



Model

GS 1028PS2



24-Port Gigabit PoE+ Switch with 2 Gigabit SFP Ports

Datasheet



Features

- Support 24* 10/100/1000M PoE Ports++2* Gigabit SFP Ports.
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z.
- Ethernet Ports support 10/100/1000M self- adaptive.
- Supports automatic port flipping (Auto MDI/MDIX).
- Adopting a storage and forwarding exchange mechanism.
- All ports support line speed switching.
- 1U rack installation.
- Panel indicator monitoring status and help failure analysis.
- Equipped with a three speed one button intelligent dial switch, supporting VLAN, Default, and Extend modes.
- Support port surge protection: Common Mode 4KV, Differential Mode 2KV(Class B), ESD: Air 8KV, Contact 6KV (Class C).

Specifications

Power Input	AC100-240V / 50-60Hz
Ethernet	24* 10/100/1000M PoE Ports 2* Gigabit SFP Ports
Bandwidth	52Gbps
Packet Forward Rate	38.68Mpps
Package Cache	4Mbit
MAC Address	8K
Forwarding Mode	Store and forward
Network Protocol	IEEE 802.3: Ethernet Media Access Control (MAC) Protocol IEEE 802.3i: 10BASE-T Ethernet IEEE 802.3u: 100BASE-TX Fast Ethernet IEEE 802.3ab: 1000BASE-T Gigabit Ethernet IEEE 802.3z: 1000BASE-X Gigabit Ethernet (Fiber Optic) IEEE 802.3x: Flow Control
Industry Standard	EMS: EN61000-4-2 (ESD) EN61000-4-5 (Surge)
Network medium	10Base-T: Cat 3, 4, 5 Class or above UTP/STP (≤ 100m) 100Base-TX: Cat 5 Class or above UTP/STP (≤ 100m) 1000Base-TX: Cat 5 Class or above UTP/STP (≤ 100m)
Optical Medium	Multi mode optical fiber: 50/125, 62.5/125, 100/140um Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um



Specifications

Working Environment	Working temperature: -10~50°C Storage temperature: -40~70°C Working humidity: 10%~90%, non-condensing Storage humidity: 5%~95%, non-condensing
Indicator	PWR (Power Indicator), 1000M (Link Light), Act (Link&Data Link)
PWR	On: Powered on Off: Powered off
1-27 Green	On: Link normal Flashing: Data transmitting Off: Link blocked
1-24 Yellow (POE)	On: POE powered on Off: POE powered off
POE Max (Green)	Off: Indicates PoE power usage is less than 90% Flashing: Indicates PoE power usage of $90\% \leq P \leq 95\%$ On: Indicates that PoE power usage is at $95\% < P < 100\%$
VLAN	Port isolation, ports 1-22 achieve isolation of monitoring, can only communicate with the ports 23-26, to protect internal network security.
Default	Normal mode, all ports can communicate with each other, transmission distance is within 100m, transmission rate is 10/100/1000M self-adaptive.

Extend	Link extend mode, PoE power supply and data transmission distance of ports 17-24 can be extended to 250m, but the transmission rate will down to 10M.
Structure Size	Product Dimensions: 440*204*44mm Package Dimensions: 500*290*85mm Product N.W: 2.82KG Product G.W: 3.38KG
Packing Info	Carton Dimensions: 520*445*310mm Packing Quantity: 5 PCS Packing Weight: 17.5KG
Power Voltage	Input Voltage: AC 100-240V 50/60Hz Supply Power: 52V 5.76A 300W
Power Consumption	Product power: 18.379W POE power: 286.46W
Package List	Switch 1 pc; Power cord 1 pc; User manual 1 pc; Certification 1 pc; Rack ear 1 pair