

# 10G L3 Managed Switch

## ➤ User 's manual

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S1300W-8XGT-2XGT-2S+  
S1300WP-8XGT-2XGT-2S+



## Product introduction

10G L3 Managed Switch, which adopts Realtek new generation high-performance platform; Support flexible 802.1Q VLAN, port monitoring, port convergence, bandwidth control applications and other network management functions, and easily adapt to the current complex network application environment. It is suitable for hotels, campuses, factory dormitories and enterprises to establish economic and efficient networks.

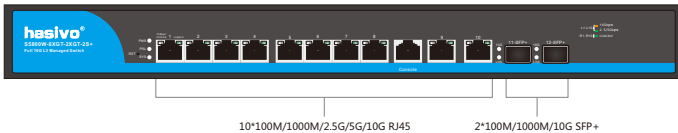
### Characteristic

- Support the combined use of multiple types of ports, which is convenient for users to flexibly network and meet the networking needs of various scenarios.
- Each port supports MDI/MDIX automatic rollover and duplex/rate self-negotiation.
- Support IEEE 802.3af/at/poe+/+/BT.(PoE switches only)
- Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.
- Support IEEE 802.1Q VLAN, and users can flexibly divide VLANs according to their needs.
- Support port monitoring, and copy a data packet of the monitored port to the monitoring port to realize network monitoring.
- Support the management and maintenance of equipment through the Web interface.
- Support port convergence, effectively increase link bandwidth, realize link backup and improve link reliability.

## Product display

S1300W-8XGT-2XGT-2S+

10\*100M/1000M/2.5G/5G/10G RJ45+2\*100M/1000M/10G SFP+

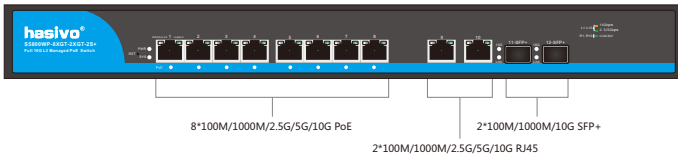


Back



S1300WP-8XGT-2XGT-2S+

8\*100M/1000M/2.5G/5G/10G PoE+2\*100M/1000M/2.5G/5G/10G RJ45+2\*100M/1000M/10G SFP+



Back



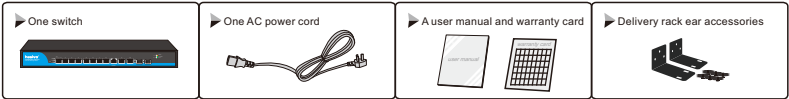
### Network Indicator definition

LED indicator	Left	Right
Orange	When the indicator light turns orange:Transmission rate is 10G	
Green	When the indicator light turns green:Transmission rate is 2.5/5G	When the indicator light turns green:Transmission rate is 10M/100M

## SFP Indicator definition

Indicator	State	Description
Link/Act indicator	on	Corresponding optical port operates at a speed of 10M/100M
10G indicator	on	Corresponding optical port operates at a speed of 10G

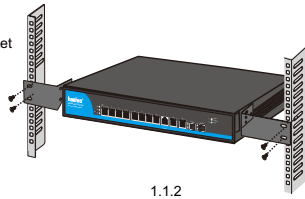
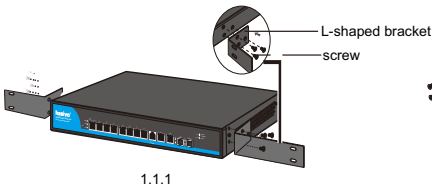
## Product supporting list



## Product Introduction Installation and Precautions

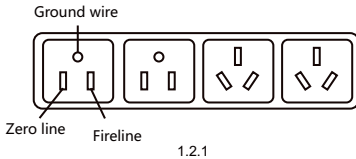
### Install to rack

1. Check the grounding and stability of the rack
2. Install the two L-shaped brackets in the accessories on both sides of the switch panel and secure them with the screws provided in the accessories, as shown in Figure 1.1.1.
3. Place the switch in an appropriate position within the rack, supported by the rack.
4. Fix the L-shaped bracket on the fixed guide slots at both ends of the rack with screws to ensure that the switch is stably and horizontally installed on the rack, as shown in Figure 1.1.2.



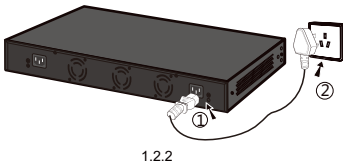
### Power socket specifications

The power cord of the switch adopts a single-phase three wire power socket, with the middle pin as the grounding wire, the left pin as the neutral wire, and the right pin as the live wire. Please check before operation; As shown in Figure 1.2.1.



### Connect the power cord

1. Check that the selected power supply is consistent with the power supply requirements indicated on the switch;
  2. Built in without power adapter, directly connect to AC100-240V, 50-60Hz mains power;
- As shown in Figure 1.2.2.

