

**Gigabit 1 Optical 4 Electrical
Poe
Industrial Ethernet Switch()**



◎ Product Features

- Using high-quality optoelectronic integrated modules to provide excellent optical and electrical characteristics
- Ensure reliable data transmission and long working life
- Supports full duplex or half duplex mode with automatic negotiation capability
- The network interface supports fully automatic cross recognition
- Built in storage and forwarding mechanism, supporting multiple protocols
- Meets industrial level operational standards, with an average of over 300000 hours of trouble free operation
- Working power supply: DC 12-52V provides reverse protection

◎Product Description

Industrial grade Ethernet switch with 4 Gigabit electrical ports and 1 Gigabit FX optical port, supporting 4 100Base-T/1000Base-TX electrical ports and 1 1000Base-X optical port. The series switch has a working temperature range of -30 °C to 75 °C, and has super strong durability to adapt to various harsh environments. It can also be conveniently placed in compact control boxes. The installation characteristics of the guide rail, wide temperature operation, and the IP40 protection level of the housing and LED indicator light make the series a plug and play industrial grade device, providing a reliable and convenient solution for users' Ethernet device networking.

◎Product Technical Specifications

Product Name:	Industry standards:
1000M 1 Optical 4 Electrical Industrial Ethernet Switch	EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A
Product model:	EMS :
	IEC (EN) 61000-4-2 (ESD) : ± 8kV contact discharge, ± 12kV air discharge
Product Description:	IEC (EN) 61000-4-3 (RS) : 10V/m (80~1000MHz)
Industrial grade Ethernet switch with 4 Gigabit electrical ports and 1 Gigabit optical port	IEC (EN) 61000-4-4 (EFT) : Power cord: ± 4kV; Data cable: ± 2kV
Port description:	IEC (EN) 61000-4-5 (Surge) : Network port: ± 4kV CM//± 2kV DM ;
4 RJ45 ports+1 fiber optic interface	IEC (EN) 61000-4-6 (RF conduction) : 3V (10kHz~150kHz), 10V (150kHz~80MHz)
Fiber port:	IEC (EN) 61000-4-11 (CISPR 11) Class A
1000BaseFX Port SFP	
RJ45 port:	
10/100/1000BaseT (X) automatic detection, full/half duplex	
MDI/MDI-X adaptive	
Network protocol:	
IEEE 802.3、IEEE 802.3 i、IEEE	

Power Supply:

Input voltage: DC12-52V (dual power redundant backup)

Connection terminal: Phoenix terminal

Support dual power redundancy

Support reverse connection protection

Mechanical characteristics:

Shell: IP40 protection level, metal shell

Installation: DIN rail type, wall mounted installation

Heat dissipation method: natural cooling,

LED indicators:

Power indicator light: PWR

Interface indicator lights: electrical port, optical port (Link/ACT)

Protection level:

IP40

Mean time between failures:

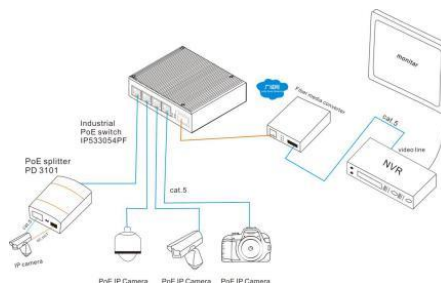
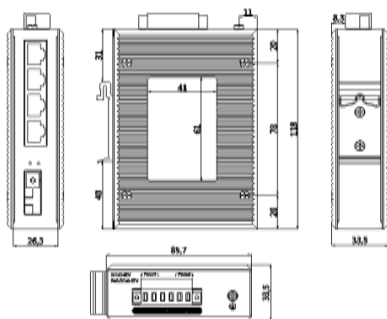
300000 hours

Warranty:

2 years

Product Application Diagram

Length x Width x Height (mm): 128 * 96 * 34mm



Order model information

model		describe
		1 gigabit optical+4 gigabit electrical Poe, SFP interface (excluding optical module), rail mounted, DC12-52V power supply - wide temperature range (-30 °C -75 °C)
The power adapter	FG-15-12	12V/1A, suitable for non POE industrial switch product series.
	FG-25-24	24V/1A, Suitable for non POE industrial switch product series.
	FG-50-48	48V/1A, Suitable for 1-port POE powered and non POE industrial switch product series