



## Mini Industrial Gigabit PoE Ethernet Switch - 3-Port 10/100/1000T (802.3at) + 1-Port 1000X SC, 12-48VDC Input & 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 x 1000BASE-X SC Port
- ▶ 12~48VDC wide range power input with power booster function
- ▶ Up to 90W PoE budget (48VDC), 90W PoE budget (24VDC), 60W PoE budget (12VDC)
- ▶ Supports Full/Half-duplex, Auto-negotiation
- ▶ IEEE 802.3az Energy Efficient Ethernet (EEE)
- ▶ IP40 Aluminum Case
- ▶ Supports DIN-Rail & Wall-mount installation
- ▶ Environmentally hardened Operating Temperature: -40°C to 75°C (-40°F to 167°F)



### Product Description

WXA-I03G-1SC-P90 mini industrial PoE Gigabit Ethernet switch is an economical and robust networking solution for industrial scenarios. It integrates 3×10/100/1000T ports with 802.3at PoE power supply capability and 1×1000X SC fiber port, and is equipped with 12~48VDC wide voltage input and voltage booster to match solar power and other non-standard power supply systems in industrial sites.

As an unmanaged device, it supports plug-and-play and simple operation, while its vibration and shock resistance, wide temperature tolerance, CE/FCC certification and 100% burning test qualification guarantee stable operation in harsh environments. It is especially suitable for economical industrial Ethernet connections in scenarios such as outdoor solar-powered security monitoring, remote industrial sensor networks and off-grid industrial sites.



## 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 SC 1000Base-X
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