

# Industrial Grade Ethernet Switch

➤ User 'smanual

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industrial 4FE+1FE/4FE PoE+1FE

## Product introduction

Industrial grade switch series, with industrial grade performance characteristics, can withstand harsh working environment. With rich product series and flexible port configuration, it can meet the needs of various industrial fields. Use demand. Meet the complex, high-density and intelligent management of factories and mines, industrial automation, transportation, infrastructure, ports and farms, and can be widely used in various networks.

### Product characteristics

- ◆ Lightning protection up to 6KV
- ◆ ESD electrostatic protection up to 8KV
- ◆ Support industrial working temperature: - 40 ? ~ 80 ?;
- ◆ Supporting industrial grade working humidity: 10% ~ 90% RH, no condensation
- ◆ Support 802.3af/at power supply
- ◆ Support wide voltage input: 12-57V (SW) / 37-57V (PoE)
- ◆ Unique advanced PoE watchdog function (PoE only)

### Product display and description

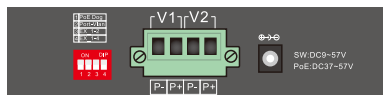
industrial 4FE, 4\*10/100M RJ45



LED indicator

Network port

side



Function switch

Group 3 DC input  
Group 2 DC+  
Group 2 DC-  
Group 1 DC+  
Group 1 DC-

PoE-Dog	The PoE port watchdog is turned on, and the port restarts after the port data crashes
VLAN	Open ports 1-4 to prohibit communication, and only communicate with the uplink port
Ex_1-2	After opening, the speed of 1-2 ports is 10m, and the distance can be transmitted for 250m
Ex_1-4	After opening, the speed of 1-4 ports is 10m, and the distance can be transmitted for 250m

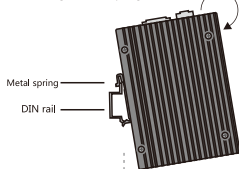
## Indicator definition Power / system indicator

Front indicator		state	Description
Group 1 direct input(P1)		Chang Liang	In normal operation
		Constant extinction	Not powered on
Group 2 direct input(P2)		Chang Liang	In normal operation
		Constant extinction	Not powered on
Group 3 direct input(PW)		Chang Liang	In normal operation
		Constant extinction	Not powered on
Network port indicator	Giga-orange	Chang Liang	PoE open
		Constant extinction	PoE close
	Link-green	Chang Liang	Corresponding port data communication
		Constant extinction	The corresponding port data is not connected

## DIN rail and wall mounting

### DIN rail mounting

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

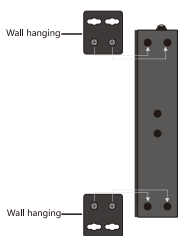


- ② Quickly install the DIN rail base unit in the position shown in the figure



### 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 operation manual carefully before use. 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.

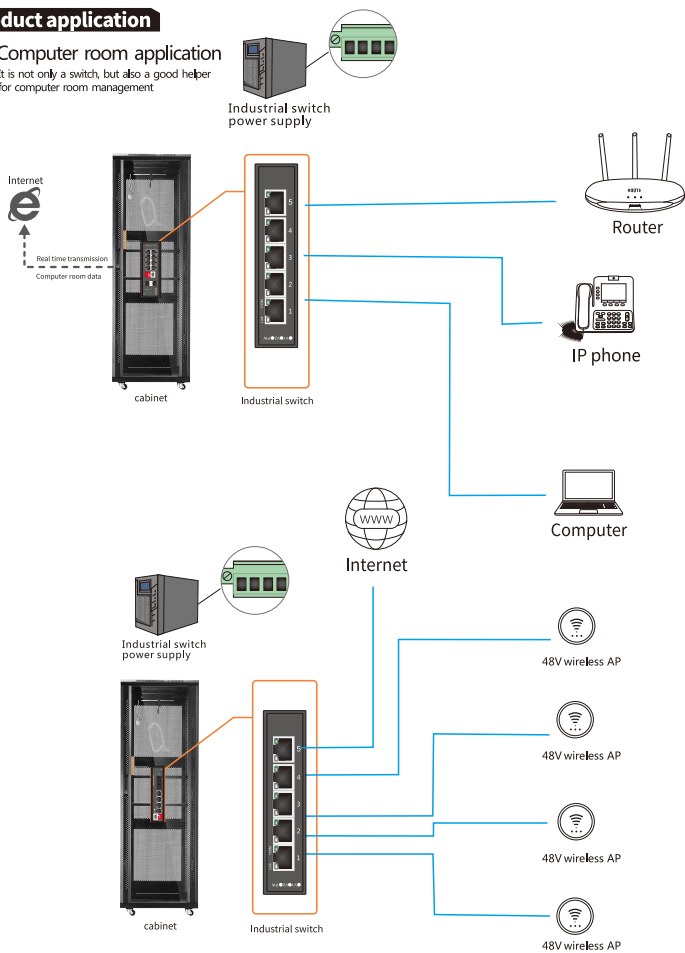
## Product supporting list

<p>► One switch</p> 	<p>► A user manual and warranty card</p> 	<p>► Wall mounted lug and guide rail</p> 
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## Product application

### 1. Computer room application

It is not only a switch, but also a good helper for computer room management



Adapt to harsh environment

## Product parameters

Model	industrial 4FE+1FE/4FE PoE+1FE
Upstream port	1个10/100Base-TX RJ45□ (Data)
Downlink port	4个10/100Base-TX RJ45□ (Data)
Network protocol	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX
PoEStandard	802.3AF/AT
Network port characteristics	10/100BaseT ( X ) Auto
Forwarding mode	Store and forward (full line speed)
Backplane bandwidth	1Gbps
Packet forwarding rate	0.72Mpps
MAC address table	1K
Packet forwarding cache	768K
Twisted pair transmission	10BASE-T : Cat3,4,5 UTP(=250 meter) 100BASE-TX : Cat5 or later UTP(150 meter)
Power waste	Standby Power Consumption : =3W ;
LED indicator light	Link port (Green / network indicator) port (Green / network indicator; Orange / POE indicator) PWR:Power indicator P1:Main power indicator P2:Slave power indicator
Power input	2 sets of independent power input SW:DC12-57V;PoE:DC37-57V
Degree of protection	Port lightning protection:6KV8/20us;8KVESDElectrostatic protection;Degree of protection:IP40
Operating temperature / humidity	-40~+80°C; 10%~90%RH no condensation
Storage temperature / humidity	-40~+85°C; 5%~95%RH no condensation
Product size	100mm*100mm*35mm (L*W*H)
Net weight (kg)	0.5kg
Installation mode	DIN rail type (another wall mounting lug)
Warranty period	Complete machine 1 year (excluding accessories)