24 Port 1Gb AI PoE Switch

FIBERME FS-AI2024GP is an artificial intelligent GB PoE switch. It can meet the PoE power supply requirements of various types of devices such as WIFI AP, IP-camera, WIFI bridge, and IP Phone. The product has 24 10/100/1000Mbps RJ45 ports, no optical port for uplink, Support APOLLO visual cloud management operation and maintenance, Comply with the IEEE802.3af/at standard, the maximum power supply of the port is 30W, and the maximum power supply of the whole machine is 250W.

AI PoE: Automatically detect the power receiving port, find a dead device, and restart the device after power off.

AI Q0S: Prioritize the identified video data to make video transmission smoother.

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; When enable AI PoE mode, the switch automatically detects the working condition of the PD device, and automatically restarts the device when abnormal devices are found; When the AI QoS mode is enabled, the video data will be prioritized 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.

Extender More
8 Ports with 250 meters long-distance data and power supply

PoE
artificial intelligent PoE design for a maintenance for any PoE host

AI VLAN
artificial intelligent VLAN design to isolate 24 ports and keep it connected with uplink ports

PoE
24 Ports with PoE support with maximum 30W/ Port, and full 250W for all ports

AI QoS
AI QoS designed to gives video data will be prioritized when the device is congested to make the video smoother

Gigabit
24 10/100/1000Mbps RJ45 ports, no optical port for uplink

• **Main features**

6kV lightning protection of port
• all ports support 6kV lightning protection, power over-temperature protection, overvoltage protection, surge current protection and other protection functions.
Exchange features
• non blocking switching architecture, all ports support wire speed forwarding.
• two 10/100/1000m RJ45 uplink ports are provided at the same time.
• support IEEE 802.3x full duplex flow control and half duplex back pressure flow control
• support automatic flipping of upstream ports (automatic mdi/mdix).

Interface	• 24 10/100/1000Mbps RJ45 Port which 17-24 ports can support 100M ultra-long distance, 500 meters away from transmission (used with long-distance splitter) • 2 Gigabit SFP Combo port
Protocol	• 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: 48Gbps • Packet forwarding rate: 35.7Mpps • MAC address table: 8K • Forwarding mode: store and forward
LED Indicator	• 26 Link/Act indicators • 24 PoE indicators • 1 Power light
PoE Pin	1/2(+)，3/6(-)
Power Supply	• Single port maximum output power: 30W • The maximum power of the whole machine: 250W
Environmental Specifications	• Working temperature: 0℃~40℃ • Storage temperature: -40℃～70℃ • Working humidity: 10%~ 90% RH without condensation • Storage humidity: 5%~90% RH without
AI Features	• AI Extend: 1-8 ports support 250 meters long-distance power supply(recommended to use super five or more network cables) • AI VLAN: Isolate ports 1-24 from each other, which can effectively suppress network storms and improve network performance • AI QoS: Prioritize the identified video data to make video transmission smoother • AI PoE: Automatically detect the power receiving port, find a dead device, and restart the device after power off
Port 6KV Lighting Protection	All ports support 6KV lightning protection, support power supply over temperature protection, over-voltage protection, surge current protection and other protection features.
Size	1U ｜ (L x W x H）：440mm x 180mm x 44mm

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