



## Mini Industrial 3-Port 10/100/1000T + 1-Port 1000X SC Gigabit Ethernet Switch

### Features

- ▶ 3-port 10/100/1000BASE-T RJ45 with Auto MDI / MDI-X function
- ▶ 1-port 1000Base-X SC Fiber
- ▶ 12~48VDC Terminal Block Power Input
- ▶ 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 industrial-grade Gigabit Ethernet switch is a cost-effective and reliable networking solution for remote site interconnection scenarios. It integrates 3×10/100/1000BASE-T copper ports and 1×1000BASE-X SC fiber port, with an IP40-rated rugged compact case that balances durability and space efficiency.

The device features a -40°C to +75°C wide operating temperature range, half/full-duplex switchable Ethernet ports, and 1/2-core single-mode/multi-mode fiber compatibility for the fiber port. With its plug-and-play usability and stable performance, it is ideally suited for connecting distributed network devices (including IP cameras, wireless access points and industrial sensors) across remote industrial locations, such as outdoor security monitoring systems, factory automation networks and park-wide IoT deployments.



## Product Specification

| Category                | Parameter                   | Specification  |
|-------------------------|-----------------------------|--|
| Ethernet                | Standards                   | IEEE 802.3/802.3u/802.3ab/802.3z/802.3x/802.3az (EEE)  |
|                         | Processing Type/Rate        | Store-and-Forward; 14,880/148,800/1,488,000 pps (10/100/1000Mbps)                                  |
|                         | Packet Buffer/Switch Fabric | 4Mbit; 12Gbps  |
|                         | Max Packet Len/MAC Table    | 9K Bytes; 2K entries   |
| Interface               | Connector/Optical Port      | 3x RJ45; 1x SC 1000Base-X  |
| Electrical & Mechanical | Input Power/Consumption     | 12~48VDC (4-pin terminal block); 5W Max  |
|                         | LED Indicators              | PWR (Power), L/A (Ethernet LINK), FX (Fiber LINK)  |
|                         | Dimensions/Weight/Mounting  | 95×70×30mm; 0.25Kg; Aluminum Case (DIN-Rail/Wall-mount)  |
| 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              | ISO9001, CE, FCC, RoHS   |
|                         | EM/EMS                      | 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 |