


**CI2042GS-POE**

## L2 Industrial PoE UnManaged Ethernet Switch

4GE + 2SFP



-40 - 85°C



Redundant Power



4KV



IP40 Protection

### Brief Views

CI2042GS-POE an hardened 4-port Industrial Ethernet PoE Switch, 2 SFP Uplink ports, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 4-port 10/100/1000BASE-TX RJ45 copper interfaces delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40°C to 85°C. It complies with IEEE802.3 af/at standard, 30W max. each port.

## Hardware

- **Downlink ports**
  - 4\*10/100/1000BASE-T RJ45
- **Uplink ports**
  - 2\*SFP
- **Switching capability**
  - 12Gbps
- **Packets switching capability**
  - 17.85Mpps
- **Switiching method**
  - Storage forwarding
- **LED light**
  - Power,ports,PoE
- **Enviroment parameters**
  - Storage temperature: -40 to 85°C
  - Work temperature: -40° to 85°C
  - Work humidity: 5% to 95%
  - Storage humidity: 5% to 95%
- **IP class**
  - IP40 aluminum housing
- **EMC**
  - IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air)
  - IEC61000-4-3 (RS): 10V/m (80~1000MHz)
  - IEC61000-4-4 (EFT): Power Port: ±4kV;  
● Data Port: ±2kV
  - IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV
  - IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)
  - IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
- **Jumbo Frame**
  - 9K
- **MAC table size**
  - 8K
- **FAN**
  - Fanless,natural cold
- **MTBF**
  - >300,000hours
- **Power**
  - 48 to 57V DC redundant power
- **Power consumption**
  - <3W
- **Dimention (W\*D\*Hmm)**
  - 143.7 x 103 x 44.2 mm
- **Weight**
  - Product Weight: 0.36KG
  - Packing Weight: 0.46KG
- **Certification**
  - CE FCC ROHS compliance
- **Installation**
  - DIN rail
- **PoE**
  - IEEE802.3af/ IEEE802.3at
  - 1-4 ports support PoE
  - Output Voltage: DC48V
  - Max. 15.4 watts (IEEE 802.3af)
  - Max. 30 watts (IEEE 802.3at)
  - PoE port Auto detect AF/AT devices
  - Power Pin Assignment:1/2+;3/6-
  - End-span( Mid-span optional)