

Installation Precautions

To ensure the normal operation and service life of the switch, observe the following precautions.

- Please install it in a well-ventilated room. Do not block the vents of the equipment.
- Do not place and install the switch in direct sunlight or near a heating device. Allow enough space (more than 10cm) to allow the device to dissipate heat properly.
- Do not install the device in a place exposed to moisture, dust, or soot.
- Please keep the equipment horizontally installed or installed in a stable place, and take care to prevent the product from falling.
- Do not place heavy objects on the device.
- Do not dribble or spill liquid on the device, and ensure that no liquid filled items can be placed on the device to prevent liquid from flowing into the device.
- The interface cables of the device must be routed indoors and outdoors cables must not be routed to prevent overvoltage and overcurrent caused by lightning.
- Please use the power adapter supplied with the product. Do not use other non-supported products. The grid voltage must meet the input voltage range of the dedicated power adapter.
- Do not disassemble the device at will.
- Please transport, use and store the equipment within the allowable humidity and temperature range.

Connection cable

- ① Connect one end of the network cable to the switch port and the other end to a computer or other network device.
Note: Please connect all the computers or network devices to be connected to the switch before connecting the power adapter.
- ② Connect the supplied power cord and adapter. Connect the other end of the adapter to the switch and plug it into an external AC power outlet.
- ③ Power on the device connected to the switch. The corresponding indicator will light up. The installation is complete.

Specifications

Item		RT812 Series description	RT811 Series description	RT412 Series description
Power	Power Adapter Voltage	Input : 110-240V/AC 50-60Hz 5 Output : 48V-52V/DC		
	Overload protection	100W		60W
Protection level		Mould : +4KV Differential mode : +-1KV		
Network Connector	Network Port	1~8 port :10/100Mbps PoE Ethernet LAN port.		1~4 □ :10/100Mbps PoE Ethernet LAN port.
	Network Port	WAN1/WAN2 port : 10/100/1000Mbps Ethernet WAN port	WAN port: 10/100Mbps Ethernet WAN port	WANport:10/100Mbps Ethernet WAN port
	Transmission Distance	1~8 □: 100m	1~8 □: 100m	1~4 □: 100m

	Transmission Distance	WAN1/WAN2 port: 100m	WAN: 100m	Extend switch is default OFF state (1~4 port) : 100m Extend switch is ON state(1~4 port): 250m
	Transmission Medium	Cat5/5e/6 standard network cable		
Network Switch	Network Standard	IEEE802.3/10BASE-T		
		IEEE802.3u/100BASE-TX		
		IEEE802.3x Flow Control, IEEE802.3az		IEEE802.3x Flow Control IEEE802.3af
	Maximum Frame Size	1536 Bytes		
	MAC address list	2K		
	Backplane bandwidth	1Gbps		
Power Over Ethernet	PoE Standard	IEEE802.3af/at		IEEE802.3af
	PoE Power Supply Type	End-Span(4/5+;7/8-)		
LED Status Indicator	PoE Ethernet	When the PoE is powered, 1-8 LEDs are green		When the PoE power supply is used, 1-4 LEDs are green
		When accessing Ethernet, ports 1-8 are yellow		1-4 ports are yellow when Ethernet is connected
Environmental	Working temperature	0°C~55°C		
	Storage temperature	-40°C~70°C		
	Working humidity	10%-90% non-condensing		
	Storage humidity	5%-95% non-condensing		
Mechanical	Dimension (L x W x H) mm	200*118*40	197*73.5*29	132*66*32
	Material	SECC		
	Color	Dark grey		
Stability	MTBF	>30000h		

POE

Quick Operation Guide

Power over Ethernet Switch

RT812 series
RT811 series
RT412 series

Thank you for using our PoE Switch products, please read this manual carefully before use.
Related tools and documents of products, please download from www.herospeed.net.

Statement

Thank you for using our products, please read this manual carefully before use. This manual is applicable to RT812 series, RT811 series, RT412 series Power over Ethernet Switch. It is an unmanaged Ethernet power supply switch and can be used without any configuration. The Company will update the content of this manual according to the enhancement of product features. The updated content will be added in the new version of this manual without notice. If there is manual description of the product does not match with the physical, all in kind prevail.

Packing List

Open the box, there should be some accessories inside the box:
RT812 series/ RT811 series/ RT412 series switches - 1 sets
Dedicated power adapter*1
Dedicated power cord (conventional national power cord) *1
Quick Operation Guide*1
If you find any damage or shortage of parts, please contact your local dealer or seller.

