



AI6016H 16-Port Long Distance AI PoE Switch



- 16 10/100Mbps RJ45 PoE ports, of which 9-16 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: 150W



Description

Overview

The product has 16 100M PoE ports, 2 gigabit RJ45 and 1 gigabit SFP (17 ports are gigabit combo)



Switch backplane bandwidth	Packet forwarding	switch port
7.2Gbps (non-blocking)	5.4Mpps	16 10/100Mbps RJ45 PoE ports
Working Humidity	Dimensions (W × D × H)	2 10/100/1000Mbps RJ45 ports
10% ~ 90% RH non-condensing	284mm×180mm×44mm	

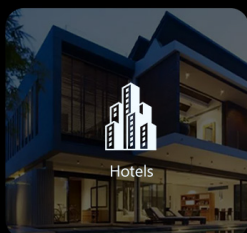
AI6016H

16-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

9-16 ports can support 100M ultra-long distance 500 meters transmission (used with long-distance splitter)

500m



6KV ⚡

All ports support 6KV lightning protection.





The product has 16 100M PoE ports, 2 gigabit RJ45 and 1 gigabit SFP (17 ports are gigabit combo)



10%~90% RH

WORKING HUMIDITY:
10%~90% RH non condensing



Specifications

Network Interface	● 16 10/100Mbps RJ45 PoE ports, of which 9-16 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: 7.2Gbps (non-blocking) ● Packet forwarding rate: 5.4Mpps ● MAC address table: 8K ● Forwarding mode: store and forward

LED Indicator	● 18 Link/Act indicators ● 16 PoE indicators ● 1 Power indicator
PoE foot position	● 1-8□：1/2(+)，3/6(-) ● 9-16□：1/2/4/5(+)，3/6/7/8(-)
Power support	● Single port maximum output power: 30W ● The maximum power of the whole machine: 150W
Physical Specifications	● Dimensions (LxWxH): 285mm*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 regulations	● CE/ROHS/FCC/CCC

Additional information

Models	AI6016H
Series	500m POE Series