

## Industrial 4X1G RJ45+1X1G SFP unmanaged Industrial Switch

Model: VC-IS04G01GF



### Introductions:

### Product Description

VC-IS04G01GF is a self-developed Gigabit unmanaged Ethernet industrial switch designed to meet the needs of industrial area and systems, and can operate stably for a long time in harsh usage environments. It provides 4 Gigabit RJ45 ports, 1 Gigabit SFP fiber port, and all ports support full wire speed forwarding. It is suitable for security monitoring wireless networking, fiber optic access and other application scenarios.

VC-IS04G01GF industrial Ethernet switch has excellent adaptability to industrial site environment (including mechanical stability, climate environment adaptability, electromagnetic environment adaptability, etc.), IP30 protection level, support for two redundant power supplies, low-power fanless cooling technology, MTBF up to 10 years, and 3-year warranty. Simple management model, plug-and-play, no configuration, easy to use. Suitable for intelligent transportation, rail transportation, power industry, mining, oil, shipping, metallurgy and green energy construction and other industrial scenarios to set up a cost-effective, stable and reliable communication network.

### Features

1. Support IEEE 802.3i, 802.3u, 802.3.
2. Provide 4 10/100/1000Mbps RJ45 ports, 1 1000Mbps SFP fiber port.
3. IP30 protection can reduce the impact of dust.
4. Support MAC address auto-learning, auto-aging and aging time setting. ● Support 2K MAC address.
5. Provides VLAN and broadcast storm suppression switches to adapt to various complex network environments.
6. Two power inputs, redundant backup, greatly improving the reliability of product power supply.
7. Aluminum alloy shell, sturdy and durable.
8. EMC high protection level, no fear of various harsh environments.

### Hardware Specification

Protocol Standards	IEEE 802.3,802.3i,802.3u
Ports	4×10/100/1000Mbps RJ45 ports +1×1000Mbps SFP port
Indicator light	4 status indicators Link/ACT, 1 SFP port indicator (Link), PWR
Power input	DC input voltage 12V~57VDC, Input current 2.5A(MAX)
Fan Quantity	Fanless
Performance	Store-and-forward, MAC address table depth 2K
Dimensions	136*108*38.5 mm
Switching Capacity	10Gbps
Forwarding Rate	7.44Mpps
MAC Address Table	2K
Packet Buffer Memory	1.5Mb
Installation	DIN-rail/wall mounting
Environment	Operating Temperature: -40C ~75C (-40 °F~167 °F) Storage Temperature: -40C ~85C (-40 °F ~185 °F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing

Certification Standards_ EMS	IEC/EN 61000-4-2,Level 4 IEC/EN 61000-4-3,Level 4 IEC/EN 61000-4-4,Level 4 IEC/EN 61000-4-5,Level 3 IEC/EN 61000-4-6,Level 3 IEC/EN 61000-4-8,Level 5 IEC/EN 61000-4-9,Level 5 IEC/EN 61000-4- 10,Level 5
Packaging accessories	One VC-IS04G01GF Industrial Grade Switch Warranty Card