

## 27-Port Gigabit Uplink 10/100M 24-Port PoE Switch IV-POE2401



Gigabit Uplink 24-port PoE switch, using high-quality high-speed network IC and the most stable PoE chip, The PoE port meets the 802.3af or 802.3at standard. This series of PoE switches can provide seamless connection for 10/100M Ethernet, and the PoE power supply port can automatically detect and supply power to powered devices that comply with IEEE802.3af or IEEE802.3at standards, and non-PoE devices intelligently detect no power supply, only data is transferred.

### Main Features

- 24\*10/100M POE ports + 2\* 1000M Ethernet Uplink ports +1\*1000M SFP Port
- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z standards
- Ethernet port 10/100M rate auto adaptive
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Support Port Auto-flip (Auto MDI/MDIX)
- Panel indicators to monitor working status and help fault analysis
- One-key smart switch, supports VLAN, OFF, Extend
- Compatible with 1 U rack installation

### Application Environment

#### **Metro Optical Broadband Network:**

Data network operators such as telecommunications, cable TV, and network system integration, etc.

#### **Broadband private network:**

Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries

#### **Multimedia transmission:**

Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications

#### **Real-time monitoring:**

Simultaneous transmission of real-time control signals, images and data

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## Specifications

### I/O Interface

Power	Input: AC 100-240V, 50/60Hz
Ethernet	24 Port 10/100M PoE + 2 Port 1000M Ethernet Uplink+1 Port 1000M SFP

### Performance

Switching Capacity	10.8 Gbps
Forwarding Rate	8.035Mpps
Packet Buffer	1.5Mbit
MAC Address	2K
Jumbo Frame	9216bytes
Transfer Mode	Store and forward
MTBF	100000 hours

### Standard

Network protocol	IEEE802.3,IEEE802.3u,IEEE802.3x,IEEE802.3ab,IEEE802.3ab
PoE Protocol	IEEE802.3af (15.4W) IEEE802.3at (30W)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、 EN61000-4-5 (Surge)
Network Medium	10BASE-T: Cat 3、4、5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) 1000Base-TX : Cat5 or more UTP/STP(≤100 meter)
Optical Media	Multimode fiber : 50/125、62.5/125、100/140um Single mode fiber : 8/125、8.7/125、9/125、10/125um

### Protection

Certificate	CE、FCC、RoHS
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Environment	
Environment	Working Temperature: -10~50°C Storage Temperature: -40~70°C Working Humidity : 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing
Physical Features	
Dimension	Product Dimension : 440*205*44mm Package Dimension : 500*290*85mm N.W: 2.86kg G.W: 3.42kg
Packing Info	Carton MEAS: 520*445*310mm Packing Qty: 5 units Packing Weight: 18KG
Power Voltage	Input Voltage : AC 100-240 V Power supply: 52V7.69A
Power	Product power: ≤ 20W POE power: ≤ 380W
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc, Brackets 1 pair
Indicators	
DIP Switch	<p><b>VLAN</b> : Port isolation mode. In this mode, the PoE ports (1-24) of the switch cannot communicate with each other, and can only communicate with the UP-link port.</p> <p><b>OFF</b>: Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100M adaptive;</p> <p><b>Extend</b> : Link extension mode, 9-24 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M</p>
LEDs	PWR (power supply) , SW (DIP) , 1-27 (Link&Data)

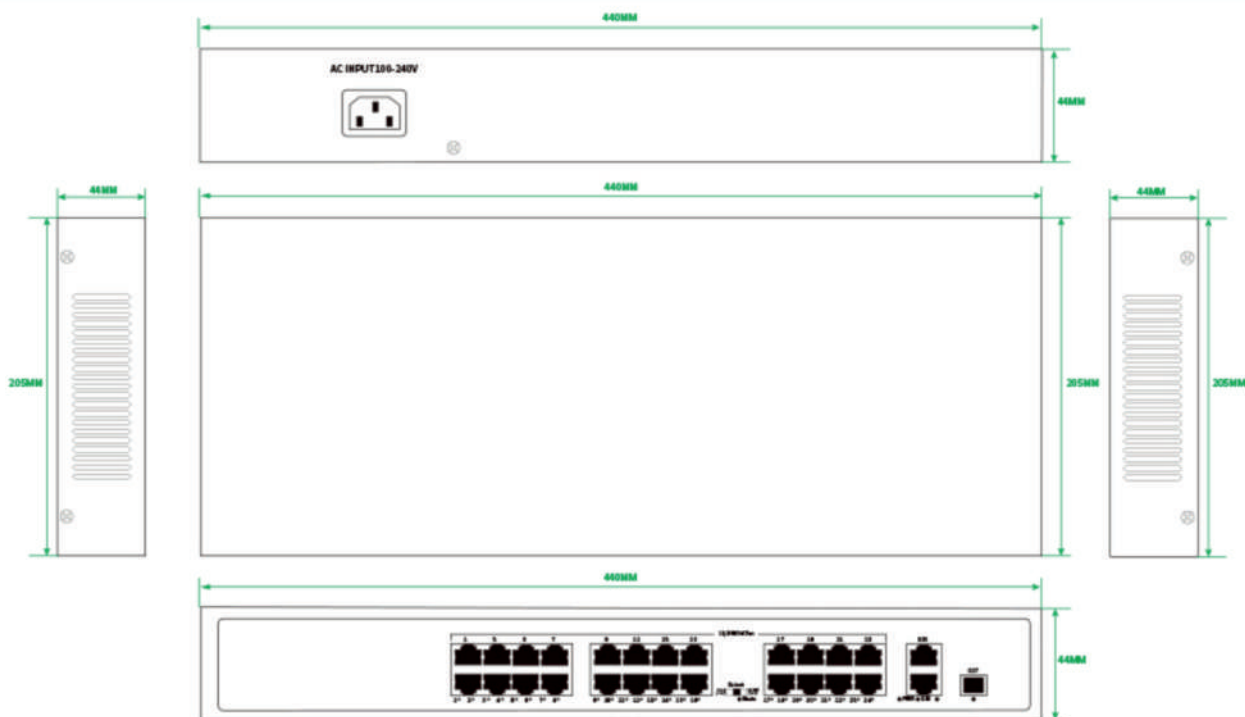
## Ordering Info

IV-POE2401	27-Port Gigabit Uplink 10/100M 24-Port PoE Switch
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## Product structure drawing



## Application of topology

