6-Port Giga Light Ring Ethernet Switch

■ 2~4 fast Ethernet ports, Auto-negotiation speed, auto Full/Half Duplex Mode, and auto MDI/MDI-X connection
■ 0~2　SFP port, 1000M optic fiber or RJ45 interface module optional
■ Light CK-Ring with simple DIP-Switch setting
■ Wide range voltage 12~48V DC power input
■ Metal housing with IP40 protection, support high EMC level
■ DIN-Rail Mounting and Wall Mounting supported
■ Wide Operating Temperature (-40~85℃) to satisfy harsh industrial environment

Product Overview

6-Port Giga Light Ring Ethernet Switch is designed with IP40 metal housing and high level EMC protection, supports Auto-Negotiation speed, redundant dual power inputs with wide range voltage, and DIN35 rail-mounting for the different industrial circumstances, furthermore, the innovative Light CK-Ring can improve the reliability and reduce the cost of networking at the same time.

Features

- Support 802.3/802.3u, store-and-forward switching
- 2~4 10/100/1000 Base-T(X) RJ45 ports, support Auto-Negotiation speed (10M/100M), auto Full Duplex/ Half Duplex mode, auto MDI/MDI-X connection
- 0~2　SFP port, 1000M optic fiber or RJ45 interface module optional

- Light CK-Ring compatible with CK-series managed Ethernet Switch(recovery time < 20ms, single ring only)
- Metal housing with IP40 and high level EMC protection
- Redundant dual power voltage with 12~48V DC input
- Work in -40~85℃ wide temperature

Specifications

Technical Standard

- Protocol:IEEE802.3、IEEE802.3u

Interface

- RJ45 port: 10/100/1000BaseT(X) speed Auto-Negotiation, Full/Half Duplex mode, MDI/MDI-X connection
- Fiber port: 0~2 SFP port, 1000M optic fiber or RJ45 interface module optional

Switching Characteristic

- 10M Frame Forward Rate:14881pps
- 100M Frame Forward Rate:148810pp
- 1000M Frame Forward Rate: 1488096 pps s
- Forward Mode:store-and-forward
- Switching Bandwidth:12Gbps
- Cache Size:2Mbits
- MAC Address Table:8K

Power Supply

- Input: Redundant dual DC power inputs (12V/24V/48V) with 7.62mm industrial power terminal
- Full-load Consumption:< 7.2W (@24VDC)

Physical Characteristic

- Dimensions(W×H×D):40mm×120mm×100mm
- Weight:600g
- Housing: Metal, IP40 protection
- Installation: Wall mounting or DIN rail mounting

