

Industrial 4-Port Gigabit 2-Port Gigabit SFP L2 Managed Ethernet Switch
Industrial 8-Port Gigabit 4-Port Gigabit SFP L2 Managed Ethernet Switch
Industrial 4-Port Gigabit PoE+ 2-Port Gigabit SFP L2 Managed Ethernet Switch
Industrial 8-Port Gigabit PoE+ 4-Port Gigabit SFP L2 Managed Ethernet Switch
Quick Installation Guide

Packing List

Please check the following items after unpacking, if any missing, please contact your local dealer.

Items	Quantity
Switch	1 pc
Mounting Accessory	1 set
Power Adapter(Optional)	1 pc
Quick Installation Guide	1 pc

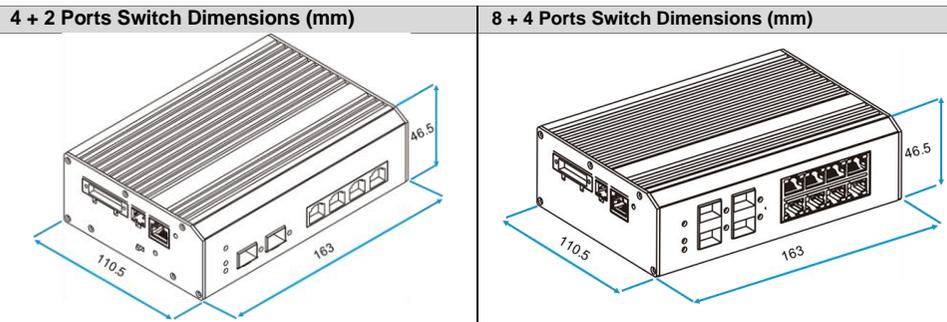
Product Overview

This series contains 4 types:

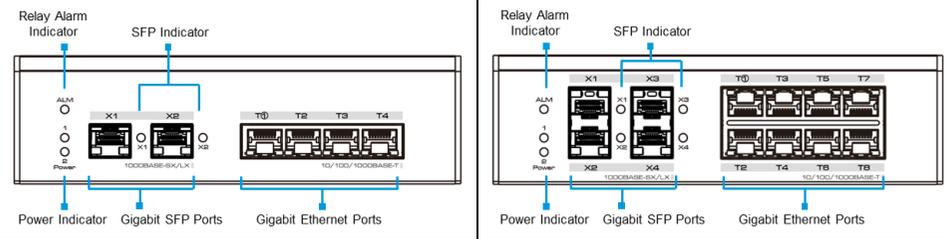
- Industrial 4-Port Gigabit 2-Port Gigabit SFP L2 Managed Ethernet Switch
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This series switch provides 4/8 Gigabit Ethernet RJ-45 ports and 2/4 Gigabit SFP uplink ports. The PoE types meet IEEE 802.3af/at standard. All RJ-45 ports support Power-over-Ethernet (PoE+). Port 1 delivers 60W and the other RJ-45 ports delivers 30W power per port. The function can be configured via software. This series switch has extensive L2 management functions, such as 802.1Q VLAN, 802.1p QoS, STP/RSTP, Link aggregation and DHCP. It can be easily managed via a WEB GUI (http/https), CLI (telnet/ssh/console) or SNMP.

Appearance and Dimensions

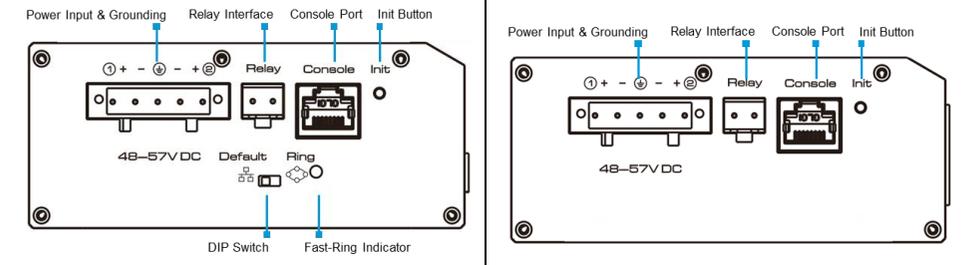


Front Panel



Industrial Gigabit L2 Managed Ethernet Switch

Side Panel



Indicator

Indicator		Status	Description
Power1/Power2	Power supply indicator	Solid On	Power supply is on.
		Off	Power supply is off.
ALM	Alarm indicator	Solid On	The device alarms.
		Off	The device is working normally.

DIP Switch

The support supports 2 working modes through DIP switch.

Mode	Description
Default	Default mode: disable Fast Ring function.
Ring	Ring mode: Enable Fast Ring on X1~X2 SFP ports.

