

Industrial

Ethernet PoE Switch

➤ user's manual

5FE PoE

Product Introduction

The industrial grade switch series has industrial grade performance characteristics and can withstand harsh working environments. The product series is rich, and the port configuration is flexible, which can meet the needs of various industrial fields. Satisfying the complex and high-density, intelligent management of complex environments in factories, mines, industrial automation, transportation, infrastructure, ports, and farms, it can be widely applied to various networks.

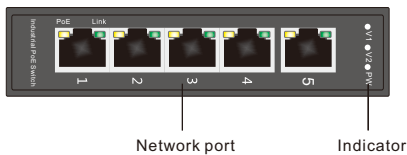
Product characteristics

- ◆ Lightning protection up to 6KV
- ◆ ESD static protection up to 8KV
- ◆ Support industrial grade working temperature: -40°C~80 °C
- ◆ Support industrial grade working humidity: 10%~90% RH without condensation
- ◆ Unique and advanced PoE watchdog function

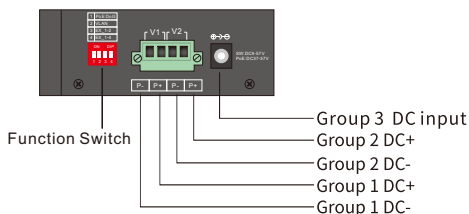
Product display and description

4*10/100M PoE+1*10/100M Uplink RJ45

Front



Side



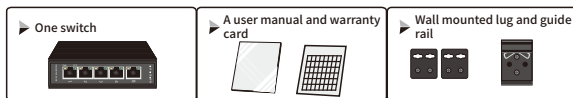
Indicator definition

Front indicator	state	Description
Power indicator:PWR	on	Power on
	off	Power off
Main power indicator: V1	on	Main power on
	off	Main power off
Slave power indicator: V2	on	Slave power on
	off	Slave power off
Network indicator	green on	The corresponding port works at 10M speed
	orange on	The corresponding port works at 100M speed

Function switch definition

1	PoE watchdog function
2	Enable ports 1-4 to prohibit communication and only communicate with the uplink port
3	After opening, the 1-2 ports have a speed of 10M and can transmit up to 250 meters away
4	After opening, the 1-4 ports have a speed of 10M and can transmit up to 250 meters away

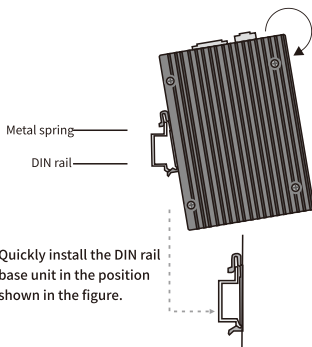
Product supporting list



DIN rail and wall mounting

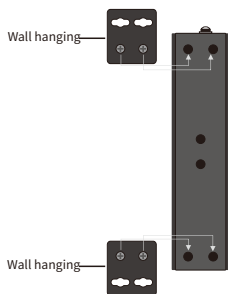
DIN rail mounting

① Insert the top of the DIN rail into the notch under the rigid metal spring.

