

Industrial

Ethernet PoE Switch

➤ user's manual

G500P-5F



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.

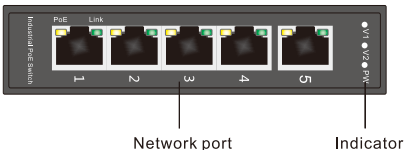
Product characteristics

- ◆ 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

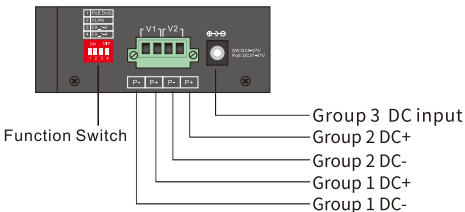
Product display and description

G500P-5F, 4*10/100M PoE+1*10/100M Uplink RJ45

Front



Side



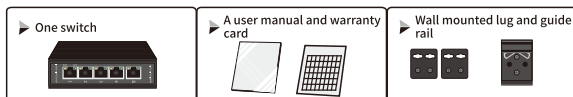
Indicator definition

| 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 |

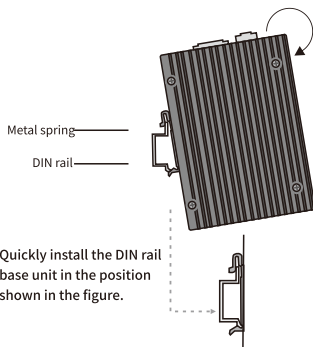
Product supporting list



DIN rail and wall mounting

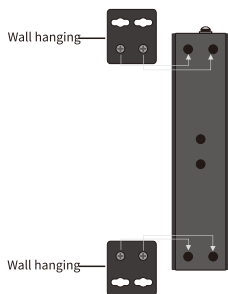
DIN rail mounting

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

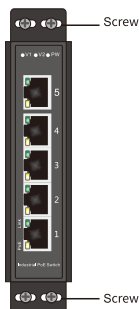


Wall mounted installation

① Install the wall mounted panel on the switch



② Fix the switch vertically to the wall with screws



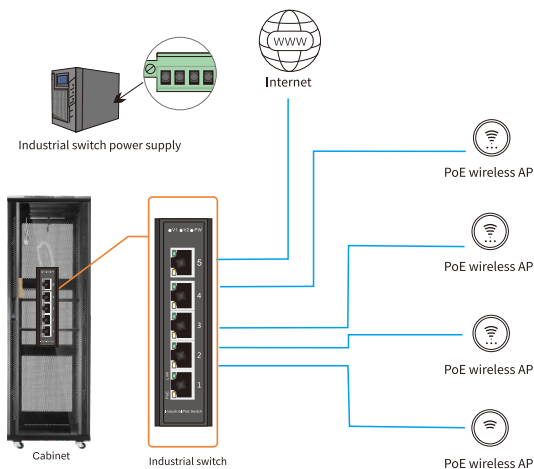
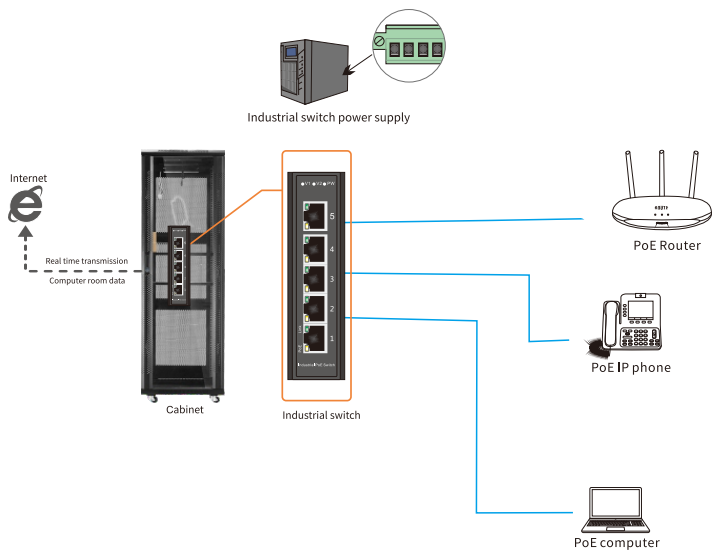
Matters needing attention

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.

PS: We will try our best to check the errors in the printing and pictures, but hasivo will not be responsible for any possible omissions. The appearance, specifications, parameters, prices and supply conditions of the products listed on this page are subject to change without notice.

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