

# ***GoodTop***

## 10G Uplink PoE Switch User 's manual

---

4\*2.5G PoE RJ45+2\*10GE SFP+

## Product introduction

10G Uplink Ethernet PoE switch. With line speed forwarding capability per port. It has 4\*10/100/1000/2500Mbps PoE RJ45 ports and 2\*10G SFP+ optical ports. This series of switches has good network adaptability for security monitoring, diskless startup and wireless networking.

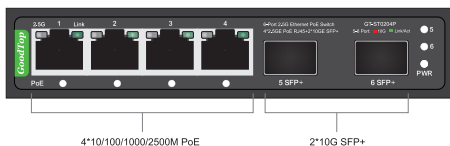
## Characteristic

- ◆ Each port supports MDI/MDIX automatic rollover and duplex/rate self-negotiation.
- ◆ Support IEEE 802.3af/at.
- ◆ Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.
- ◆ Adopt energy-saving technology, and automatically adjust the signal strength by detecting the length of network cable and workload, thus effectively reducing energy consumption.
- ◆ Plug and play, no management.
- ◆ Dynamic LED indicator light, providing simple working status prompt and troubleshooting.

## Product display

GT-ST0204P

4\*10/100/1000/2500M PoE+2\*10G SFP+



Back



DC input

## Indicator definition

Indicator	State		Description
Power indicator:PWR	green	on	power on
		off	power off
PoE indicator:PoE	orange	on	PoE on
		off	PoE off
SFP indicator:5/6	red	off	The corresponding optical port is not working
		on	The corresponding optical port works at 10G speed
		blink	The corresponding optical port works at 10G rate and transmits
	green	on	Corresponding optical port work
		blink	The corresponding optical port works and transmits
		off	Corresponding RJ45 is not working
Network indicator	left orange	on	The corresponding RJ45 works at 2.5G rate
		blink	The corresponding RJ45 works at 2.5G rate and transmits
		off	Corresponding RJ45 is not working
	right green	on	Corresponding to RJ45 work
		blink	Work and transmit corresponding to RJ45
		off	

## Product supporting list



## Installation guide

For the safe installation and operation of the switch,

it is recommended that you:

- → Check whether the AC connector of the power adapter is safely wrapped into the connector and the DC cable is broken.
- → Ensure proper heat dissipation and ventilation around the switch.
- → Never stack heavy objects on the switch.

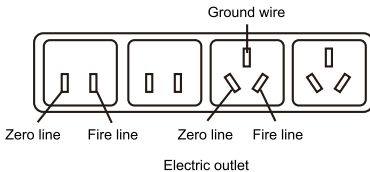
### Install to desktop

When installing the switch on the desktop, the equipment must be placed horizontally on the desktop and Keep it stable Please leave enough space between the equipment and other surrounding objects for ventilation.



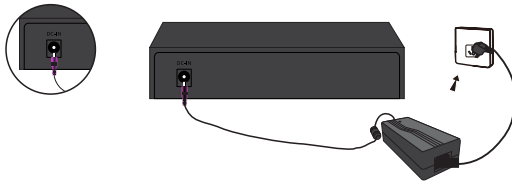
### Power socket specification

The power cord of the switch adopts a single-phase three-wire power socket, the middle pin is a ground wire, the left pin is a zero wire, and the right pin is a live wire. Please check before operation.



### Connect the power cord

1. Check that the selected power supply is consistent with the power supply requirements marked on the switch;
2. External power adapter, directly connected to AC100~240V,50~60Hz mains, DC directly outputs 12V.



