



SHENZHEN WEIXIANG AN TECHNOLOGY CO., LTD

Mini Industrial Gigabit PoE Ethernet Switch - 4-Port 10/100/1000T (IEEE 802.3at) + 1-Port 100/1000X SFP, 12-48VDC Wide Input & Voltage Booster

Features

- ▶ 4 x 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports with IEEE 802.3at PoE+ Injector (Port-1 to Port-4)
- ▶ 100/1000BASE-X SFP slots for SFP type auto detection
- ▶ Up to 120-watt PoE budget (48VDC), 90-watt PoE budget (24VDC), 60-watt PoE budget (12VDC)
- ▶ 12~48VDC wide range power input with power booster function
- ▶ Supports 802.3x Flow control
- ▶ Supports DIN-Rail and Wall-mount installation
- ▶ Industry standard design, dustproof and close design IP40, rugged high-strength metal case
- ▶ -40°C to 80°C (-40°F to 176°F) operating temperature



Product Description

WXA-I04G-1SFP-P120 is a Mini Industrial 4-Port 10/100/1000T 802.3at PoE + 1-Port 100/1000X SFP Gigabit Ethernet Switch with 12~48VDC Input and Voltage Booster. This unmanaged industrial solar power PoE switch is designed to match the critical industrial standards. With reliable and simple operation against vibration and shock, and wide operation temperature range, it could match a variety of harsh environment.

The switch complies with CE and FCC standards, and passed the 100% burning test to ensure that it will fulfill the needs of industrial applications. It is a good choice for an economical solution for industrial Ethernet connections.



Product Specification

Category	Parameter	Specification
Ethernet	Standards	IEEE 802.3/802.3u/802.3ab/802.3x/802.3az/802.3af/at (PoE+ PSE)
	Forward Rate/Switch Property	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/Optical Port	4x RJ45 (Ports1-4: 802.3at PoE+ injector); 1x SFP (1000Base-X/100Base-FX auto-detect)
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	Input Power/Consumption/Protection	12~48VDC (4-Pin 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