

## TS-SXG1800 8Port Full 10G Fiber Switch

### Description:

This 8-port full 10G SFP Ethernet Switch adopts a high-quality and high-speed network chip solution with a full 10G network interface and smooth line speed forwarding. It is configured with 8\* 10G SFP+ ports, which supports 1.25G/2.5G/10G rates. It adopts a storage and forwarding mechanism, and internally integrates a high capacity cache to ensure that all ports can achieve 10G non-blocking line speed forwarding, and adopt to more emergency situations. With a sturdy and durable and high strength steel shell design, the efficient heat dissipation ensures stable operation of the product. The switch can be widely used in security network video monitoring, hotels, campuses, large and medium-sized enterprise network engineering, and other fields.



### Features :

- 8\*10G SFP+ ports.
- Support IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE802.3 bz, IEEE 802.3 ae, IEEE 802.3.x.
- SFP+ port support 1.25G/2.5G/10G .
- Support Port Auto MDI/MDIX.
- Panel Indicators monitor working conditions and assist in fault analysis.
- Flow Control Mode, IEEE802.3x standard for full duplex, and back pressure standard for half duplex.
- Support Purge Protection: ESD: air 8KV, Contact 6KV, Class B.

## Application :

- Metropolitan fiber broadband network: Telecommunications, cable TV, network system integration and other data network operators.
- Broadband private network: Suitable for special networks in industries such as finance, government, petroleum, railway, electric power, public security, transportation, education, etc.
- Multimedia transmission: Integrated transmission of images, voice, and data, suitable for applications such as distance education, conference television, and videophone.
- Real time monitoring: Simultaneous transmission of real-time control signals, images, and data.

## Specification :

I/O Interface	
Power input	DC 12V
Fibre	8* 1000/2500/10000M SFP
Performance	
Bandwidth	160Gbps
Packet Forwarding Rate	119.04Mpps
RAM	128MByte
Flash Memory	16MByte
Memory Cache	12Mbit
Mac Address Table	16K
Jumbo Frame	12Kbytes
Standard	
Network Protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet) IEEE 802.3z (Gigabit Ethernet fiber standard) IEEE 802.3ae (10G Ethernet) IEEE802.3x (Flow control)
Industry Standard	EMS: EN61000-4-2 (ESD) EN61000-4-5 (Surge)
Optical Media	Multimode Fiber: 50/125, 62.5/125, 100/140um Single mode Fiber: 8/125, 8.7/125, 9/125, 10/125um

Certification	
Safety certification	CE, FCC, RoHS
Environment Standard	
Working environment	Working temperature: - 10~50 ° C Storage temperature: - 40~70 ° C Working humidity: 10%~90%, non-condensing Storage humidity: 5%~95%, non-condensing
Functional Indication	
Indicator Light	PWR (Power Indicator)
PWR(Power Indicator)	On: Powered on Off: Powered off
SFP Port Light	Red on: 10G link Green on: 1000M/2500M link Flashing: Data transmitting Off: Link not working
Physical Specifications	
Structure size	Product Size: 225mm*105mm*35mm Package Size: 265mm*220mm*68mm Net weight:0.6KG Gross weight:1.4KG
Supply voltage	Power Adapter: 12V2A
Power	Maximum 25W
Packing list	Switch 1PCS, manual 1PCS, certificate of conformity 1PCS, power cord 1PCS