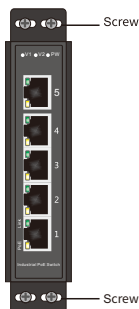


Wall mounted installation

① Install the wall mounted panel on the switch



② Fix the switch vertically to the wall with screws



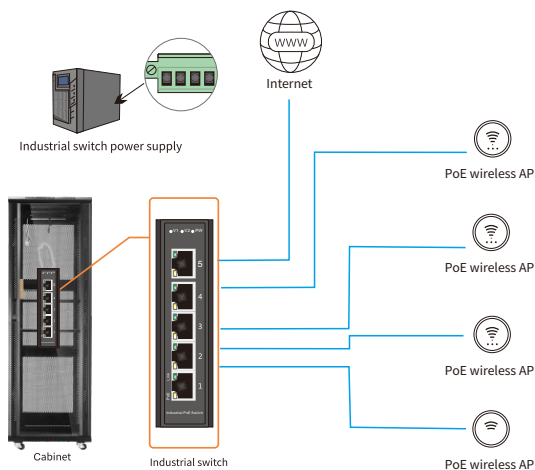
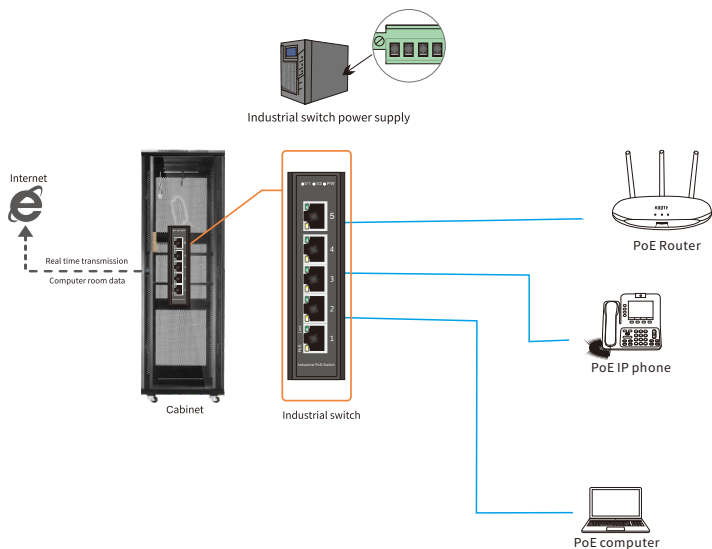
Matters needing attention

1. Please read the instructions carefully before using the machine. Improper operation may cause damage to machine components.
2. Do not use in places near the fire source.
3. Do not put the product into water or wet the built-in machine components.
4. Do not short circuit the positive and negative poles of the battery interface with metal conductors.
5. Do not disassemble or unwrap the internal parts of the product. If there is damage, the manufacturer does not implement the insurance provisions.

Application

1. Computer room application

Not only the switch, but also a good assistant in computer room management



Product parameters

model	G500P-5F
port	4*10/100M PoE 1*100M Uplink RJ45
PoE Ports	1 port supports IEEE802.3af/at/poe++/bt, with a maximum power of 90W 2-4 port support for IEEE802.3af/at, up to 30W/port
PoE Pin	af/at: 12+ 36- af/at/poe++/bt: 12+ 45+ 36- 78-
PoE Dog function	support
backplane bandwidth	1Gbps
Packet forwarding rate	0.74Mpps
MAC	1K
Packet forwarding cache	768K
Twisted pair transmission	10 Mbps: Cat3,4,5 UTP (= 250 meters) 100 Mbps: Cat5 or later UTP (150 meters)
LED indicator	PW: Power indicator light Uplink port: 10/100M connection indicator light PoE port: Orange PoE indicator light, green network connection indicator light V1: Main power indicator light V2: Slave power indicator light
Power	3 sets of independent power inputs SW: DC 12-57V
Degree of protection	6KV 8/20us; IP30
Operating temperature / humidity	-40~+80°C;10%~90% RH No condensation
Storage temperature / humidity	-40~+85°C;5%~95% RHR No condensation
Product / package size(L*W*H)	105mm*90mm*36mm 200mm*130mm*40mm
Net weight / Gross weight (kg)	0.5kg/0.6kg
Installation method	DIN rail type (wall mounted lugs are also included)
Authentication	3C; CE-EMC EN55032; CE-LVD EN62368; FCC Part 15 Class B; RoHS;
Warranty period	Complete machine 1 year (excluding accessories)

Matters needing attention

To avoid equipment damage and personal injury caused by improper use, please follow the following precautions:

- During installation, keep the power off, wear anti-static wrist, and ensure that the anti-static wrist is in good contact with the skin to avoid potential damage. Potential safety hazards in;
- The switch can work normally only under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch;
- Before the switch is powered on, please make sure that the power circuit will not be overloaded, so as not to affect the normal operation of the switch or even cause unnecessary damage;
- In order to avoid the risk of electric shock, do not open the shell when the switch is working, and do not open it by yourself even when it is not charged;
- Before cleaning the switch, pull out the power plug of the switch. Do not wipe it with wet fabric or clean it with liquid;
- The equipment installed in the rack is generally from bottom to top to avoid overload installation;
- Avoid placing other heavy objects on the surface of the switch to avoid accidents.