

5-Port 100M Configurable Industrial Ethernet Switch



- 1~5 fast Ethernet ports, auto negotiation speed, Full/Half Duplex Mode, and auto MDI/MDI-X connection
- 0~2 100BaseFX ports (SC port default, FC/ST port optional), Maximum 120km distance
- DIP Switch configure the speed, duplex mode, VLAN, Link Loss and Fiber Alert of the fiber port
- Broadcast storm control
- Metal housing with IP30 protection, EMC industrial level 4 supported
- Wide range voltage (12~48V DC) redundant dual inputs, power consumption less than 3.5W
- DIN-Rail Mounting and Wall Mounting supported
- Standard operating temperature 0°C~70°C, wide operating temperature optional (-40~85°C) to satisfy harsh industrial environment

Product Overview

5-Port 100M Configurable Ethernet Switch is designed for flexible industrial applications, you can configure the speed, duplex mode and VLAN parameters with the DIP switch, it supports EMC industrial level 4, Auto-Negotiation speed, redundant dual inputs with wide range voltage, 1~5 10/100BaseT(X) RJ45 ports and 0~2 100BaseFX fiber ports combined flexibly, DIN35 rail or wall mounting for different industrial circumstances. It provides the reliability and flexibility for your industrial Ethernet solution.

Features

- Support 802.3/802.3u/802.3x/802.3d, store-and-forward switching
- 1~5 10/100BaseT(X) RJ45 ports, Auto-Negotiation speed (10M/100M), auto Full/Half Duplex, auto MDI/MDI-X
- 0~2 100BaseFX fiber ports, default SC port, FC/ST optional, maximum distance to 120km
- Broadcast storm control
- VLAN
- Link Loss and Fiber Alert for the fiber port
- Metal housing with IP30 protection and EMC industrial level 4
- Wide range power voltage with 12~48V DC inputs, full load power consumption less than 3.5W

Specifications

Interface

- RJ45 port: 10/100BaseT(X) speed auto negotiate, Full/Half Duplex, MDI/MDI-X connection
- Fiber port: 100BaseFX 100M Full Duplex SC port(with FC/ST optional), maximum to 120km
- DIP Switch: 10 positions with 0/1 binary code
- Power input: dual power inputs (Common ground)

Power Requirements

- Dual redundant inputs with wide range voltage (12~48V DC), typical 12V/24V/48V
- Full load power consumption less than 3.5W
- Overload-Current protection

Physical Characteristics

- Dimensions (L x W x H): 116mmx89mmx53mm
- Weight: 600 g
- Housing: Metal, IP30 protection
- Installation: Wall mounting or DIN rail mounting

Environment Limits

- Work Temp.: 0°C~70°C, wide range -40~85°C optional
- Storage Temp.: -40°C~85°C
- Relative Humidity: 10%~95% (non-condensing)

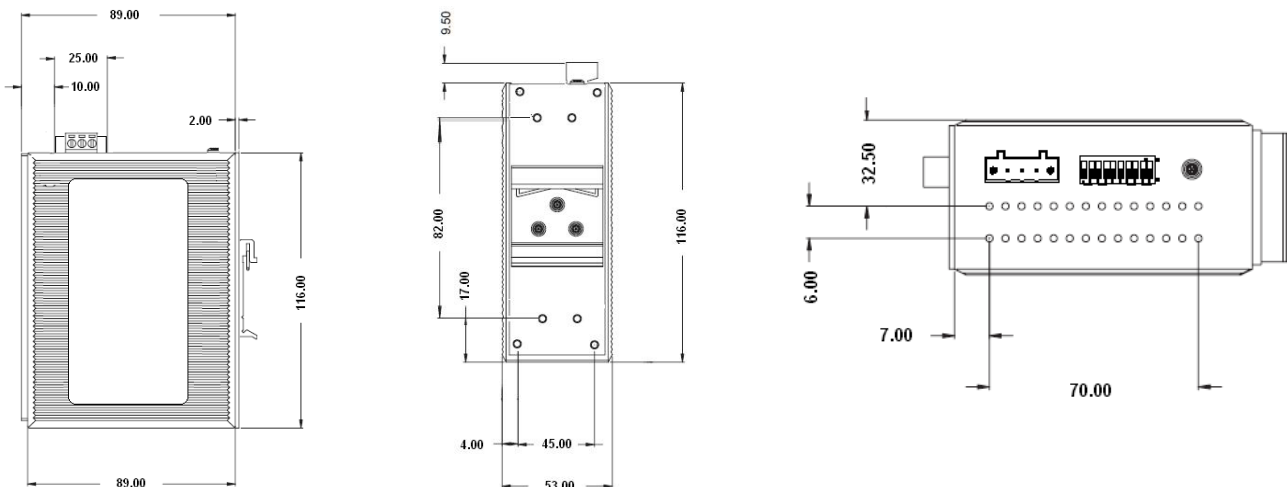
Warranty

- 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 + 4KV CM/+ 2KV DM, data cable: + 2KV
- IEC61000-4-6(CS): 3V (10KHZ-150KHZ), 10V (150KHZ-80MHZ)
- IEC61000-4-8(MS): 100A/M COUNT 1000A/M, 1S TO 3S
- 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



Models

Model	Specs
CK2050C	5 RJ45 ports, 100M configurable industrial Ethernet switch, optional wide range temperature
CK2041C	4 RJ45+1Fiber ports, 100M configurable industrial Ethernet switch, optional wide range temperature
CK2032C	3 RJ45+2Fiber ports, 100M configurable industrial Ethernet switch, optional wide range temperature
CK2021C	2 RJ45+1Fiber ports, 100M configurable industrial Ethernet switch, optional wide range temperature
CK2011C	1 RJ45+1Fiber ports, 100M configurable industrial Ethernet switch, optional wide range temperature

Package List

- 5-Port 100M Configurable Industrial Ethernet Switch with industrial power terminal
- Product Manual
- Product Warranty