

## 6-Port Gigabit PoE Switch

### 【Introduction】

6-Port Gigabit 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 10/100/1000M 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】

- 4\*10/100/1000M POE Ports + 2\*1000M SFP Port
- Comply with IEEE 802.3, IEEE 802.3u,IEEE802.3ab,IEEE802.3z standards
- port 1 support BT 60W;
- Ethernet port 10/100/1000M 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,Default,Extend

### 【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

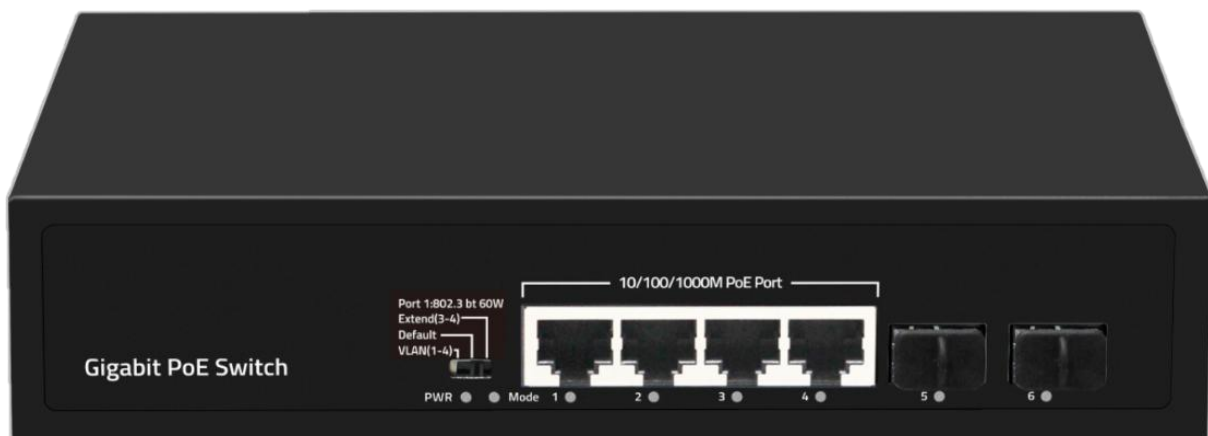
### 【Specifications】

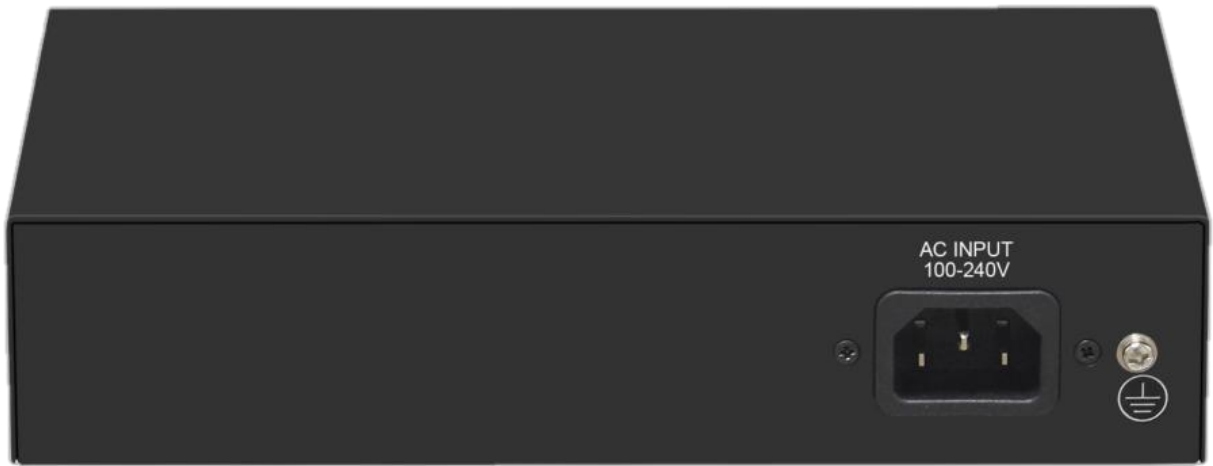
| I/O Interface      |   |
|--------------------|---|
| Power              | Input: AC 100-240V, 50/60Hz                           |
| Ethernet           | 4*10/100/1000M PoE Port<br>2* Gigabit SFP Uplink Port |
| Performance        |   |
| Switching Capacity | 12Gbps  |
| Throughput         | 8.928Mpps   |

