

Statement

Thank you for using our products, please contact us with any questions or needs.

This manual is for RT2418 series switches. It is a network management type PoE switch. You can log in to the computer to configure the switch related functions. It can also be used as a normal switch without any configuration. It will be updated subjected to product's updating new version will be not noticed specifically.

If this manual's any products description not accord with the real products, please in kind prevail.

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 cable supplied with the product. Do not use other non-supported products. The grid voltage must meet the input voltage range of the dedicated power.
- Do not disassemble the device at will.
- Please transport, use and store the equipment within the allowable humidity and temperature range.

Connection Cable

- ① Please connect all the computers or network PoE devices to the switch before connecting the power cable.
- ② Connect the one end of the power cable to the switch and the power plug to the AC power outlet.
- ③ Power on the device connected to the switch. The corresponding indicator will light up. The installation is complete.

Switch Configuration

- ① Set the IP address of the login computer to the same network segment as the switch.
- ② Enter the switch IP in the computer browser → "Enter" to enter the switch login interface, enter the switch user name and password, and click "Login".

NOTE: The switch IP address default is "**192.168.2.1**". The username default is "**admin**" and the password default is "**admin**".

- ③ Enter the functions of the administrator, power supply, VLAN, port count, network, and backup interfaces of the PoE switch.

Packing List

Open the box, there should be some accessories inside the box:

RT2418 series switches - 1 sets

Dedicated power cord (conventional national power cord) *1

Quick Operation Guide*1

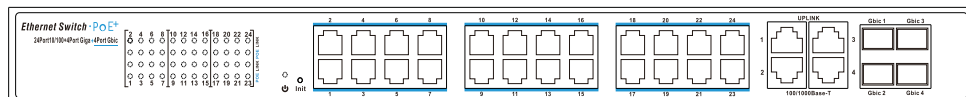
If you find any damage or shortage of parts, please contact your local dealer or seller.

Managed Optical Fiber PoE Switch Quick Start Guide

RT2418 Series

Product appearance description

RT2418 Series Front Panel



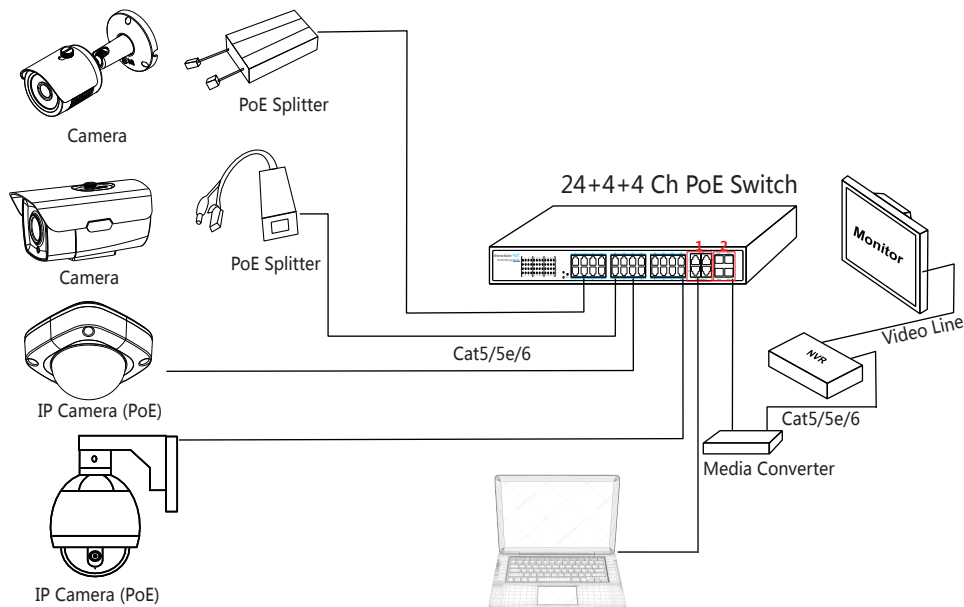
- ◆ The front panel has 28 network ports and 4 fiber ports:
 1~24 ports: 10/100Mbps PoE Ethernet ports;
 25~28 ports: WAN1~WAN4 port: 10/100M/1000Mbps Uplink Ethernet port;
 Gbic1~Gbic4 ports: Fiber1~Fiber4 port.
- ◆ LED status indicator :
 1~24 ports indicator green: The switch provides PoE power.
 1~24 ports indicator orange: The switch only accesses Ethernet.

RT2418 Series Rear Panel



- ◆ The rear panel has a power connector:
 100~240V 50/60Hz AC power supply.

Installation application diagram



Note: When connecting 1 (Gigabit Ethernet port) and 2 (fiber optic) in the above figure, please follow the "two-choice principle".

Specifications

Item		RT2418 Series Description
Power	Power Adapter Voltage	Input 100-240V/AC 50/60Hz
	The maximum power supply machine	440W
Protection level		Lightning protection
		Mould : +/-4KV
		Differential mode : +/-2KV
Network Connector	Network Port	1~24 port :10/100Mbps PoE Ethernet port 25~28 port:10/100/1000Mbps WAN1~WAN4 port
	Transmission Distance	1~24 port: Recommended distance is 100m
	Transmission Medium	Cat5/5e/6 standard network cable / Fiber
Network Switch	Network Standard	IEEE802.3/10BASE-T Ethernet
		IEEE802.3u/100BASE-TX Ethernet
		IEEE802.3ab 1000BASE-T Ethernet
	Maximum Frame Size	1536 Bytes
	MAC address list	2K
PoE Standard	IEEE802.3af/at	
Power Over Ethernet	PoE Power Supply Type	End-Span(4/5+;7/8-)
	PoE Power Consumption	at, (every port)
LED Status Indicator	PoE Ethernet	PoE: 24 green light indicates that the PoE is power on;
		Ethernet: 24 yellow light indicates that the Ethernet Link and Act;
Environmental	Working temperature	0°C~55°C
	Storage temperature	-40°C~85°C
	Working Humidity	0%-90% non-condensing
	Storage Humidity	0%-95% RH non-condensing
Mechanical	Dimension (L x W x H) mm	441*300*44
	Material	SECC
	Color	Dark gray
Stability	MTBF	>30000h