



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

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| 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) |
| 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

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|---------------------------------|---|
| 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°C Storage Temperature: -40~85°C Working Humidity : 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing Working Height: Maximum10,000 feet Storage heigh: Maximum 10,000 feet |
| LED Indicators | 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 |

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| 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 | Normal mode, all port can communicate with each other, the transmission distance is within 100 meters |
| Extend | 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 |