Environment Limits

- Work Temp:-40℃~85℃
- Storage Temp:-40℃~85℃
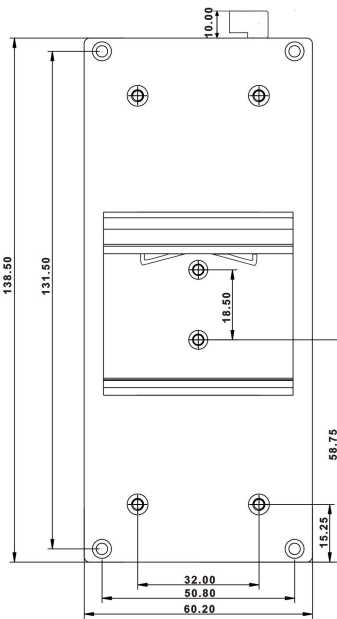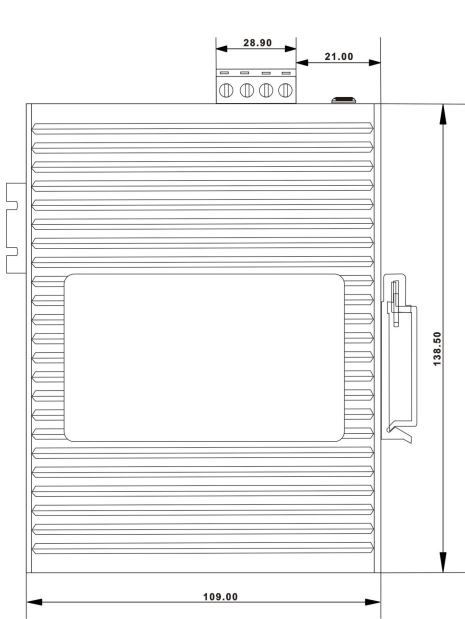- Relative Humidity:5%~95%(non-condensing)
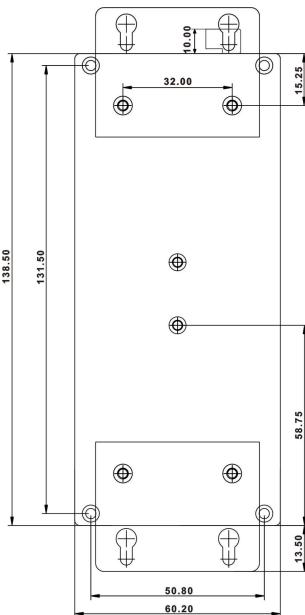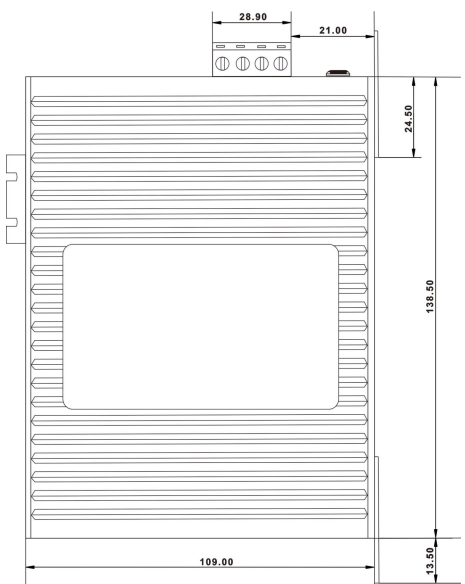
Warranty

- Warranty Period: 5 years

Standards and Certifications

- IEC61000-4-2(ESD):±8KV Contact, ±8KV Air
- IEC61000-4-3(RS):10V/M(80-1000MHZ)
- IEC61000-4-4(EFT):Power ±4KV, Data Cable ±2KV
- IEC61000-4-5(Surge):Power ±0.5KV, Data Cable±2KV
- IEC61000-4-6(CS):3V (10KHZ-150KHZ), 10V

- (150KHZ-80MHZ)
- IEC61000-4-16(MS):30V COUNT 300V, 1S
- IEC60068-2-6(Vibration)
- IEC60068-2-27(Shock)
- IEC60068-2-32(Free Fall)
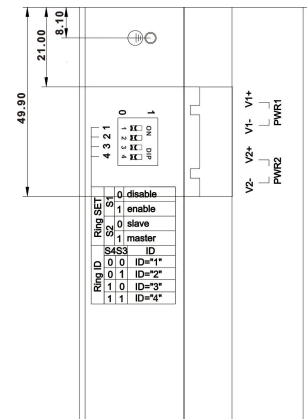- IEC61000-6-2(General Industrial Standard)

Dimensions(mm)

Din-Rail Mounting

Wall-Mounting

Models

Model	Description
CK5206M-2GTX2SFP	2*10/100/1000BaseT(X) RJ45 ports, 2*1000M SFP slots (optical or electrical interface optional, transceiver module not included), DIN35 rail mounting
CK5206M-4GTX2SFP	4*10/100/1000BaseT(X) RJ45 ports, 2*1000M SFP slots (optical or electrical interface optional, transceiver module not included), DIN35 rail mounting

Package List

- 6-Port 1000M Light Ring Ethernet Switch with industrial power terminal
- Product Manual
- Product Warranty