



Model

GS 1020PS2

16-Port Gigabit POE+ Switch with 2 Gigabit SFP Port

[Datasheet](#)



Features

- 16*10/100/1000M POE ports +2* Gigabit SFP Uplink Port;
- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab ,IEEE802.3z IEEE802.3x standards;
- Ethernet port supports 10/100/1000M adaptive;
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard;
- Support port auto flip (Auto MDI/MDIX);
- Automatically supplied to adaptive devices;
- Panel indicator monitoring status and help failure analysis;
- Support for VLAN mode, Default mode and Extend mode;
- 1 U 19 inch rack installation

Specifications

Power	Input: AC 100-240V, 50/60Hz
Ethernet	16 *10/100/1000M PoE Port 2* Gigabit SFP Uplink Port
Switching Capacity	36Gbps
Throughput	26.784Mpps
Packet Buffer	4Mb
MAC Address	8K
Jumbo Frame	9.6Kbytes
Transfer Mode	Store and forward
MTBF	100000 hour
Network protocol	IEEE802.3 (10Base-T)
	IEEE802.3u (100Base-TX)
	IEEE802.3ab(1000Base-TX)
	IEEE802.3z(1000Base-FX)
	IEEE802.3x (Flow control)
PoE Protocol	IEEE802.3af （15.4W）
	IEEE802.3at （30W）
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A
	EMS: EN61000-4-2 (ESD)
	EN61000-4-4 (EFT)



Specifications

Network Medium	10Base-T : Cat3、 4、 5 or above UTP(≤100m)
	100Base-TX : Cat5 or above UTP(≤100m)
	1000Base-TX : Cat5 or above UTP(≤100m)
Optical Media	Multimode fiber : 50/125, 62.5/125, 100/140μm
	Single mode fiber: 8/125, 8.7/125, 9/125, 10/125μm
Security Certificaes	CE、 FCC、 RoHS
Working Environment	Working Temperature: -10~50℃
	Storage Temperature: -40~85℃
	Working Humidity : 10%~90%, non-condensing
	Storage Temperature: 5%~90%, non-condensing
	Working Height: Maximum10,000 feet
LED Indicators	Storage heigh: Maximum 10,000 feet
	PWR (power supply) ,1-18 ACT (Link&Data) , 1-18 1000M (Link)
PWR	Lighting: Powered
	Un-Light: No Power
1-18 ACT (Link&Data)	Lighting: Connecting
	Flashing: Data Transmit
	Un-Light: Disconnect
1-18 1000M (Link)	Lighting: 1000M
	Un-Light: 10/100M

VLAN	Port isolation mode. In this mode, the PoE ports (1-16) of the switch cannot communicate with each other, and can only communicate with the UP-link port.
	Default
Extend	Normal mode, all port can communicate with each other, the transmission distance is within 100 meters
	Link extension mode, 9-16 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M
Structure Size	Product Dimension (L*W*H): 440*204*44mm
	Package Dimension (L*W*H): 500*290*85mm
	N.W: 2.6Kg
	G.W: 3.2kg
Packing Info	Carton MEAS: 520*445*300mm
	Qty: 5 units
	Weight: 17.5KG
Power Voltage	Input Voltage : AC 100-240 V
	Power supply: 52V3.85A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc, Brackets 1 pair