



802.3at PoE+ Mini Industrial Switch: 4-Port Gigabit PoE + 1 Gigabit Ethernet Port

Features

- ▶ 5 x 10/100/1000BASE-T ports (1 Gigabit uplink + 4 PoE+ ports)
- ▶ 5 x 10/100/1000BASE-T RJ45 ports with auto-MDI/MDI-X
- ▶ Ports 1-4 support IEEE 802.3at PoE+ Injector
- ▶ 12~48VDC wide range power input
- ▶ PoE budget: Up to 120W (48VDC) / 90W (24VDC) / 60W (12VDC)
- ▶ Supports 802.3x Flow control
- ▶ Supports DIN-Rail and Wall-mount installation
- ▶ Industrial-grade design with IP40 dustproof protection and rugged high-strength metal case
- ▶ Operating temperature: -40°C to 80°C (-40°F to 176°F)



Product Description

WXA-I05G-P120 is a mini industrial unmanaged ethernet switch features 4 x 10/100/1000BASE-T IEEE 802.3at PoE+ ports, 1 x 10/100/1000BASE-T uplink port, and a 12~48VDC wide-range power input. Engineered to meet critical industrial standards, it delivers reliable, straightforward operation with robust resistance to vibration and shock, plus a wide operating temperature range, making it ideal for diverse harsh environments.

Compliant with CE and FCC certifications, the switch has passed 100% burn-in testing to ensure consistent performance in industrial applications. It offers a cost-effective, trusted solution for industrial Ethernet connectivity needs.



Product Specification

| Category | Parameter | Specification |
|------------------------------------|------------------------------------|--|
| Ethernet | Standards/Forward Rate/Switch Spec | IEEE 802.3/802.3u/802.3ab/802.3x/802.3az/802.3af/at (PoE+ PSE); 14,880/148,800/1,488,000 pps (10/100/1000Mbps); Switch Fabric:10Gbps non-blocking, Backplane:20Gbps, Forwarding rate:14.88Mpps |
| | Packet Buffer/Len/MAC Table | 1Mbits; 10Kbytes; 8K entries |
| Interface | Connector | 5x 10/100/1000Base-T RJ45 (auto-MDI/MDI-X; Ports1-4: 802.3at PoE+ injector) |
| Power over Ethernet (PoE) | Standard/Pin/Budget | IEEE 802.3af/at; 4/5(+),7/8(-); 48V:120W /24V:90W /12V:60W |
| Environmental | Operating/Storage Temp | -40°C~80°C (-40°F~176°F); -40°C~85°C (-40°F~185°F) |
| | Humidity/MTBF | 5%~95% non-condensing; >200,000 hrs |
| Electrical & Mechanical | Power/Consumption/Protection | 12~48VDC (Terminal Block); <125W (Non-PoE<6W); Overload:Auto Resettable, Reverse Polarity:Present |
| | Dimensions/Weight/Mounting | 95×70×29mm; 0.25Kg; Aluminum Case (DIN-Rail/Wall-mount) |
| | LED Indicators | PWR(Power), L/A(Link/Activity), PoE(Status) |
| Regulatory Approvals | Certifications/EMI/EMS | ISO9001; EN55022:2010+AC:2011 Class A, EN61000-3-2/3:2006+A1+A2/2013, EN55032:2017; IEC 61000-4-2/3/4/5/6/8 |