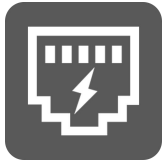




Full Gigabit  
Ports



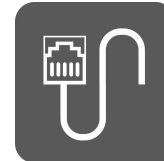
IEEE802.3af/at  
Support



250m PoE  
Extend



PoE Watchdog



Plug & Play



Fiber  
Connectivity

## 12-Port Gigabit Ethernet Switch with 8-Port PoE

### Introduction

The 12-port Gigabit intelligent standard PoE switch, uses high-quality, high-speed network IC and the most stable PoE chip. It can provide seamless connectivity on 10/100/1000M Ethernet network. The latest AI function is integrated into the switch, and the port automatically enables AI mode in Extend mode. The PoE power supply port automatically detects and supplies power to the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. Non-poe devices do not automatically detect power supply and only transmit data.

Simple installation and maintenance methods and rich service functions help users build a secure, reliable and high-performance network. It is mainly located in industrial parks, buildings, factories, mines, government agencies, residential broadband and other user network core or fusion layer; It can be widely applied to Ethernet access scenarios of small and medium-sized enterprises, Internet cafes, hotels, and schools.

### Key Features

- 88\* Gigabit PoE Ports+2\* Gigabit Ethernet ports+2\* Gigabit SFP Ports;
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3x standard;
- Ethernet Ports support 10/100/1000M self- adaptive;
- The AI mode is automatically enabled 10M speed for Ports 7-8 in Extend mode;
- Support PoE QoS Priority, priority ranges from 1 to 8. Enabled by default;

# 10-Port Gigabit Ethernet Switch with 8-Port PoE

- Flow control mode: IEEE 802.3X standard for full duplex;
- Zero configuration feature, automatically supplied to adaptive equipment;
- Panel indicator monitoring status and help failure analysis;
- With DIP switch, support Default and Extend modes;
- Support Surge protection: Common mode 4KV; ESD: Air 8KV, Contact 6KV.

## Application Environment

- Subway optical broadband network: telecommunication, cable TV, network system integration, etc.
- special broadband network: applicable to financial, government, oil, railways, electricity, public security, transportation, education and other industries
- Multimedia transmission: integrated transmission of image, voice and data, suitable for remote teaching, conference TV, video telephone and other applications
- Real-time monitoring: real-time control signal, image, data synchronous transmission

## Secification

I/O Interface		
Power	Input: AC Input (100-240V)	
Ethernet	8* Gigabit PoE Ethernet Ports 2* Gigabit Uplink Ethernet Port 2* Gigabit SFP Ports	
Performance		
Bandwidth	24Gbps	
Pack forward rate	17.856Mpps	
Memory Cache	448K	
MAC Address	2K	
Jumbo Frame	9216bytes	
Transfer Mode	Store and forward	
MTBF	100000 Hours	
Standard		
Network Protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3x (Flow Control) IEEE 802.3z (Gigabit Ethernet Fiber Standard)	
PoE Protocol	IEEE802.3af(15.4W) IEEE802.3at(30W)	

# 10-Port Gigabit Ethernet Switch with 8-Port PoE

Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-5 (Surge)
Network Medium	10Base-T : Cat3, 4, 5 or above UTP( $\leq 100\text{m}$ ) 100Base-TX : Cat5 or above UTP( $\leq 100\text{m}$ ) 1000Base-TX : Cat5 or above UTP( $\leq 100\text{m}$ )
Optical Medium	Multimode optical fiber: 50/125, 62.5/125, 100/140um Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um

## Certification

Safety Certificate	CE, FCC, RoHS
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## Environment Standard

Working Environment	Working Temperature: $-10\sim 50^{\circ}\text{C}$ Storage Temperature: $-40\sim 70^{\circ}\text{C}$ Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing
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## Function Indicator

Indicator	PWR (Power), 1-12 Green Light (Link&Data)
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PWR	On: Powered on Off: Powered off
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1-10 Green Light (Link&Data)	On: Link normal Off: Link blocked Flashing: Data transmitting
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DIP Switch	Default: common mode, all interfaces can communicate with each other, the transmission distance is less than 100 meters, the transmission rate is 10/100/1000M adaptive; The port AI mode is disabled Extend: Link extension mode, 7-8 ports force 10M, transmission distance 250M (enable POE watchdog)
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## Physical Structure

Structure Size	Product Dimensions: 220*161*44.5mm Package Dimensions: 315*215*85mm Product N.W: 0.92kg Product G.W: 1.22kg
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Power Voltage	Input voltage :AC100-240V Power supply: 52V2.3A (120W)
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Packing List	Switch 1 PC, Power cord 1 PC, User manual 1 PC
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