



## PS5026G-2GS-24PoE

### Full Gigabit Managed POE Switch

- Support 4 Gigabit Combo ports (SFP slot or RJ45) and 24 Gigabit PoE copper ports
- The maximum power consumption of single-port PoE is 30W
- Input voltage: 110~240VAC, 50/60Hz
- Support -10 ~ 50°C wide operating temperature range



## Introduction

The product is a fully Gigabit managed POE switch with 24 POE ports. All POE ports meet the IEEE 802.3af/at standard and support fiber optic uplink. It can supply power for POE terminal equipments such as wireless AP, network camera, network telephone, handheld computer and so on through the network wire. The transmission distance is more than 100m. It is easy to install and use plug and play. It is very suitable for wireless city, security monitoring and other industries.

## Features and Benefits

- ⦿ Compatible with both IEEE802.3at(30W) and IEEE802.3af(15.4W), can supply power to PDs under these two standards;
- ⦿ Transmitting electronic power together with data through a single network cable, free of power lines;
- ⦿ Automatically detect and supply power to IEEE802.3at and IEEE 802.3af compliant powered devices(PDs);
- ⦿ Advanced SAFC function, only supply power to IEEE 802.3af/at compliant PDs, no worry about damaging other private standard PoE devices or devices without PoE function;
- ⦿ Support port power supply prioritization, guarantee the continuous power supply of key nodes;
- ⦿ Up to 100m network cable transmitting distance, support flexible network expansion without power line deployment concerns. Users can freely fix their wireless APs, IP cameras or other end devices on the wall or ceiling;
- ⦿ Built-in PSE power supply module, plug-and play design, easy to install;
- ⦿ High security performance defending against power surge;
- ⦿ Support short-circuit protection function, the switch will automatically start short-circuit function and cut off the power supply when there is high-current or other power failures, which can efficiently defend against device damage or network failures caused by line fault or wrong installation;
- ⦿ Energy-saving green design, support auto-switch to standby mode and auto-detect cable length. It will stay in standby mode and save the power when the port is disconnected , or provide a lower transmission power when the network cable is less than 10m;
- ⦿ Support simple WEB management, easy to configure the functions of switches.

## Product Specification

Fixed Ports	24*10/100/1000 Base-T
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	4*COMBO
PoE standards	IEEE802.3af/at
Max Output Power(single port)	30W
Total Power Consumption	400W
PoE Pin-out	1/2(+), 3/6(-); Customized 4/5(+),7/8(-)
Switching Capacity	≥256Gbps
Forwarding Mode	Full wire-speed storage and forwarding
Forwarding Rate	10M: 14880pps/port 100M: 148809pps/port 1000M: 1488095pps/port
Operation Temperature	-10~50°C
Storage Temperature	-40~70°C
Operation Humidity	10% ~ 90%(non-condensing)
Storage Humidity	5% ~ 95%(non-condensing)
Dimensions	440*300*44MM
Input Power Supply	AC: 110-240V ~ 50-60Hz
Weight	<10Kg
LED Indicator	Power, Link/Act, PoE Status
Energy Saving	Comply with “EEE” Energy Efficient Ethernet

## Service Features

Protocol and Standards	IEEE 802.3, 10 BASE-T Ethernet IEEE 802.3ad, Static or Dynamic Link Aggregation IEEE 802.3u,100 BASE-TX IEEE 802.3ab,1000 BASE-T
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	IEEE 802.3z, 1000 BASE-X IEEE 802.3x, Full-Duplex Flow Control
MAC Address	8K MAC addresses Support auto-update, two-way learning
VLAN	Supports VLAN based on ports, protocols and ACL Maximum 4K VLANs VLANs based on IEEE 802.1q
Spanning Tree	STP Spanning Tree Protocol RSTP Rapid Spanning Tree Protocol
Port Aggregation	8 aggregation groups, each containing up to 8 ports;
Port Mirroring	Many-to-one mirroring(that is, multiple mirroring ports, and one monitor port)
Loop Protection	Ring protection, real-time detection/quick alarm/accurate location/intelligent blocking/auto-recovery
Port Isolation	Isolate the communication between ports, only uplink permitted
Traffic Control	Back-pressure traffic control under Half-Duplex mode IEEE 802.3x traffic control under Full-Duplex mode
Flow Rate Limitation	Port-based ingress or egress rate limiting
Multicast	IGMPv1/v2/v3 and MLDv1/2 Snooping
Storm Suppression	Supports multiple storm suppression:UC,MC,unknown cast and broadcast. Supports attack against strategy, against Land attack,Blat attack,Ping attack and TCL controued Flag attack. Binding of user port ,IP address and MAC address Security limitation based on port MAC address quantity
QOS	SP (Strict Priority) WFQ (Weighted Fair Queuing) WRR (Weighted Round Robin) Random Early Detect(RED) Weighted Random Early Detection(WRED) Head of Line 802.1p (Port Queuing Priority)

	DSCP Priority(Differentiated Service Code Point)
Standard Wiring	Support Auto-MDIX
Negotiation Mode	Auto-negotiation
System Maintenance	Check the connectivity of network cables Upload/Download configuration files Upload upgrade patch View system log Supports factory reset
Management	Visual web interface management CLI management Telnet management SNMP management
Industrial Standard	Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	3 years

## Ordering Information

Available Models	Gigabit Combo Port	Gigabit PoE Copper Port	Power Supply
PS5026G-2GS-24PoE	4	24	110-240VAC, 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](mailto:ics@3onedata.com)

Website: [www.3onedata.com](http://www.3onedata.com)

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