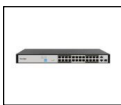




AI6024H 24-Port Long Distance AI PoE Switch

- 24 10/100Mbps RJ45 PoE ports, of which 17-24 ports can support 100M ultra-long distance 500 meters transmission (used with long-distance splitter)
- 2 10/100/1000Mbps RJ45 ports
- 1 Gigabit SFP Combo port
- Single port maximum output power: 30W
- The maximum power of the whole machine: 250W
- All ports support 6KV lightning protection



Description

Overview

The product has 24 gigabit PoE ports, 2 gigabit RJ45 ports, and 1 gigabit SFP (25 ports are gigabit combos) suitable for network access and edge convergence



Switch backplane bandwidth 8.8Gbps (non-blocking)	Packet forwarding 6.5Mpps	switch port 24 10/100Mbps RJ45 PoE ports,
Working Humidity 10% ~ 90% RH nun-condensing	Dimensions (W × D × H) 440mm*180mm*44mm	2 10/100/1000Mbps RJ45 ports
		1 Gigabit SFP Combo port

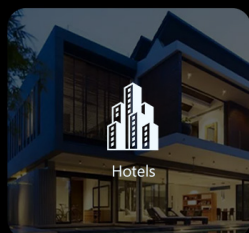
AI6024H

24-PORT LONG DISTANCE AI POE SWITCH



APPLICABLE SCENARIOS

It is the best choice for PoE networking in hotels, campuses, factory dormitories, and small and medium-sized enterprises.



500m

17-24 ports can support 100M ultra-long distance 500 meters transmission (used with long-distance splitter)



500m



6KV ⚡

All ports support 6KV lightning protection.



PoE⁺

The product has 24 gigabit PoE ports, 2 gigabit RJ45 ports, and 1 gigabit SFP (25 ports are gigabit combos) suitable for network access and edge convergence.



10%~90% RH

WORKING HUMIDITY:
10%~90% RH non condensing



Specifications

Network Interface	● 24 10/100Mbps RJ45 PoE ports, of which 17-24 ports can support 100M ultra-long distance 500 meters transmission (used with long-distance splitter) ● 2 10/100/1000Mbps RJ45 ports ● 1 Gigabit SFP Combo port
network 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 indicator
PoE foot position	● 1-16□：1/2(+)，3/6(-) ● 17-24□：1/2/4/5(+)，3/6/7/8(-)
Power support	● Single port maximum output power: 30W ● The maximum power of the whole machine: 250W
Physical Specifications	● Dimensions (LxWxH): 440mm*180mm*44mm
Environmental Specifications	● Operating temperature: 0°C~40°C ● Storage temperature: -40°C ~ 70°C ● Working humidity: 10%~ 90% RH without condensation ● Storage humidity: 5%~90% RH without condensation
safety	● CE/ROHS/FCC/CCC

Models	AI6024H
Series	500m POE Series