Factory Settings

The switch starts with its factory settings:

Items	Specifications
Console Port	Baud rate: 115200 bit/s
	Flow control: None
	Parity: None
	Stop bits: 1 Data bits: 8
Web Manager	Default static IP address/subnet mask: 192.168.1.200/255.255.255.0 User/Password: admin/admin

Init Button

The init button has two operating modes:

- By short pressing the button, the switch will be reset and the configuration is as previous setting saved.
- By pressing the button over 5s, the switch will be restored to the original factory default setting.

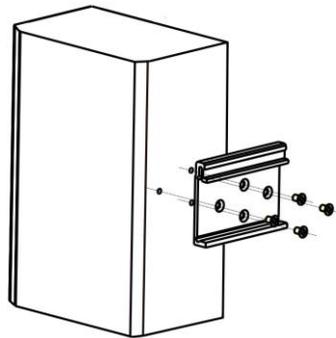
Caution

- Power on the system only after confirming that the wiring is correct, to avoid damage to the equipment. It is recommended to use the power adapter and power cable to in the package to connect the power supply.
- For better transmission performance, it is recommended to use high-performance Ethernet cable to connect the switch and powered devices.
- For better protection performance, it is recommended always to make the ground connection first and disconnect it at the end when operating the device.
- Before operating or maintaining the switch, please read the user manual carefully to avoid equipment damage caused by misoperation.

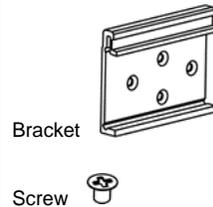
Product Installation

- 1) Before installation, power off the equipment. Installation when device is powered on is prohibited.
- 2) The switch supports rack/desktop/wall mounted installation. Following with the rack-mounted installation steps:

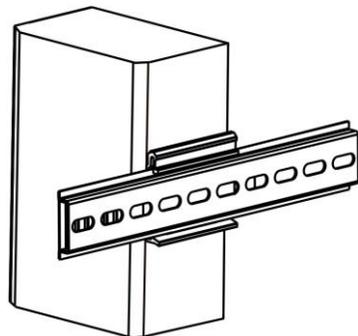
Step 1: Fix the bracket to the backside of the device with screws.



Accessories



Step 2: Install the device to the DIN rail.



- 3) After step 2) is completed, please use high-performance Ethernet cable to connect the switch and the device.
- 4) Check the installation and the wiring, after confirming that the connection is correct and reliable, power on the switch.

The installation is completed.

Specifications

Items	4 + 2 Ports Switch	8 + 4 Ports Switch
Hardware Specifications		
Downlink Ports	4*10/100/1000Base-T RJ-45 (Auto-MDI/MDI-X)	8*10/100/1000Base-T RJ-45 (Auto-MDI/MDI-X)
Uplink Ports	2*1000Base-X SFP	4*1000Base-X SFP
Console Port	1*RS-232 console port(115200,8,N,1)	
Alarm Output	1*Relay	
LED Indicators	2*Power indicators 1*Alarm indicator 2*SFP port indicators 4*Port Link/ACT indicators 4*PoE indicators(For PoE type only) 1*Fast Ring indicator	2*Power indicators 1*Alarm indicator 4*SFP port indicators 8*Port Link/ACT indicators 8*PoE indicators(For PoE type only)
Init Button	Short press to restart, Long press >5s to initialize the system	
DIP Switch	Default mode: Disable Fast Ring function Ring mode: Enable Fast Ring on X1~2 SFP ports	N/A
Input Voltage	48~57V DC	
Power Consumption	≤20W (Full load, not including PoE)	≤30W (Full load, not including PoE)
Dimensions(W*D*H)	163mm*110.5mm*46.5mm	
Material	Metal shell	
Installation	DIN-rail/wall mounted/desktop	
Switch Property		
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3ad, IEEE 802.1D, IEEE 802.1X	
Forwarding Modes	Store and Forward	
Packet Buffer	4Mbit	
MAC Table	8k	
Switching Capacity	12Gbps/non-blocking	24Gbps/non-blocking
Packet Forwarding Rate	8.9Mpps	17.9Mpps
Jumbo Frame	10k bytes	
Reliability		
Surge Immunity	6kV, Standard: IEC6000-4-5	
ESD Protection	6kV Contact Discharge, 8kV Air Discharge, Standard:IEC61000-4-2	8kV Contact Discharge,15kV Air Discharge, Standard:IEC61000-4-2
Operating Temperature	-40°C ~75°C	
Storage Temperature	-40°C ~85°C	
Operating Humidity	5%~95%(Non-condensation)	
PoE	4 + 2 Ports PoE Switch	8 + 4 Ports PoE Switch
PoE Standard	IEEE 802.3af/at(PSE)	
PoE Supply Type	End-span	
PoE Pin Assignment	1/2(+),3/6(-)	
PoE Budget	60W PoE for port 1, 30W PoE for other ports	60W PoE for port 1, 30W PoE for other ports

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