipping of uplink ports (Auto MDI/MDIX)

AI smart button

• AI Extend: 1-8 ports support 250 meters long-distance power supply

(recommended to use Cat 5 or over cables);

• AI VLAN: 1-24 ports are Isolated from each other, which can effectively

restrain network storms and improve network performance;

• AI QoS:Prioritize the identified video data to make video transmission

smoother;

• AI PoE: automatically detects the working status of the PD device and

reboot the device while find it fake dead.

PoE features

• Compliant with the IEEE802.3af&at standard,each poe port maximum 30W.
• Support PoE short circuit protection, over current protection, over temperature protection, etc.
• Support AI PoE, restart dead device.

Easy to use

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

Product Specifications :

Network Interface	● 24 10/100Mbps RJ45 ports with PoE supported (Port 1~Port 24) ● 2 gigabit non-PoE RJ45 ports (Port 25~Port 26) ● 2 Gigabit SFP fiber ports (multiplexed)
protocol standard	● IEEE 802.3i、 IEEE 802.3u、IEEE 802.3x、IEEE 802.3z、 IEEE 802.3ab、IEEE 802.3af、IEEE 802.3at
Performance Specifications	● Backplane bandwidth: 8.8Gbps (non-blocking) ● Packet forwarding rate: 6.55Mpps ● MAC address table: 8K ● Forwarding mode: store and forward
LED indicator	● Power indicator: 1pc ● LINK/ACT indicator: 26pcs ● PoE indicator: 24pcs
PoE pin	● 1/2(+) , 3/6(-)
Power support	● Single port maximum output power: 30W ● The maximum of total power budget: 250W
Physical Specifications	●Dimensions (LxWxH) : 440mm*180mm*44mm
Environmental Specifications	● Working temperature: 0℃~40℃ ● Storage temperature: -40℃～70℃ ● Working humidity: 10%~ 90% RH without condensation ● Storage humidity: 5%~90% RH without condensation
safety regulations	● CE/ROHS/FCC/CCC

Networking application