Industrial 4-Port Gigabit 2-Port Gigabit SFP 2-Port Gigabit RJ-45 (1-Port Gigabit Combo) Ethernet Switch
Industrial 4-Port Gigabit PoE+ 2-Port Gigabit SFP 2-Port Gigabit RJ-45 (1-Port Gigabit Combo) Ethernet Switch
Industrial 1-Port Gigabit HPoE 3-Port Gigabit PoE+ 2-Port Gigabit SFP 2-Port Gigabit RJ-45 (1-Port Gigabit Combo) Ethernet Switch

Quick Installation Guide

Packing List

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

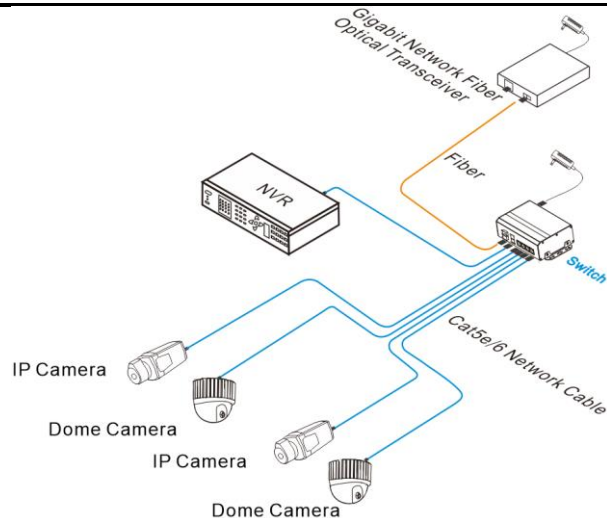| Items	Quantity
Switch	1 pc
Power Adapter (optional)	1 pc
Mounting Accessory	1 set
Quick Installation Guide	1 pc

Product Overview

This series contains these types as follow:

- Industrial 4-Port Gigabit 2-Port Gigabit SFP 2-Port Gigabit RJ-45 (1-Port Gigabit Combo) Ethernet Switch
- Industrial 4-Port Gigabit PoE+ 2-Port Gigabit SFP 2-Port Gigabit RJ-45 (1-Port Gigabit Combo) Ethernet Switch
- Industrial 1-Port Gigabit HPoE 3-Port Gigabit PoE+ 2-Port Gigabit SFP 2-Port Gigabit RJ-45 (1-Port Gigabit Combo) Ethernet Switch

This series switches provide 4*1000M Ethernet RJ-45 downlink ports, 2*1000M Ethernet SFP and 2*1000M Ethernet RJ-45(1*1000M RJ45/SFP combo port) uplink port. All RJ-45 downlink ports support Power-over-Ethernet (PoE), Industrial 4-Port Gigabit PoE+ 2-Port Gigabit SFP 2-Port Gigabit RJ-45 (1-Port Gigabit Combo) Ethernet Switch deliver up to 30W power per port. Industrial 1-Port Gigabit HPoE 3-Port Gigabit PoE+ 2-Port Gigabit SFP 2-Port Gigabit RJ-45 (1-Port Gigabit Combo) Ethernet Switch port 1 delivers 60W and the other RJ-45 ports delivers 30W power per port.
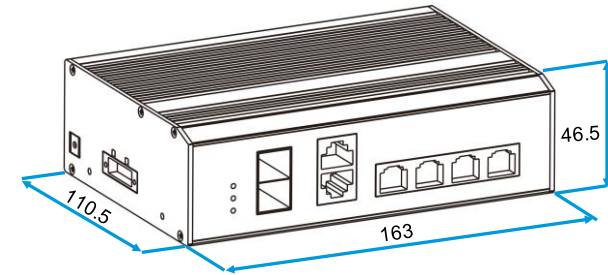
It is easy to use, Plug-and-Play, can be widely used in video security monitoring system, network project, etc.
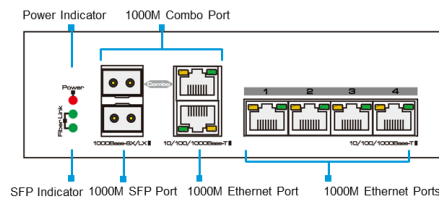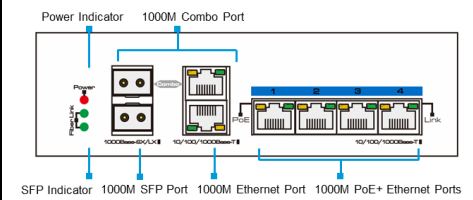
Application
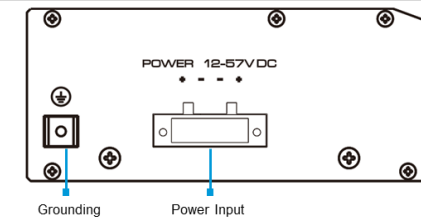
Appearance and Dimensions

Dimensions (mm)

