

## 5-Port GB Configurable Ethernet Switch



- 1~5 GB RJ45 ports, auto negotiation speed, Full/Half Duplex Mode, auto MDI/MDI-X connection
- 0~2 GB Full Duplex Fiber ports (SC port default, FC/ST port optional ), Maximum 120km distance
- DIP Switch configures 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, full-load power consumption less than 7W
- DIN-Rail Mounting and Wall Mounting supported
- Standard operating temperature 0℃ ~70℃ , wide operating temperature optional ( -40~85℃) to satisfy harsh industrial environment

### Product Overview

5-Port GB 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 10/100/1000BaseT(X) RJ45 ports and 0~2 1000BaseFX 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 10/100/1000BaseT(X) RJ45 ports, Auto-Negotiation speed ( 10M/100M/1000M ), auto Full/Half Duplex, auto MDI/MDI-X connection
- 0~2 100BaseFX optic ports, default SC port, FC/ST optional, maximum distance to 120km
- Broadcast storm control
- Metal housing with IP30 protection and EMC industrial level 4
- VLAN
- Link Loss and Fiber Alert for the fiber port
- Wide range power voltage with 12~48V DC inputs, full load power consumption less than 7W

### Specifications

#### Interface

- RJ45 port: 10/100/1000BaseT(X) auto negotiate speed, Full/Half Duplex, MDI/MDI-X connection
- Fiber port: 1000BaseFX 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 7W
- 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

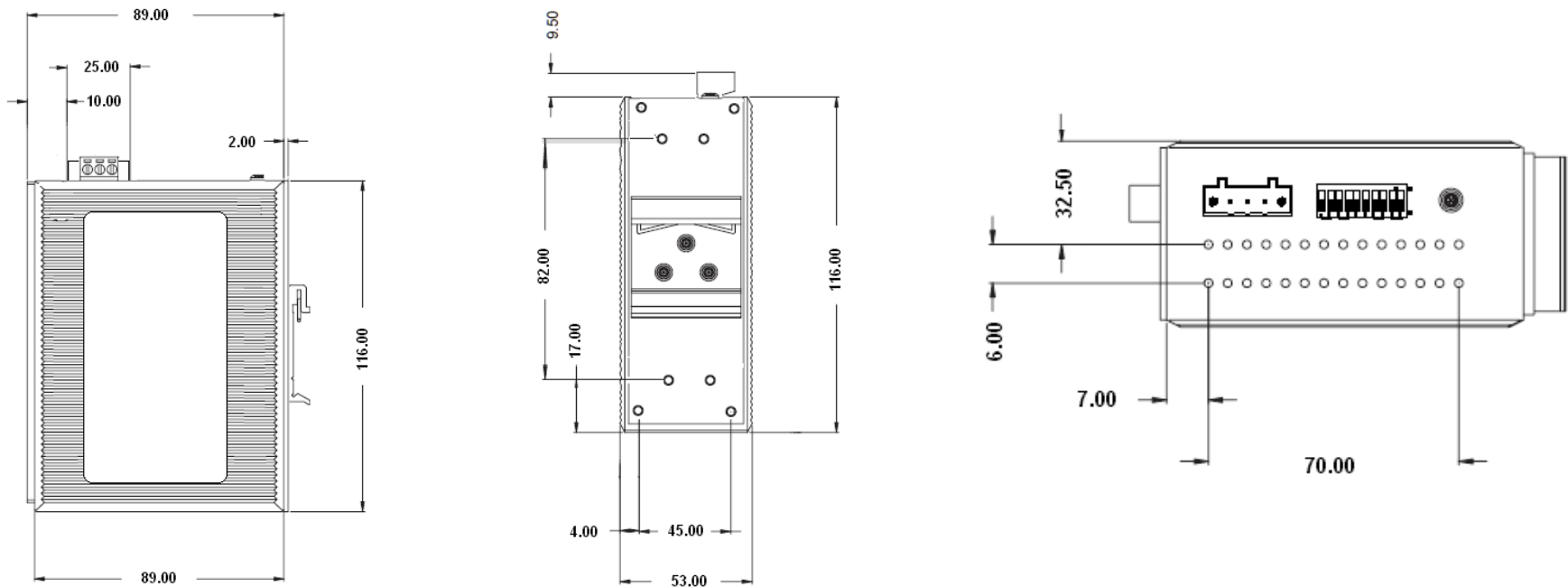
- Work Temp.: 0℃~70℃ , wide range -40~85℃ optional
- Storage Temp.: -40℃~85℃
- Relative Humidity: 10%~95% (non-condensing )

#### Warranty

- Warranty Period: 5 years

- 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 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



## Models

Model	Specs
CK3050C	5 RJ45 ports, GB configurable industrial Ethernet switch, wide temperature optional
CK3051C	5 RJ45 + 1 Fiber ports, GB configurable industrial Ethernet switch, wide temperature optional
CK3042C	4 RJ45 + 2 Fiber ports, GB configurable industrial Ethernet switch, wide temperature optional
CK3021C	2 RJ45 + 1 Fiber ports, GB configurable industrial Ethernet switch, wide temperature optional
CK3011C	1 RJ45 + 1 Fiber ports, GB configurable industrial Ethernet switch, wide temperature optional

## Package List

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