

## Introduction

The industrial switch series support eight 10/100/1000BaseT(X) Ethernet ports and two SFP Gigabit fiber ports.

This industrial switch series support POE at (30W)/af (15.4W) standards to power PD devices, such as Poe IP cameras, wireless APs and industrial-grade IP phones.

This industrial switch is highly flexible, and the SFP fiber port transmits data to the control center up to hundreds of kilometers and has high immunity to electromagnetic interference. The Din-Rail mounting features meet industrial site requirements.

## Parameter

- 6KV Ethernet surge protection and IP40 grade 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
- Support IEEE802.3/502.3u/802.3x storage and forwarding mode
- Operating temperature: -40° C ~ 75° C
- 12VDC-52VDC wide voltage power supply direct input, power supply supports no polarity
- Support Din-rail mounted

## POE part (alternative function)

- The Poe port supports the standard IEEE802.3af/at output.
- Support dual power input power and supply voltage is 48~52VDC, output power is determined by POE load.
- Wiring method: support both 1/2(+), 3/6(-) and 4/5/(+), 7/8(-) wiring methods.
- The POE ports can support 60W output (special instructions are required when ordering)

## LED Status

PWR: OFF: No power connect;

ON: Power connect

Fiber ports LED

FX1: OFF: no fiber connect

ON: Fiber connect

Blink: Fiber data transmission

FX2: OFF: no fiber connect

ON: Fiber connect

Blink: Fiber data transmission

Network ports LED

Yellow Light: ON: 1000M; OFF: 10/100M

Green Light: ON: connect network cable

Blink: network data transmission

## If the product is Poe switch:

Network ports LED

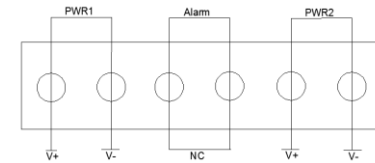
Yellow Light: ON: Poe working; OFF: No Poe Input

Other Leds are same instructions as above.

**Notice: The 5ports industrial network switch doesn't have FX1 and FX2 Leds, and it also doesn't have Poe Led even it is a Poe switch.**

**The 8ports industrial Poe switch doesn't have Poe Led too even it is a Poe switch.**

## Power Wiring Mode



## Installation

### Follow these steps to install the switch

- 1.Place the switch on the desk or chassis.
- 2.Connect the power adapter to the power connector and connect it to the power socket through the power cable.
- 3.Connect the network device to the corresponding port of the switch through a network cable.
- 4.Connect the fiber device to the corresponding port of the switch through a fiber cable (if have fiber ports).

### **Check the POE (if the product is Poe switch)**

1. Whether the output power of the PoE port meets the powered device requirements.
2. The PoE standard requires that the power supply mode matches the connected POE powered device (end-span/mid-span).
3. It doesn't support passive 24VDC PD, must used with standard IEEE802.3 af/at 48VDC PD.

**Notice: the product is non-managed product and no need any setting. It is adaptive product.**

### **Packing List**

When using the product for the first time, please check whether the package is complete and whether the accessories are complete!

- 1 × Main equipment
- 1 × user manual

**Usually the product is sold without power adapter and SFP transceivers, and need to order separately.**

### **Caution**

The equipment has built-in precision components, please avoid violent vibration, please handle with care, so as not to affect the performance of the equipment. If you find that the equipment has been damaged or any parts are lost during transportation, please inform our offices or dealers, and we will solve it for you as soon as possible.

# **Industrial Switch (POE/Non-POE) user manual**

(Do not use until you read this manual carefully)