



PS5026G-2GS-24POE

1U Rack Mounting

26-port Full Gigabit Layer 2 Managed PoE Ethernet Switch

- Support 2 gigabit fiber ports (SFP slot) and 24 gigabit PoE copper ports
- The maximum power consumption of single-port PoE is 30W
- Input voltage: 100~240VAC, 50/60Hz
- Support 0 ~ 50°C wide operating temperature range



Introduction

PS5026G-2GS-24POE is 26-port full gigabit layer 2 managed PoE Ethernet switch. Its PoE power supply conforms to the protocol standards of IEEE 802.3af/at. This product provides gigabit PoE copper port and gigabit fiber port (SFP slot) and adopts 1U rack mounting, which can meet the requirements of different scenes.

Network management system supports various network protocols and industrial standards, such as STP/RSTP/MSTP, 802.1Q VLAN, QoS, PoE Configuration, Port Mirroring, etc. It also possesses complete management functions, including Port Configuration, Online Upgrading and so on. Moreover, it supports WEB, Telnet, SNMP and other access modes. It can provide users with good experience via friendly design of network management system interface, simple and convenient operation.

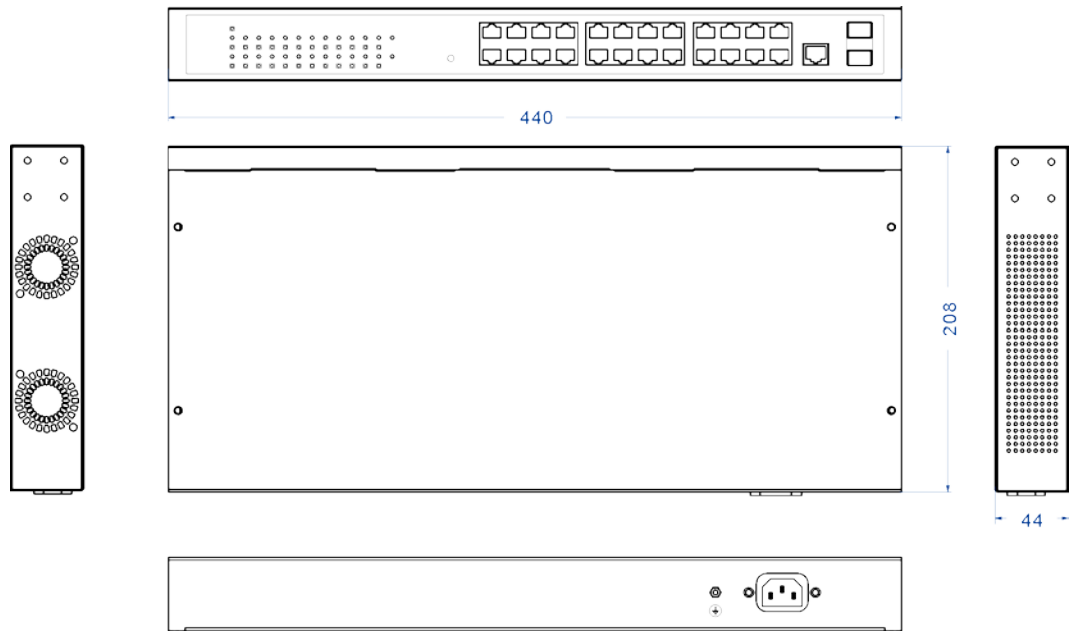
Hardware adopts low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, railway transportation, smart city, safe city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

Features and Benefits

- ⦿ SNMPv1/v2c/v3 is used for network management of various levels
- ⦿ Port mirroring can conduct data analysis and monitoring, which is convenient for online debugging
- ⦿ QoS supports real-time traffic classification and priority setting
- ⦿ Configuration management is convenient for quick configuration of devices.
- ⦿ User password can conduct user hierarchical management to improve the device administrative security
- ⦿ Storm suppression can restrain broadcast, unknown multicast and unknown unicast
- ⦿ VLAN can simplify the network planning
- ⦿ Port trunking and LACP can increase network bandwidth and the reliability of network connection to achieve optimal bandwidth utilization
- ⦿ Bandwidth management and flow control can reasonably distribute network bandwidth, preventing unpredictable network status
- ⦿ STP/RSTP/MSTP can achieve network redundancy, preventing network storm
- ⦿ PoE could power device over Ethernet, thus decreasing the cable connection of powered devices

Dimension

Unit:mm



Specification

| | |
|---------------------------------------|---|
| <p>Standard & Protocol</p> | <p>IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3ab for 1000Base-T IEEE 802.3z for 1000Base-X IEEE 802.3x for Flow Control IEEE 802.1D for Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol IEEE 802.1s for Multiple Spanning Tree Protocol IEEE 802.1Q for VLAN IEEE 802.1p for CoS IEEE 802.3ad for LACP IEEE 802.3af for PoE IEEE 802.3at for PoE+</p> |
| <p>Management</p> | <p>SNMP v1/v2c/v3 Centralized Management of Equipment, Port Mirroring, QoS, DHCP Client, File Management, RMON Configuration</p> |
| <p>Security</p> | <p>Classification of User Permissions, POE Power Alarm, POE Temperature Alarm, Storm Suppression, Access Control, Failure Detection</p> |
| <p>Switch Function</p> | <p>802.1Q Vlan, Static Port Aggregation, Bandwidth Management, Flow Control,</p> |

| | |
|-------------------------|---|
| Redundancy Protocol | STP/RSTP/MSTP |
| PoE | The maximum power of single-port PoE: 30W PoE power supply pin: V+, V+, V-, V- correspond to Pin 1, 2, 3, 6 |
| Interface | Gigabit POE copper port: 10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/Half Duplex Mode, MDI/MDI-X Autotuning SFP slot: 1000Base-SFP |
| LED Indicator | Port Indicator, Power Supply Indicator, PoE Power Consumption Indicator, PoE Power Supply Output Indicator |
| Switch Property | Transmission mode: store and forward MAC address: 8K Packet buffer size: 4.1Mbit Backplane bandwidth: 52G |
| Power Requirement | 100-240VAC, 50/60Hz |
| Power Consumption | Power consumption: ≤435W@220VAC |
| Environmental Limit | Operating temperature: 0°C ~ 50°C Storage temperature: -40°C ~ 70°C Operating humidity: 10% ~ 90% (no condensation) Storage humidity: 5% ~ 90% (no condensation) |
| Physical Characteristic | Housing: IP30 protection, metal Installation: 1U rack mounting Dimension (W x H x D): 440mm×44mm×208mm |
| Certification | CE, FCC, RoHS |
| Warranty | 3 years |



Ordering Information

| Available Models | Gigabit Fiber Port (SFP Slot) | Gigabit PoE Copper Port | Power Supply |
|-------------------|-------------------------------|-------------------------|---------------------|
| PS5026G-2GS-24POE | 2 | 24 | 100-240VAC, 50/60Hz |



Address: 3/B, Zone 1, Baiwangxin High Technology Industrial Park, Song Bai Road, Nanshan District, Shenzhen, 518108, China

TEL.: +86-755-26702668 ext 835 FAX: +86-755-26703485

E-mail: ics@3onedata.com

Website: www.3onedata.com

◀ [Please scan our QR code for more details](#)

*Product pictures and technical data in this datasheet are only for reference. Updates are subject to change without prior notice. The final interpretation right is reserved by 3onedata.