

16-Port 10/100/1000Mbps POE+2* 1.25Gbps SFP interface SWITCH**Overviews:**

To fulfill the demand of High Power POE for network applications with Gigabit transmission, TS-SG1016 P 2SFP Port POE Gigabit Ethernet Switch is an ideal solution. Each 10/100/1000Mbps port of the it features IEEE 802.3af and IEEE 802.3at Power over Ethernet (POE) that combine up to 300-watt POE budget on the whole system. All RJ45 copper interfaces of it support 10/100/1000Mbps auto-negotiation for optimal speed detection through RJ45 Category 6, 5 or 5e cables. It also supports standard auto-MDI/MDI-X that can detect the type of connection to any Ethernet device without requiring special straight or crossover cables. 2 extra gigabit RJ45+2 1.25Gbps SFP for uplink.

FEATURES:

- Complies with IEEE 802.3, 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
- 16-Port 10/100/1000Mbps supports 52V DC power to POE Powered Device
- 2-Port 10/100/1000Mbps RJ45+2 1.25Gbps SFP interface for uplink
- Complies with IEEE 802.3af/802.3at Power over Ethernet End-Span PSE
- Up to 16 IEEE 802.3af devices powered
- Supports POE Power up to 15.4 watts for each POE port
- Up to 8 IEEE 802.3at devices powered
- Supports POE Power up to 30 watts for each POE port
- 300-watt POE budget
- Auto detects powered device (PD)
- Circuit protection prevents power interference between ports
- Remote power feeding up to 100m
- Hardware based 10/100/1000Mbps auto-negotiation and auto MDI/MDI-X
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- Integrates address look-up engine, supporting 8K absolute MAC addresses
- Automatic address learning and address aging
- Made of metal, desktop size and wall-mount design.

Technical Specifications:

Item		Description
Model		TS-SG1016P
Power Supply	Voltage Range	AC 100-240V
	Power Consumption	The device <5W, POE power supply <300W
Network Port Parameter	Network Ports	1~16 Ports: 10/100/1000Mbps Ethernet port, adaptive control 2-Port 10/100/1000Mbps RJ45 interface for uplink 2 Port 1.25Gbps SFP
	Transmission Distance	1~18 Ethernet Port: 0~100m 19-20 SFP: according to SFP module
	Transmission Media	1~18 Ethernet Port: Cat5e/6 standard UTP cable
	POE Agreement	IEEE802.3 af/at standards
	POE Power Supply Mode	End-span method
	POE Power Supply Wattage	Each port≤30W, Whole device<300W
Network Switch Specification	Network Standard	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-T
	Swap Mode	Store-and- forward
	Switch Capacity	40Gbps
	MAC Address List	8K
Status Indicators	Power Indicator Light	One power light (green)
	POE Indicator	1~16 POE indicator light (yellow)
	Network Port LED	1~18 port (green light on RJ45 jack) Keeps on when normally connected, Blinking when transceiver data 19-20 Keeps on when working
Protection Level	Surge Immunity	Level 3, executive standard: IEC61000-4-5
	Electrostatic Protection	1a touch electric discharge: level 3 1a Air discharge: level 3 Executive standard: IEC61000-4-2
Operating Environment	Working Temperature	-10℃~55℃
	Storage Temperature	-40℃-85℃
	Humidity(non-congeal)	0~95%
Mechanical Attributes	Dimensions (L*W*H)	440mm×260mm×44mm
	Color	Blue
	Weight	3kg
Reliability	Mean time between failures (MTBF)	>50000h

Typical applications: