

10-Port Giga Unmanaged Ethernet Switch



- 2~8*1000M RJ45 ports, Auto-Negotiation speed, auto Full/Half Duplex Mode, auto MDI/MDI-X connection
- 0~8*1000M SFP ports, 1000M optic fiber or RJ45 interface module optional
- High strength metal shell with IP40 protection, EMC industrial level 3 supported
- Wide range voltage redundant dual inputs, full-load power consumption < 11W
- DIN-Rail Mounting and Wall Mounting supported
- Standard operating temperature -40~85°C to satisfy harsh industrial environment

Product Overview

10-Port Giga Unmanaged Ethernet Switch is designed with IP40 protection metal housing, and supports EMC industrial level 3, redundant dual inputs with wide range voltage(12~48V DC), 2~8*10/100/1000BaseT(X) RJ45 ports and 0~8*1000M SFP ports combined flexibly, DIN35 rail or wall mounting for different industrial circumstances.

Features

- IEEE802.3/802.3u/802.3ab, store-and-forward switching
- 2~8*10/100/1000BaseT(X) RJ45 ports, Auto-Negotiation speed(10M/100M/1000M),auto Duplex mode and MDI/MDI-X connection
- 0~8*1000M SFP port, 1000M optic fiber or RJ45 interface module optional
- Metal housing with IP40 protection and EMC industrial level 3
- Wide range power voltage with 12~48V DC inputs, full load power consumption less than 11W
- Working temperature range of -40~85°C

Specifications

Interfaces

- RJ45 port: 10/100/1000BaseT(X) auto negotiate speed, Full/Half Duplex, MDI/MDI-X connection
- SFP port: 1000M SFP port, 1000M optic fiber or RJ45 interface module optional
- Power: Dual inputs, 2 pluggable four pins power terminal

Exchange Property

- Ten trillion forwarding speed:14881pps
- Fast forwarding speed:148810pps
- Gigabit forwarding speed: 1488095pps
- Transmission way: Store-and-forward.
- Switching bandwidth: 20Gbps
- Buffer memory size: 2Mbits
- MAC address table: 8K

Power Requirements

- Dual redundant inputs with wide range voltage (12~48V DC), typical 12V/24V/48V
- Full load power consumption less than 11W
- Overload-Current protection

Physical Characteristics

- Dimensions (W×H×D): 51.5mm×150.5mm×125.5mm
- Weight: 900 g
- Housing: Metal, IP40 protection
- Installation: Wall mounting or DIN rail mounting

Environment Limits

- Work Temp.: -40°C~85°C
- Storage Temp.: -40°C~85°C
- Relative Humidity: 5%~95% (non-condensing)

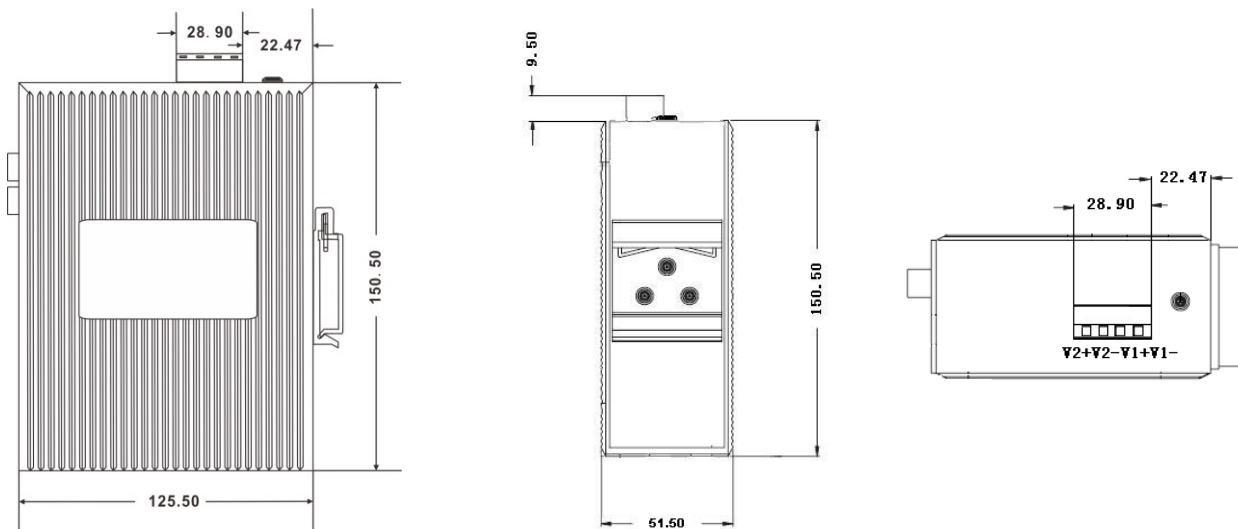
Warranty

- Warranty Period: 5 years

Standards and Certifications

- IEC61000-4-2(ESD): ±8KV touch, ±15KV atmosphere
- IEC61000-4-3(RS): 10V/m (80-1000MHZ)
- IEC61000-4-4(EFT): power cable ±4KV, data cable ±2KV
- IEC61000-4-5(Surge): power cable ±2KV CM/±1KV DM, data cable: ±4KV
- IEC61000-4-6(CS): 3V (10KHZ-150KHZ), 10V (150KHZ-80MHZ)
- IEC61000-4-8(MS): 100A/M COUNT 1000A/M, 1S TO 3SI
- IEC61000-4-12/18(HFRD): 2.5KV CM, 1KV DM
- IEC61000-4-10(DP): 30A/M
- IEC61000-4-16(CM): 30V COUNT 300V, 1S
- IEC61000-6-2, IEC61850-3, IEEE1613
- EN50121-4

Dimensions(mm)



Models

Model	Specs
CK7110-8GTX	8*10/100/1000BaseT(X) RJ45 ports, DIN35 rail mounting
CK7110-8GTX2SFP	8*10/100/1000BaseT(X) RJ45 ports, 2*1000M SFP slots(optical/electrical interface optional, transceiver module not included), DIN35 rail mounting
CK7110-6GTX4SFP	6*10/100/1000BaseT(X) RJ45 ports, 4*1000M SFP slots(optical/electrical interface optional, transceiver module not included), DIN35 rail mounting
CK7110-4GTX6SFP	4*10/100/1000BaseT(X) RJ45 ports, 6*1000M SFP slots(optical/electrical interface optional, transceiver module not included), DIN35 rail mounting
CK7110-2GTX8SFP	2*10/100/1000BaseT(X) RJ45 ports, 8*1000M SFP slots(optical/electrical interface optional, transceiver module not included), DIN35 rail mounting

Package List

- 10-Port Giga Unmanaged Industrial Ethernet Switch with industrial power terminal
- Matching the corresponding number of SFP optical modules according to the product model
- Product Manual
- Product Warranty