

Industrial grade Gigabit 8-port 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

◎Product Description

8-channel gigabit Ethernet switch, supporting 8 10Base-T/100Base-T/1000Base-TX 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 8-port industrial grade Ethernet switch

Product model:

Product Description:

8-way unmanaged industrial grade Ethernet switch

Port description:

8 RJ45 ports

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 802.3u、IEEE 802.3x、IEEE 802.3ab;

Work environment:

Working temperature: -30 to 75 °C

Storage temperature: -30 to 75 °C

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

Industry standards:

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:16G

Switching latency:<10 μ s Power consumption:<5W

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, fanless

Weight: 0.64Kg

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

LED indicators:

Power indicator light: Power

Interface indicator light: Electrical port (Link)

Protection level:

IP40

Mean time between failures:

300000 hours

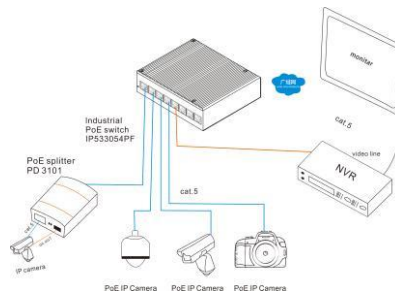
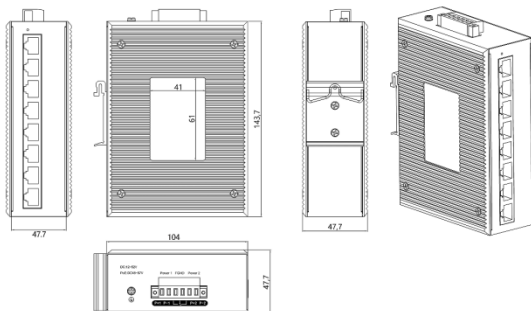
Warranty:

2 years

©Product appearance dimensions

©Product Application Diagram

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



©Order model information

model		describe
		8-port Gigabit Ethernet switch, rail mounted, DC12-48V 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-100-48	48V/2A, suitable for POE power supply and non POE industrial switch product series