

8X1G RJ45+2X1G SFP Unmanaged network Switch

Model: VC-S08G02GF



Introductions:

Product Description

VC-S08G02GF is a self-developed Gigabit unmanaged Ethernet industrial switch designed to meet the needs of industrial fields and systems, and can operate stably for a long time in harsh usage environments. It provides 8 Gigabit RJ45 ports, 2 Gigabit SFP fiber ports, and all ports support full wire speed forwarding. It is suitable for security monitoring wireless networking, fiber optic access and other application scenarios.

VC-S08G02GF 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 three 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 8X10/100/1000Mbps RJ45 ports, 2X1000Mbps SFP fiber ports.
3. IP30 protection can reduce the impact of dust.
4. Support MAC address auto-learning, auto-aging and aging time setting.
5. Support 4K MAC address.
6. Provides VLAN and broadcast storm suppression switches to adapt to various complex network environments.
7. Three power inputs, redundant backup, greatly improving the reliability of product power supply.
8. Aluminum alloy shell, sturdy and durable.
9. EMC high protection level, no fear of various harsh environments.

Hardware Specification

Protocol Standards	IEEE 802.3,802.3i,802.3u
Ports	8×10/100/1000Mbps RJ45 ports +2×1000Mbps SFP ports
Indicator light	8 status indicators Link/ACT, 2 SFP port indicators (Link), PWR
Power input	DC input voltage 12V~57VDC, Input current 3.0 A(MAX)
Fan Quantity	Fanless
Performance	Store-and-forward, MAC address table depth 4K
Dimensions	155*114.1*51.7 mm
Switching Capacity	20Gbps
Forwarding Rate	14.88Mpps
MAC Address Table	4K
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-S08G02GF Industrial Grade Switch Warranty Card