46.5
110.5
163

Non PoE Switch Front Panel

Power Indicator   1000M Combo Port

SFP Indicator   1000M SFP Port   1000M Ethernet Port   1000M Ethernet Ports

PoE Switch Front Panel

Power Indicator   1000M Combo Port

SFP Indicator   1000M SFP Port   1000M Ethernet Port   1000M PoE+ Ethernet Ports

Non PoE Switch Side Panel

POWER 12-57VDC

Grounding   Power Input

PoE Switch Side Panel

POWER 48–57VDC

Grounding   Power Input
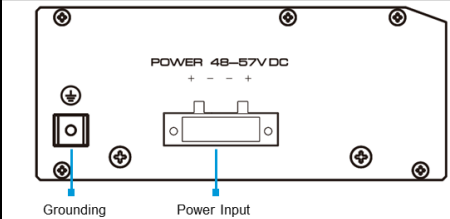
Indicator

Indicator		Color	Status	Description
Power	Power indicator	Red	Solid On	Power supply is on.
			Off	Power supply is off.
Fiber Link	SFP port indicator	Green	Solid On	The port is linking normally.
			Blink	The port is transferring data.
			Off	The port is not connected.

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 a: Fix the bracket to the backside of the device with screws.	Accessories
	Bracket Screw
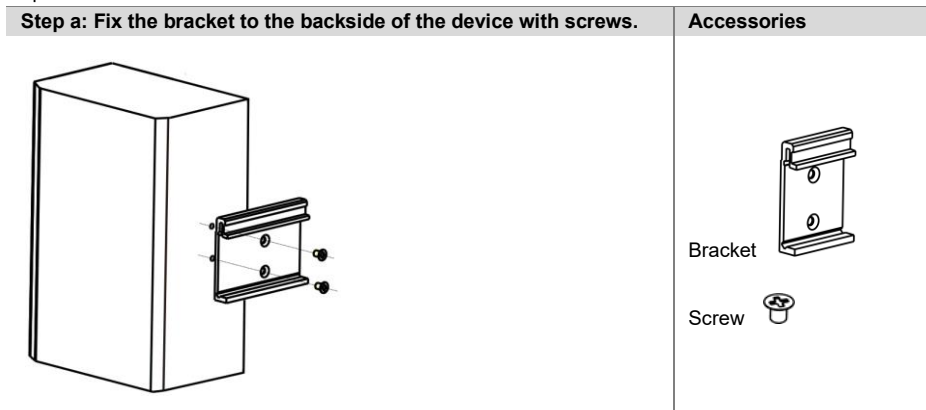
Step b: Install the device to the DIN rail.
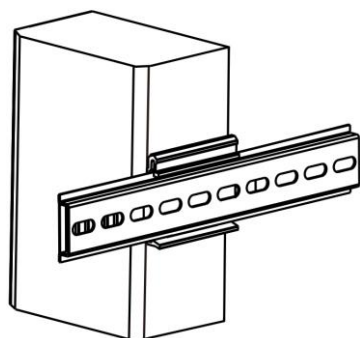
3) After above steps is completed, please use high-performance Ethernet cable to connect the switch and the device.
4) Check the installation and the wiring, after confirming that the connection is correct and reliable, power on the switch.

The installation is completed.

Specifications

Items	
Hardware Specifications	
Downlink Port	4*10/100/1000Base-T RJ-45(Auto-MDI/MDI-X)
Uplink Port	1*1000M RJ-45/SFP Combo 1*10/100/1000Base-T RJ-45(Auto-MDI/MDI-X) 1*10/100/1000Base-X SFP
LED Indicators	1*Power, power indicator
	2*Fiber Link, SFP port indicators
Dimensions (W*D*H)	163mm*110.5mm*46.5mm
Input Voltage	Non PoE switch: 12~57V DC PoE switch: 48~57V DC
Power Consumption	≤6W (Full load without PoE)
Material	Metal shell
Installation	DIN-rail/Desktop/Wall mounted
Switch Property	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z
Forwarding Modes	Store and Forward
MAC Table	8k, support auto learning
Switching Capacity	14Gbps/non-blocking
Packet Forwarding Rate	10.42Mpps
Packet Buffer	1M
Jumbo Frame	10k Bytes
Reliability	
Surge Immunity	6kV, Standard: IEC6000-4-5
ESD Protection	6kV Contact Discharge, 8kV Air Discharge, standard: IEC61000-4-2
Operating	-40℃~75℃, 5%~95% (Non-condensation)
Storage	-40℃~85℃, 5%~95% (Non-condensation)
Power Supply	4-Port PoE+ Switch	1-Port HPoE 3-Port PoE+ Switch
PoE Standard	IEEE 802.3af/at(PSE)	
PoE Power Supply Type	End-span	
PoE Pin Assignment	1/2 (+),3/6 (-)	
PoE Budget	30W max for each port	60W PoE for port 1, 30W PoE for other ports