24 Port 100Mbps AI PoE Switch

FIBERME FS-AI2024P is an artificial intelligent 100 Mbps 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 100M PoE ports, 2 Gigabit RJ45 ports and 1 gigabit SFP port (25 ports are Gigabit combo), which are suitable for network access and edge aggregation.

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

2 RJ458 Uplink ports with 1 Gigabit

- **IEEE802.3af/at Standard**
- **1 SFP uplink (Combo port)**
- **Background Bandwidth: 6.8 Gbps**
- **250W internal power Adapter**

Interface	• 24 10/100Mbps RJ45 PoE ports, of which 17-24 ports can support 100M ultra-long distance, 500 meters away from transmission (used with long-distance splitter) • 2 10/100/1000Mbps RJ45 ports • 1 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: 8.8Gbps (non-blocking) • Packet forwarding rate: 6.5Mpps • 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

FC CE RoHS Compliant

FIBERME COMMUNICATIONS