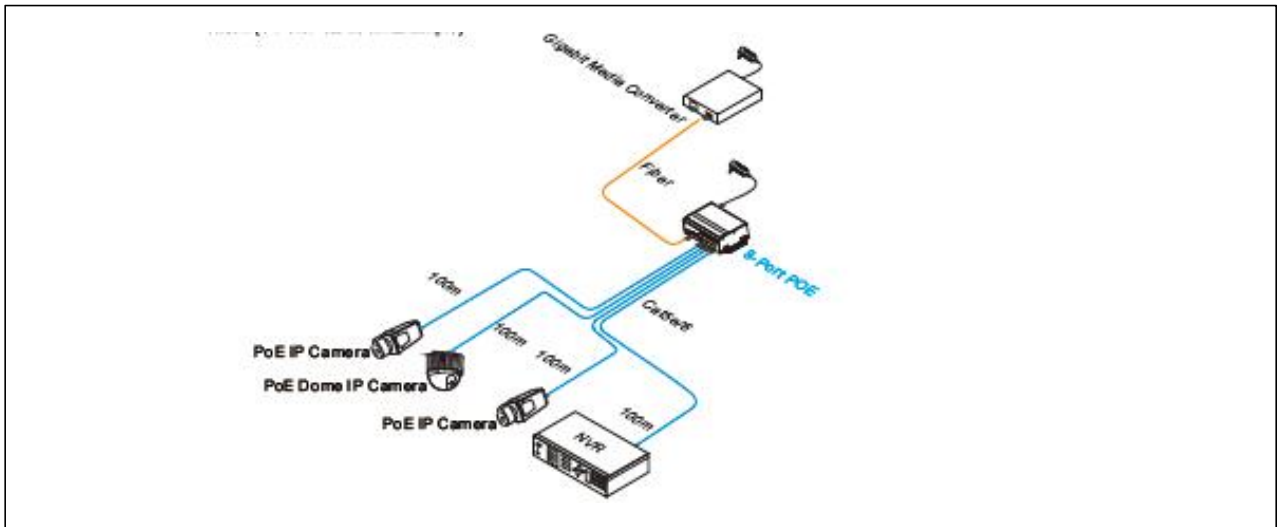## SWI7208GE-POE

- Providing 8*10/100/1000Base-T Ethernet PoE ports and 2*1000Base-X SFP slots.
- Support one-key fast ring, with self-healing time in 20ms.
- Support wide voltage input range from DC 12V to DC 48V, output PoE power is 80W(12V), 120W(24V), 240W(48V).
- Support IEEE802.3af/at, max PoE power output for single port is up to 30W
- Support one-key broadcast storm prevention (BSP), preventing crash of the switches.
- Support PoE watchdog, auto reboot the connected failure PD devices.
- Support one channel relay alarm output.
- Fanless, wave metal shell, low power consumption design.
- Support installation of DIN rail and wall mounted, adapting to a variety of environments.
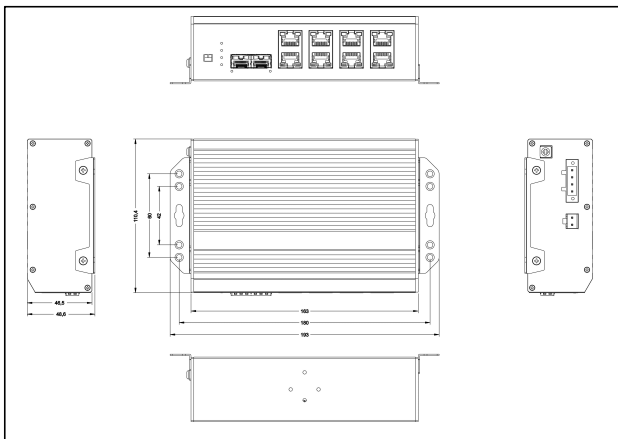
Protection 6KV

CE FC

Introduction

SWI7208GE-POE, full gigabit one-key ring industrial unmanaged switch (DC 12-48V), provides 8*10/100/1000Base-T Ethernet PoE port and 2*1000Base-X SFP slots. It supports auto speed reduction on Ethernet ports, the transmission distance is up to 200 meters max. What's more, the switch supports one-key fast ring, one-key broadcast storm prevention (BSP), IEEE802.3af/at and PoE watchdog. With industrial components, fanless and low power consumption design, the series meet the requirement of industrial project, and are widely used in Smart power grid, rail transportation, smart city, safe city, new energy, aerospace, smart manufacturing, military and other industrial fields.
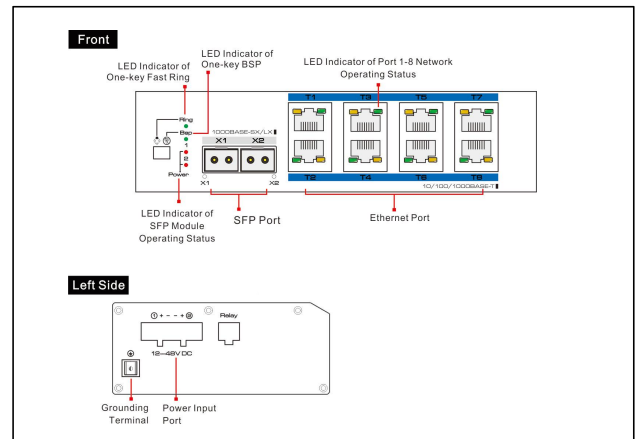
Application

Physical Features

Interface drawing

Hardware Specification

Model	SWI7208GE-POE
Physical Port	
Downlink Ports	8*10/100/1000Base-T (PoE)
Uplink Ports	2*1000 Base-X SFP Slots
Alarm Output	One channel relay alarm output, 1A@DC 9V, 2 cores, 5.08mm terminal
DIP Switch	1.Enable / Disable fast ring & PoE watchdog, with self-healing time less than 20ms. 2. Enable / Disable broadcast storm prevention.
Switching Feature	
Standard and Protocols	IEEE802.3 , IEEE802.3u, IEEE802.3ab, IEEE802.3Z, IEEE802.3X, IEEE 802.1af/at
Switching Capacity	20Gbps
Packet Forwarding Rate	14.9Mpps
Buffer	2Mbit
MAC Address Table	16K
Jumbo Frame	10K bytes
LED Indicator	Port: 1*Link/Act (Green) & 1*PoE Status(Orange) 1*One-key Fast Ring (Green), 1*One-key BSP (Green), 2*PWR (Red)
PoE	
PoE Line Pair	1/2(+) , 3/6(-)
PoE Output Power	Output PoE power for singe port≤30W, output PoE power is 80W(12V), 120W(24V), 240W(48V).
Power Supply	
Input Terminal	4 PIN / 5.08mm
Power Supply	DC 12-48V DIN-rail industrial power supply (Optional)
Power Consumption	≤12W (Not inlcude PoE)
Environment	
Surge Immunity	6KV Execute: IEC61000-4-5
ESD Immunity	6KV: Contact discharge 8KV: Air discharge Execute: IEC61000-4-2
Operating Temperature	-40-75℃
Storage Temperature	-40-85℃
Operating Humidity	5%-95% (Non-condensing)
Physical Parameter	
Material	Aluminium alloy, IP40
Dimension (L×W×H)	159mm×110mm×46.5mm
Installation	DIN rail / Wall mounted
Weight	942g
Certification	CE, FCC

Package List

Item	Quantity
PoE Switch	1
Power Supply (Not included by default)	Optional
DIN-rail Mouting Kits	1
Hanging Bracket	1
User Manual	1
Warranty Card	1