



Mini Industrial 3-Port 10/100/1000T IEEE 802.3at PoE + 1-Port 100/1000X SFP Switch with 12~48VDC Input and Voltage Booster

Features

- ▶ 3 x 10/100/1000BASE-T RJ45 Auto-MDI/MDI-X Ports with IEEE 802.3at PoE+ Injector (Port-1 to Port-3)
- ▶ 1 SFP Port, 100BASE-FX or 1000BASE-X Dual Mode (Auto-Detection)
- ▶ Up to 90W PoE budget (48VDC), 90W PoE budget (24VDC), 60W PoE budget (12VDC)
- ▶ 12-48VDC Wide-Range Power Input with Power Booster Function
- ▶ Supports Full/Half-Duplex, Auto-Negotiation
- ▶ IEEE 802.3az Energy Efficient Ethernet (EEE)
- ▶ Supports DIN-Rail & Wall-mount installation
- ▶ IP40 Aluminum Case
- ▶ Environmentally Hardened Operating Temperature: -40°C to 75°C (-40°F to 167°F)



Product Description

WXA-I03G-1SFP-P90 is a Mini Industrial 3-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/Processing Type/Rate	IEEE 802.3/802.3u/802.3ab/802.3z/802.3x/802.3az(EEE); Store-and-Forward; 14,880/148,800/1,488,000 pps (10/100/1000Mbps)
	Buffer/Fabric/Len/MAC Table	4Mbit; 12Gbps; 9K Bytes; 2K entries
Interface	Connector/Optical Port	3x RJ45 (Ports1-3: 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/24V:90W, 12V:60W
Electrical & Mechanical	Input Power/Consumption	12~48VDC (4-pin terminal block); <95W (Non-PoE<6W)
	Dimensions/Weight/Mounting	95×70×30mm; 0.3Kg; Aluminum Case (DIN-Rail/Wall-mount)
	LED Indicators	PWR(Power), L/A(Ethernet LINK), FX(Fiber LINK), PoE(Status)
Environmental	Operating/Storage Temp	-40°C~75°C (-40°F~167°F); -40°C~85°C (-40°F~185°F)
	Humidity/MTBF	5%~95% non-condensing; >200,000 hrs
Regulatory Approvals	Certifications/EMI/EMS	ISO9001, CE, FCC, RoHS; EN55022:2010+AC:2011 Class A, EN61000-3-2/3:2006+A1+A2/2013, EN55024:2010; IEC 61000-4-2/3/4/5/6/8