|                      |  |
|----------------------|--|
| Packet Buffer        | 1Mb  |
| MAC Address          | 2K   |
| Jumbo Frame          | 9216bytes  |
| Transfer Mode        | Store and forward  |
| MTBF                 | 100000 hour  |
| <b>Standard</b>      |  |
| Network protocol     | IEEE802.3 (10Base-T)<br>IEEE802.3u (100Base-TX)<br>IEEE802.3ab(1000Base-TX)<br>IEEE802.3z(1000Base-FX)<br>IEEE802.3x (Flow control)  |
| PoE Protocol         | IEEE802.3af (15.4W)<br>IEEE802.3at (30W)   |
| Industry Standard    | EMI: FCC Part 15 CISPR (EN55032) class A<br>EMS: EN61000-4-2 (ESD),EN61000-4-4 (EFT),EN61000-4-5 (Surge)<br>Shock: IEC 60068-2-27<br>Free Fall: IEC 60068-2-32<br>Vibration: IEC 60068-2-6   |
| Network Medium       | 10Base-T : Cat3、4、5 or above UTP(≤100m)<br>100Base-TX : Cat5 or above UTP(≤100m)<br>1000Base-TX : Cat5 or above UTP(≤100m)   |
| Optical Media        | Multimode fiber : 50/125, 62.5/125, 100/140μm<br>Single mode fiber: 8/125, 8.7/125, 9/125, 10/125μm  |
| <b>Protection</b>    |  |
| Security Certificate | CE、FCC、RoHS  |
| <b>Environment</b>   |  |
| Working Environment  | Working Temperature: -20~50°C<br>Storage Temperature: -40~85°C<br>Working Humidity : 10%~90%, non-condensing<br>Storage Temperature: 5%~90%, non-condensing<br>Working Height: Maximum10,000 feet<br>Storage height: Maximum 10,000 feet |
| <b>Indication</b>    |  |
| PWR (power supply)   | Lighting: Powered<br>Un-Light: No Power  |
| Mode (DIP)           | Lighting: VLAN<br>Un-Light: Default<br>Flashing: Extend  |

|                      |   |
|----------------------|---|
| 1-6 Gree (Link&Data) | Lighting: Connecting<br>Flashing: Data Transmit<br>Un-Light: Disconnect   |
| DIP Switch           | <b>VLAN</b> : Port isolation mode. In this mode, the PoE ports (1-4) of the switch cannot communicate with each other, and can only communicate with the UP-link port.<br><b>Default</b> : Normal mode, all port can communicate with each other, the transmission distance is within 100 meters<br><b>Extend</b> : Link extension mode, 3-4 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M |
| <b>Mechanical</b>    |   |
| Structure Size       | Product Dimension (L*W*H): 200*118*44mm<br>Package Dimension (L*W*H): 245*190*60mm<br>N.W: 0.6kg<br>G.W: 0.9kg  |
| Packing Info         | Carton MEAS: 505*320*402mm<br>Packing Qty: 20units<br>Packing Weight: 19KG  |
| Power Voltage        | Input Voltage : AC 100-240 V<br>Power supply: 52V2.3A   |
| Package List         | Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc,   |
| <b>Ordering Info</b> |   |
| ZX901-AXG-42NS       | 6 Port Gigabit PoE Switch ,52V2.3A  |

### 【产品效果】





【应用拓扑】

