hasivo®

Indudstrial

Ethernet Switch

user's manual

G500-1G-1S

hasivo sichuan

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.

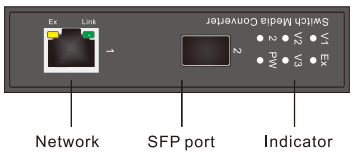
Product characteristics

- Lightning protection up to 6KV
- ESD static protection up to 8KV
- Support industrial grade working temperature: -40℃~80 ℃
- Support industrial grade working humidity: 10%~90% RH without condensation

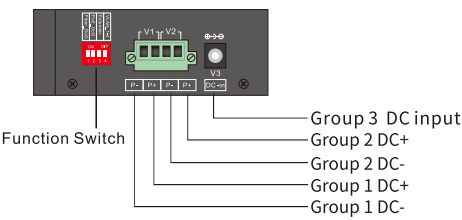
Product display and description

G500-1G-1S，1*10/100/1000M RJ45+1*1000M SFP

Front



Side



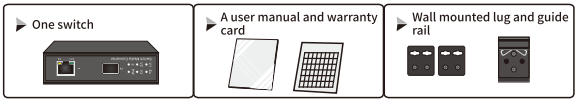
Indicator definition

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
DC power indicator: V3	on	DC power on
	off	DC power off
Network indicator:1	green on	The corresponding port works at 10/100M speed
	orange on	The corresponding port works at 1000M speed
SFP port indicator:2	on	SFP on
	off	SFP off

Function switch definition

1	Optical watchdog function, restart the port after data crash when enabled
2	
3	Ultra far mode switch, port 10M mode
4	Open ports 1 to prohibit communication, and only communicate with the uplink port

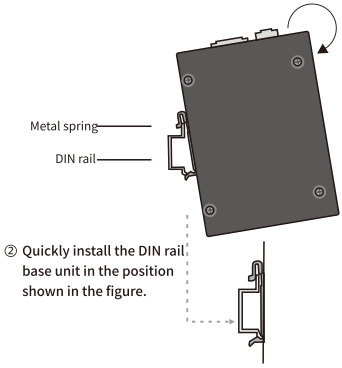
Product supporting list



DIN rail and wall mounting

DIN rail mounting

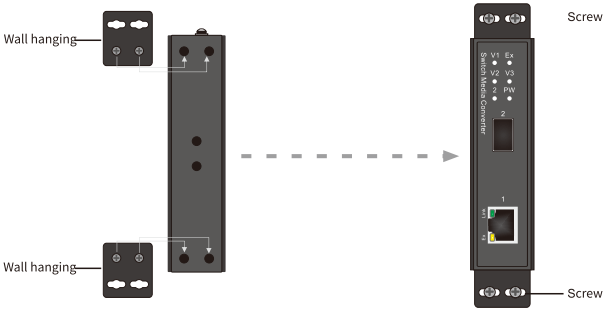
① Insert the top of the DIN rail into the notch under the rigid metal spring.



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.

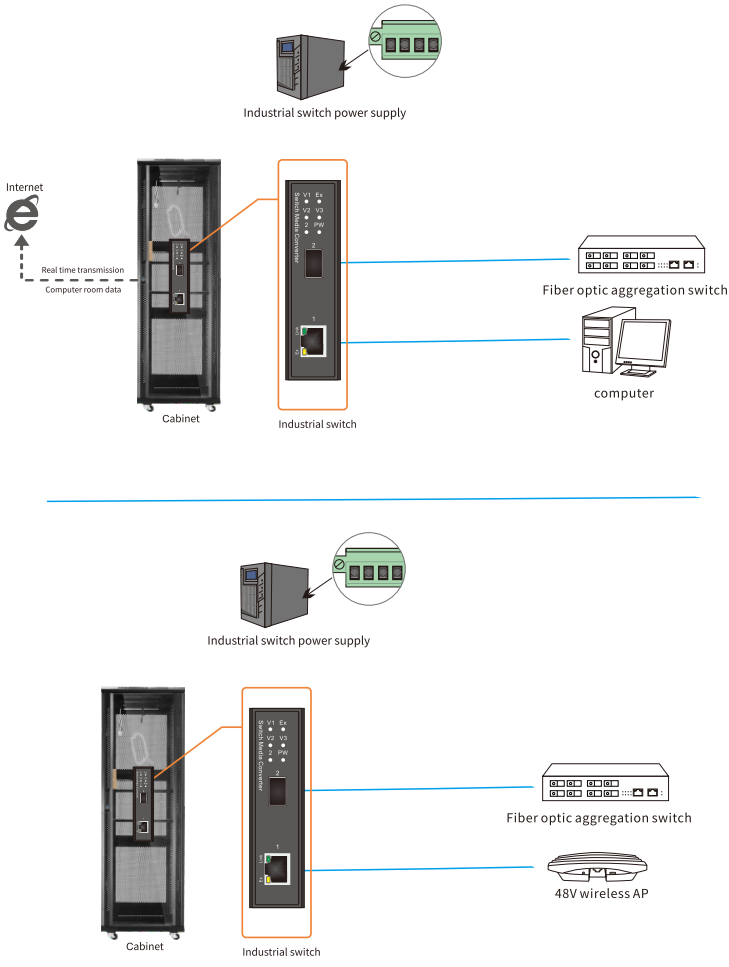
4.Do not short circuit the positive and negative poles of the battery interface with metal conductors.

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	G500-1G-1S
port	1 * 10/100/1000M RJ45 1 * 1000M SFP
backplane bandwidth	2Gbps
Packet forwarding rate	2.98Mpps
MAC	2K
Packet forwarding cache	2.5M
Twisted pair transmission	10 Mbps: Cat3,4,5 UTP (= 250 meters) 100 Mbps: Cat5 or later UTP (150 meters) 1000 Mbps: Cat6 or later UTP (150 meters) SFP: Supports 1000M single mode multimode optical modules, with a maximum distance of = 120km (depending on the optical module)
LED indicator	PW: Power indicator light EX: Expansion indicator light Port: Green_ 10M network connection indicator light green+orange_ 100M network connection indicator light 2: Fiber optic connection indicator light V1: Main power indicator light V2: Slave power indicator light V3: DC 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)	100mm*86mm*30mm 200mm*130mm*40mm
Net weight / Gross weight (kg)	0.3kg/0.4kg
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 damagePotential 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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