Product appearance description

① RT812 Series



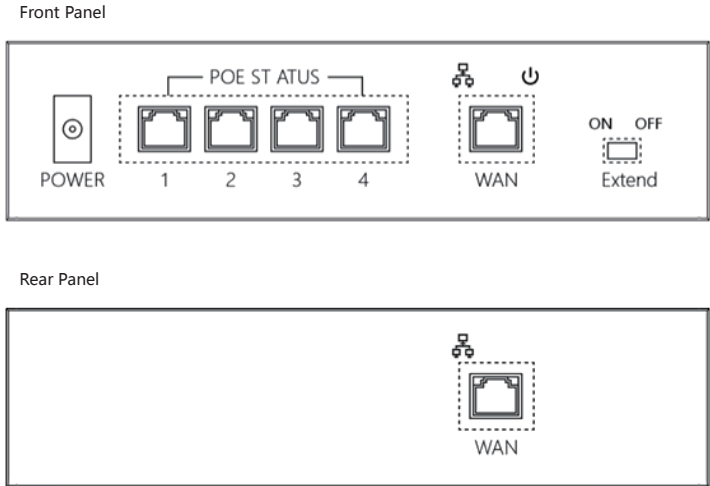
- The front panel has 10 network ports:
1~8 ports: 10/100Mbps PoE Ethernet ports;
9~10 ports: WAN1/WAN2 port: 10/100M/1000Mbps Ethernet port;
- LED status indicator :
1~8 ports indicator green: The switch provides PoE power.
1~8 ports indicator orange: The switch only accesses Ethernet.

② RT811 Series



- The front panel has 9 network ports:
1~8 ports: 10/100Mbps PoE Ethernet ports;
9 port (WAN port): 10/100Mbps Ethernet port;
- LED status indicator :
1~8 ports indicator green: The switch provides PoE power.
1~8 ports indicator orange: The switch only accesses Ethernet.

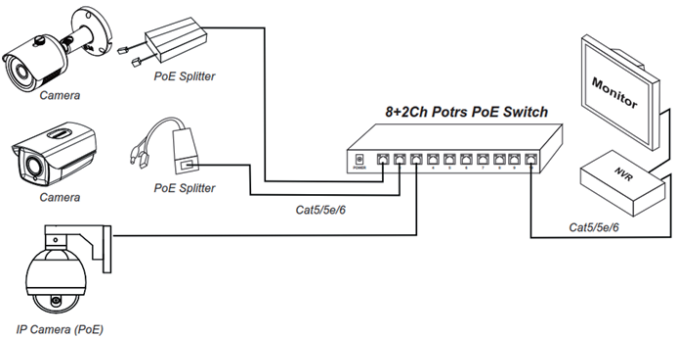
③ RT412 Series



- The front panel has 5 network ports:
- The rear panel has 1 network ports:
1~4 ports: 10/100Mbps PoE Ethernet ports;
5 port (WAN port on the front panel): 10/100M/1000Mbps Ethernet port;
6 port (WAN port on the rear panel): 10/100M/1000Mbps Ethernet port;
- LED status indicator :
1~4 ports indicator green: The switch provides PoE power.
1~4 ports indicator orange: The switch only accesses Ethernet.

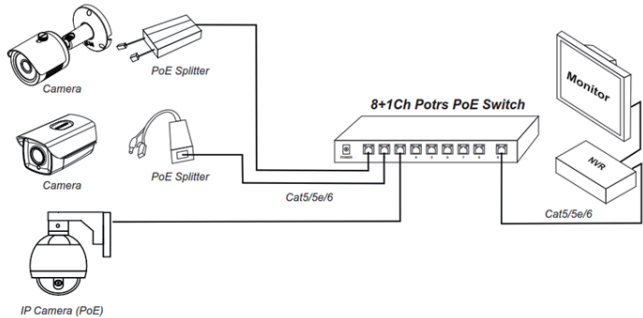
Installation application diagram

① RT812 Series



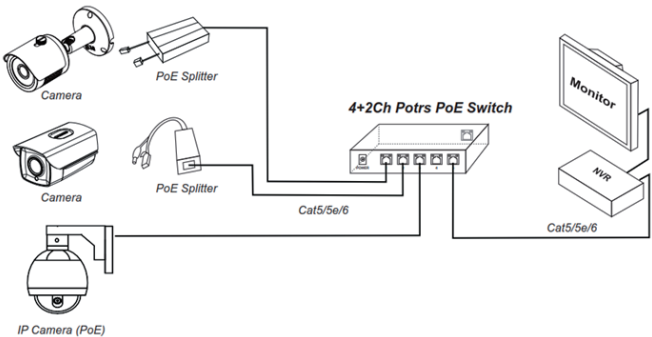
Note: The picture is for reference only; the final product shall prevail in kind.

② RT811 Series



Note: The picture is for reference only; the final product shall prevail in kind.

③ RT412 Series



Note: The picture is for reference only; the final product shall prevail in kind.