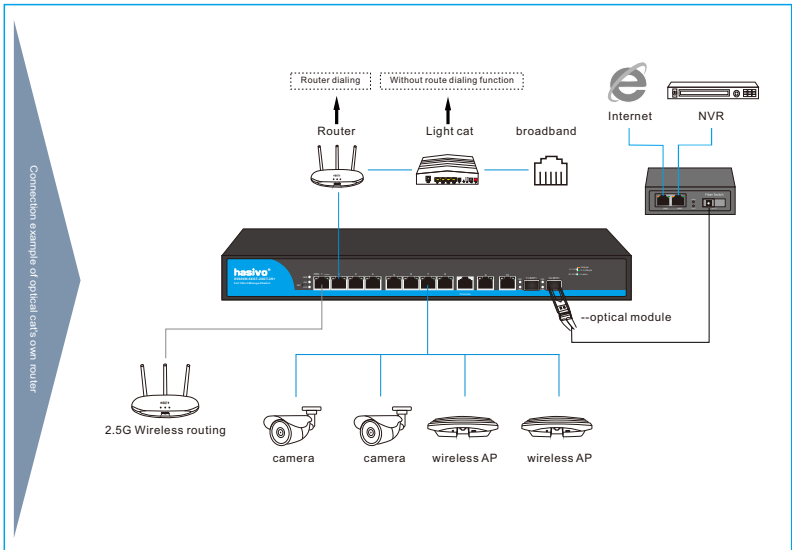
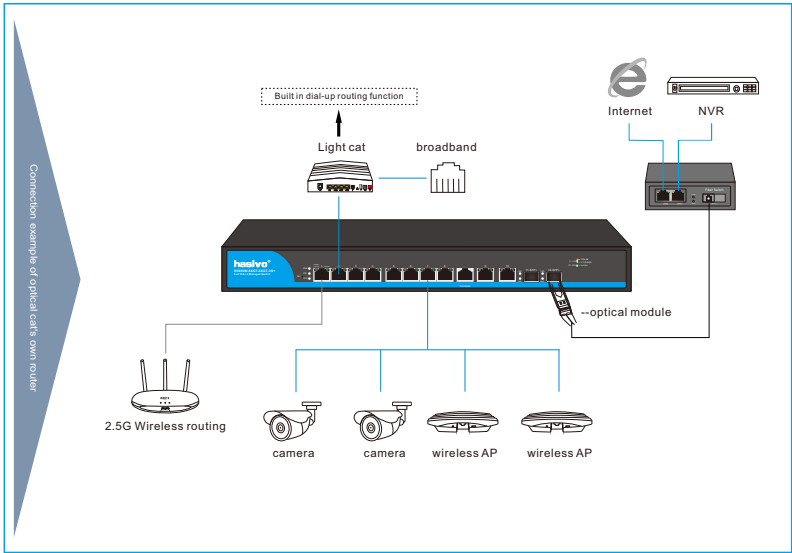


### Post installation inspection

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	S1300W-8XGT-2XGT-2S+	S1300WP-8XGT-2XGT-2S+
Product Name	Smart WEB Managed Switch	Smart WEB Managed PoE Switch
Fixed Port	10*100/1000/2.5G/5G/10G RJ45 2*100/1000M/10G SFP+	8*100/1000/2.5G/5G/10G RJ45 PoE 2*100/1000/2.5G/5G/10G RJ45 2*100/1000M/10G SFP+
PoE Port	—	1 port supports IEEE802.3af/at/bt, with a maximum power of 90W 2-8 ports support IEEE802.3af/at, with a maximum power of 30W
PoE Pin	—	Af/at/bt: 12+ 45+; 36- 78- Af/at: 12+ 36-
PoE total power	—	Max 240W
CPU	MIPS InterAptiv, Dual core 1GHz	
DDR	4G DDR3	
RAM	512MBytes	
FLASH	512MBytes	
Bandwidth	240Gbps	
Packet Forwarding	178.56Mpps	
MAC Address	32K	
Cache	16M	
Megaframe	Maximum support of 12KB	
Transmission Distance	10M: Cat3,4,5 UTP(=250 meter) 100M: Cat5 or later UTP(=150 meter) 1000M: Cat6 or later UTP(=150 meter) 2.5G: Cat6 or later UTP(=150 meter) 5G: Cat6 or later UTP(=90 meter) 10G: Cat6 or later UTP(=80 meter)	
LED Indicator	PWR: System indicator/master-slave power indicator 1-10: Link_ indicator light, 2.5/5G indicator light, 10G indicator light 11-12: Link_ indicator light, 2.5G indicator light, 10G indicator light	PWR: System indicator/master-slave power indicator 1-10: Link_ indicator light, 2.5/5G indicator light, 10G indicator light 11-12: Link_ indicator light, 2.5G indicator light, 10G indicator light 1-8: PoE connection indicator light
Power	Built in redundant dual power supply AC: 100-240Vac 50-60Hz 0.6A MAX50W	AC: 100-240Vac 50-60Hz 3.6A MAX300W
Operating Temperature/ Humidity	-10°C~55°C;5%~90% RH Non coagulation	
Storage Temperature/ Humidity	-40°C~75°C;5%~95% RH Non coagulation	
Products/size/Packingsize (L*W*H)	440mm*200mm*45mm 515mm*300mm*95mm	440mm*290mm*45mm 515mm*375mm*95mm
N.W/G.W (kg)	1.9kg/2.7kg	2.8kg/3.6kg
Installation	Desktop/rack mounted	
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.

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