## 【Product Overview】

**Brief Introduction of GE industrial fiber switch:** support Max. 4 compatible 10 / 100/1000BaseT X Ethernet ports and 2x fiber ports. This switch is highly flexible and anti-EMI. The distance between fiber ports and control center is up to hundreds of kilometers. DIN-Rail mounting is catered for industrial application needs. -30°～75°C operating temperature rang and4KV Ethernet surge protection can adapt to a harsh outdoor environment and ensure product reliability.

## 【Packing List】

Please check the following items in the package before installing the switch.

- Industrial switch 1set
- User manual 1copy

Equipment is with built-in precision components, please avoid excessive vibration, and take it gently.

If you find that the device is damaged during transport or any parts missing, please notify the company or the company's offices, dealers, and we will solve the problem as soon as possible.

**【Product Specifications】**

| | |
|---|---|
| Network Protocols | IEEE 802.3i 10BASET<br>IEEE 802.3u 100BASETX<br>IEEE 802.3x Flow Control<br>IEEE802.3z 1000Base-Tx/Fx standard. |
| Power Supply | Input voltage: DC 9-56V<br>No-load power consumption: 5W<br>Reverse polarity protection: support |
| Industrial Standards | EMI: FCC Part 15 Subpart B Class A，EN 55022 Class A<br>EMS: EN 61000-4-2 (ESD) Level 3，EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3，EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3，EN 61000-4-8<br>Traffic Control: NEMA-TS2<br>Vibration: IEC 60068-2-6<br>Freefall: IEC 60068-2-32<br>Shock: IEC 60068-2-27<br>Rail Traffic: EN 50121-4 |
| Safety | CE Mark, commercial<br>CE/LVD EN60950 |
| Mechanical information | Dimension: 28mm x 117mm x 89mm<br>Mounting method: Din-rail mounting |
| Warranty | Replacement within 1 year; 3 years repairing |

## Gigabit Ethernet Product Features

- 4/8x 10/100/1000Mbps Auto-sensing RJ45 ports
- 2x 1000Mbps SFP fiber ports
- 6KV /4KV Ethernet surge protection, adapt to a harsh outdoor environment
- Support Auto MDI/MDIX
- Flow control mode: full duplex with IEEE 802.3x standard, half-duplex with Back pressure standard
- IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX compliant
- A store-and-forward switching mechanism
- Operating environment temperature: -30 ° ~75 ° c
- meet IP40 protection degree and EMC industrial grade requirements, DIN rail installation,

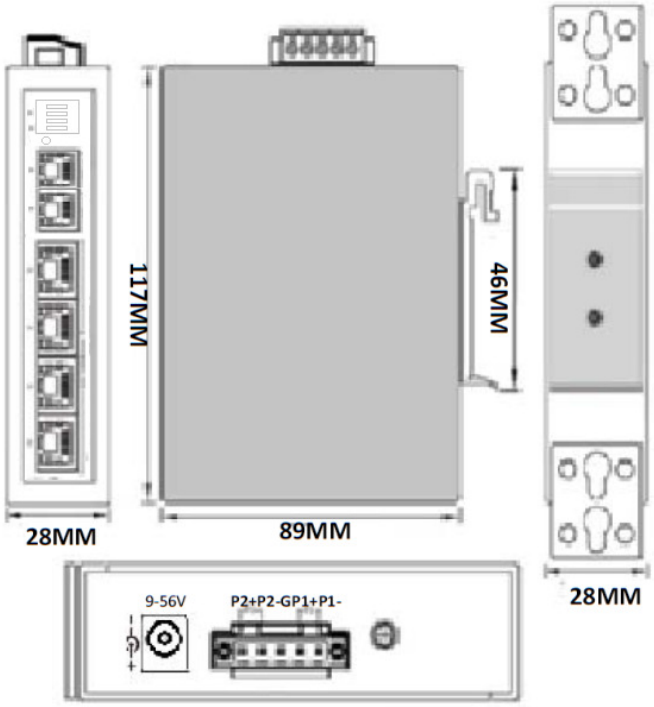
## DIP Switch Settings

| DIP | Function | Settings | |
|---|---|---|---|
| SW 1 | Ring Management | ON - Disabled | OFF - Enabled |
| SW 2 | VLAN | ON - Enabled | OFF - Disabled |
| SW 3 | FX port 100M mode | ON – 100M | OFF – 1000M |
| SW 4 | Null | N/A | N/A |

## 【LED indicator】

- All LED in the front panel of this series monitor the working status of the device, simplifying trouble-shooting. The indication of each LED is as below in the table:

| System Status LED | | | |
|---|---|---|---|
| LED | | Status | Description |
| Power Supply( PWR ) | | Green on | normal |
| | | off | Power off |
| RUN | | Blink | System ok |
| | | off | System down |
| Ethernet Port | Yellow Light | On | Ethernet port is connected |
| | | Blink | Data transmission enable |
| | | Off | Ethernet port is disconnected |




**Please install the switch by the following steps:**

1. Place the switch on a sufficiently large and stable desktop or on solid rail.
2. Connect the switch to the power.
3. Connect the network devices with the corresponding port on the switch via network cable

**Attention**

1. Do not place heavy objects on the switch and ensure the switch always in good ventilation environment.
2. Please power off before plug or remove power adapter.

**Power On**

Power on after connect switch to power. And then the switch will automatically initialize, the LED indicator will have the following conditions:

1. After LED on and then off means that the system has reset successfully.
2. Power LED is on all the time.

**Notice**

If the initialization does not match instructions above, please check the power supply.

**IP:192.168.1.6 user: admin, password: admin**



# Industrial Switch

# User Manual

(Do not use device until you read this manual carefully)