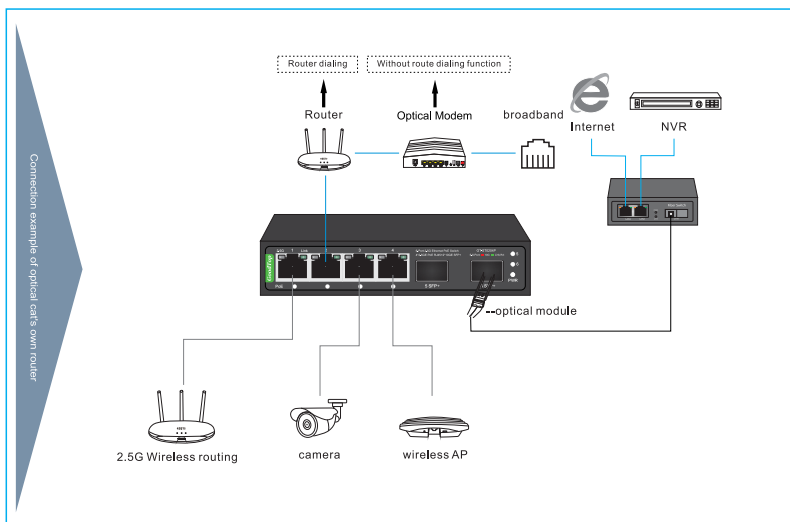
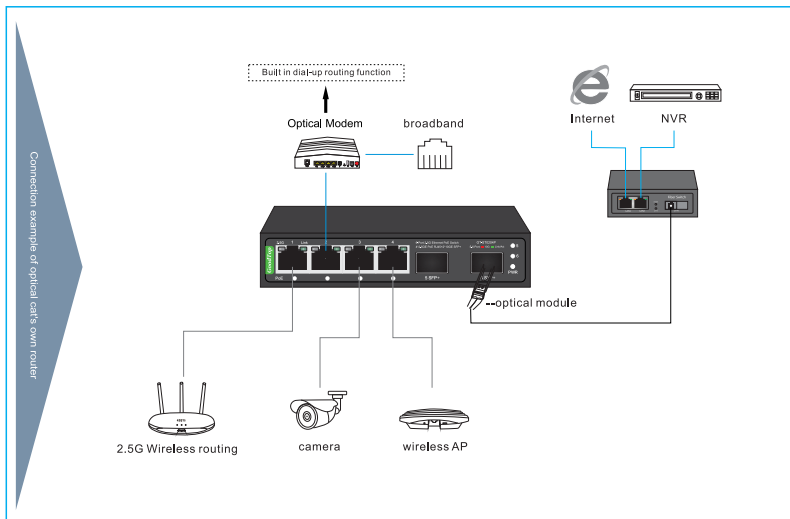
Schematic diagram of power supply connection

### Post installation inspection

Please check the following items after installation:

1. Check if there is sufficient heat dissipation space and smooth air circulation around the switch;
2. Check if the power supply of the power socket meets the specifications of the switch;
3. Check that the power supply, switch, rack, and other equipment are properly grounded;

## Product application



## Technical parameter

Model	GT-ST0204P
Product Name	10G uplink PoE Ethernet Switch
Fixed Port	4*10/100/1000/2500M PoE 1*10G SFP+
PoE Port	1-4 ports: IEEE802.3af/at single port max. 30W Support power protection max 65W
Performance	Store and forward
Bandwidth	60Gbps
Packet Forwarding	44.64Mpps
Network standard	IEEE 802.3, IEEE 802.3i, IEEE802.3u, IEEE 802.3ab, IEEE802.3bz, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Network characteristics	10/100/1000/2500BaseT(X) automatic detection, full/half-duplex MDI/MDI-X adaptive
Forwarding mode	Store and forward (full line speed)
Transmission Distance	10base-T: unshielded twisted pair of Category 3, 4 and 5 (= 250m) 100base-T: unshielded twisted pair of Class 5 and above (100m) 1000base-T: Class 5 and above unshielded twisted pair (100m) 2500base-T: unshielded twisted pair of Class 5 and above (100m) SFP: Support 100M/1G/2.5G/10G single-mode multimode optical modules, with the maximum distance =120km (depending on the optical module)
LED Indicator	PWR: Power indicator (green) Left side of RJ45: 2.5G Link connection transmission indicator (yellow) Right side of RJ45: Link connection transmission indicator (green) 5/6:10G rate connection transmission indicator (red) /Link rate connection transmission indicator (green) Poe: PoE power indicator (orange)
Power consumption	≤2W
Power supply	100-240Vac 50/60Hz 0.8A DC MAX65W(52V1.25A)
Input mode	DC 40-56V (connector 5.5*2.5mm)
Operating Temperature/ Humidity	0°C~40°C,10%~90% RH Non coagulation
Storage Temperature/ Humidity	-40°C~75°C;5%~90% RH Non coagulation
Products size/Packingsize (L*W*H)	131mm*78mm*28mm 206mm*134mm*93mm
N.W/G.W(kg)	0.32kg/0.81kg
Installation	Desktop
Lightning protection level	6KV 8/20us; IP30
Warranty	Whole device for 1 year(Accessories not included)

## Attentions

To avoid equipment damage and personal injury caused by improper use, please follow the precautions as below:

!Keep the status of power-off during installation, and wear anti-static wrist to ensure good contact between anti-static wrist and skin to avoid the hidden danger.

!The switch can only work normally under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch.

!Before switch on, please make sure that it will not cause overload of the power circuit, so as not to affect the normal operation of the switch or even unnecessary damage.

!In order to avoid the danger of electric shock, do not open the shell up when the switch works, even in the case of no live current, do not open.

!Before cleaning the switch, pull out the power plug. Do not wipe it by using wet fabrics or liquid.

!Install device in the rack-mount regularly from top to bottom, incase of over-load installation.

!Don't place other heavy objects on the surface of the switch to avoid accidents.