

Gigabit 2 Optical 8 Electrical 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 and has automatic negotiation capability
- The network interface supports fully automatic cross recognition
- Built in storage and forwarding mechanism, supporting multiple protocols
- Compliant with industrial level operational standards, with an average of over 300000 hours of trouble free operation
- Working power supply: DC 12-52V provides reverse protection
- Use SFP fiber optic interface
- Lightning surge protection (power supply): 5000A (8/20 μ s)

◎Product Description

Industrial grade Ethernet switch with 8 Gigabit Ethernet ports and 2 Gigabit FX optical ports, supporting 8 100Base-T/1000Base-TX Ethernet ports and 2 1000Base-X optical ports. The switch has a working temperature range of -30 °C to 75 °C, with super strong durability to adapt to various harsh environments, and 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 a plug and play industrial grade device, providing a reliable and convenient solution for users' Ethernet device networking.

◎Product Technical Specifications

Product Name:

1000M 2 Optical 8 Electrical Industrial Ethernet Switch

Product model:

Product Description:

Industrial grade Ethernet switch with 8 Gigabit electrical ports and 2 Gigabit optical ports

RJ45 port:

10/100/1000BaseT (X) automatic detection, full/half duplex MDI/MDI-X adaptive

Fiber port:

1000BaseFX port (SFP interface)

Network protocol:

IEEE 802.3、IEEE 802.3 i、IEEE 802.3u、IEEE 802.3x、IEEE 802.3ab、IEEE 802.3z;

Work environment:

Working temperature: -30 to 75 ° C

Storage temperature: -30 to 75 ° C

Relative humidity: 5% to 95% (no condensation)

Industry standards:

EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A

EMS :

IEC (EN) 61000-4-2 (ESD): ± 8kV contact discharge, ± 12kV air discharge

IEC(EN)61000-4-3(RS) : 10V/m(80~1000MHz)

IEC (EN) 61000-4-4 (EFT): Power line: ± 4kV; Data cable: ± 2kV

IEC (EN) 61000-4-5 (Surge): Network port: ± 4kV CM//± 2kV DM;

IEC (EN) 61000-4-6 (Radio Frequency Conduction): 3V (10kHz~150kHz), 10V (150kHz~80MHz)

IEC (EN) 61000-4-16 (common mode conduction): 30V cont. 300V, 1s

Exchange attributes:

Transmission method: Store and forward MAC address: 8K

Cache: 2Mbit Backplane bandwidth: 20G

Switching latency:<10 μ s Power consumption:<8W

Power Supply:

Input voltage: DC 12-52V

Support dual power redundancy

Support built-in overcurrent 4.0A protection

Support reverse connection protection

Mechanical characteristics:

Shell: IP40 protection level, metal shell

Installation: DIN rail type, wall mounted installation

Heat dissipation method: natural cooling, fanless

Weight: 0.64Kg

Size: 152 * 125 * 45mm (length x width x height)

LED indicators:

Power indicator light: PWR

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

Protection level:

IP40

Mean time between failures:

300000 hours

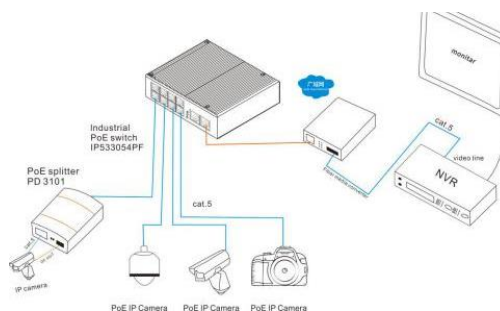
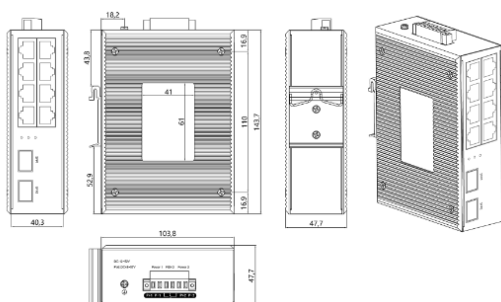
Warranty:

2 years

©Product appearance dimensions

©Product Application Diagram

Length x Width x Height (mm): 152*125*45mm



©Order model information

model		describe
		2 gigabit optical+8 gigabit electrical, 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	52V/1A, suitable for 1-port POE power supply and non POE industrial switch product series