

## CLR-IPOE-G420

### 4 Port Gigabit PoE+ with 2-SFP (100/1G) Unmanaged Industrial POE Switch



#### Overview

With 4 x 10/100/1000M RJ45 and 2 x 1000M SFP slots, CLR-IPOE-G420 is used in industrial field providing connection between 10Base-T twisted pair or 100Base-TX twisted pair, 1000Base-TX twisted pair and client (computer, switch, Hub, server, etc.), meanwhile providing two 1000Base-FX Fiber port; the transmission distance will be from twisted-pair extended to 100 meters up to 20km over fiber, it can easily realize more motherboard, Repeaters, hubs, terminal and server. CLR-IPOE-G420 product components are for the strict screening, the product has excellent performance stability, environmental adaptability. The shell is made of aluminum alloy profiles, makes the product light, strong. Provides stronger corrosion resistance, resistance to electromagnetic interference ability, ensures the stability and safety of industrial Ethernet switch, and uses the standard DIN - 35 rail installation. Power input also adopts all kinds of power supply for industrial standard, makes the product stronger.

#### Features

- All gigabit design, 4 gigabit Adaptive RJ45 ports, and 2 gigabit SFP uplink slots.
- Supporting the IEEE802.3x full duplex flow control, and back pressure type half duplex flow control
- RJ-45 Ports support automatic polarity reverse
- Supports MAC address Self-learning function, the automatic update function
- Supports full duplex and half duplex auto-negotiation mode
- Supports alarm while power-lossing
- LED Status indicator light (connection/activities, full/half duplex)
- All ports are gigabit
- Provides card rail type, wall-mounted installation
- Electromagnetic compatibility : Level 4
- Protection Level : IP40
- Superior product performance, used in the field of industrial control successfully
- Supports IEEE802.3af POE standard
- Default PoE power pin assignment : 1,2, 3, 6 ( End-span ) (Mid-span (4,5, 7,8 as power pins ) is optional )

### Specifications

Interface	Four 10/100/1000M RJ45 ports, two 1000M SFP slots
PoE Parameters	Supports IEEE802.3af international standard Max Port Power :15.4W Total power : 75W Power pin assignment: 1/2+: 3/6-(default )
Forwarding Pattern	store-and-forward
Wavelength of fiber port	Single mode 1310nm or 1550nm, multimode: 850nm
Transmission Distance	20km(Single mode), 550m(multimode)
Performance	Backplane bandwidth: 20 GBPS The packet buffer: 100 KBPS Packet forwarding rate: 14.88Mbps Address database size: 8 k The average time between failures (MTBF) : 300000 hours
Network protocols and compliant standards	IEEE802.3: CSMA/CD IEEE802.3i: 10Base-T IEEE802.3u: 100Base-T IEEE802.3ab: 1000Base-T IEEE802.3z: 1000Base-LX
LED indicator lights Power lights	P1,P2; Interface lights: G1,G2
Power	Input: DC52V, AC/DC85~265V (optional) 3 green terminals Maximum power consumption: 7.2W Supporting alarm while power-lossing (DC12V/DC24V)
Dimensions	W*H*L: 128*105*47mm
Environmental	Working temperature: - 40 ~ 75 °C Storage temperature: - 40 ~ 85 °C Relative humidity: 5% ~ 95% (non-condensing ) Store humidity: 10% ~ 95%, no condensation Storage Height: an altitude of 3000 meters (10000 ft)
Certificates	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22) , Class B
Safety	CE Mark ,commercial CE/LVD EN60950

### Ordering Information

CLR-IPOE-G420	IES POE 4-P Gigabit PoE+ with 2-SFP(100/1G) Unmanaged
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