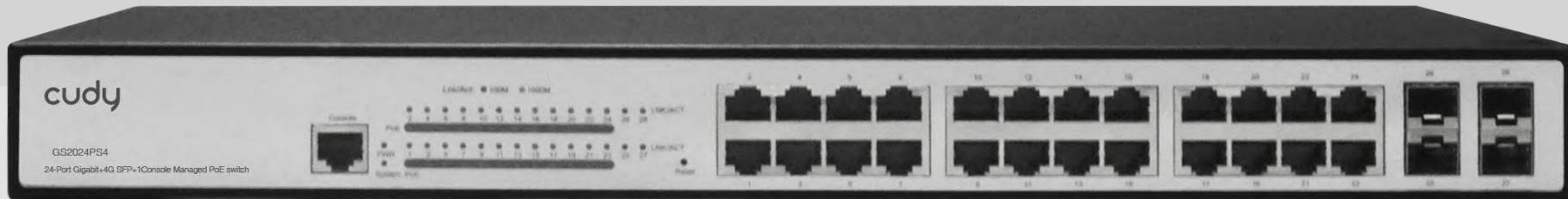


cudy

Model



# GS2024PS4

24-Port Gigabit +4 SFP Port  
L2 Managed PoE Switch

## 1. Overview

The GS2024PS4 provides 24 10/100/1000Mbps RJ45 ports that supports 802.3af/at Standard, with a total PoE power supply up to 380W, powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras.

The switch also comes equipped with 4 SFP slots, expanding you network flexibly. In addition, it provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. With all these advanced features, the PoE Switch is an ideal choice for small and medium business networking.

## 2. Features

1. Complies with IEEE802.3af/at Standard;
2. Support RJ45 Auto-MDI/MDIX;
3. Supports PoE Power up to 32W for each PoE port;
4. Auto detect power device;
5. Remote power and Data feeding up to 100m;
6. Flow Control for Full Duplex operation and back pressure for Half Duplex Operation;
7. Support Energy-Efficient Ethernet (EEE) function (IEEE802.3az)
8. Supports a complete lineup of L2 features, including 802.1Q tag VLAN, Port Mirroring, STP/RSTP/MSTP, Link Aggregation Control Protocol and 802.3x Flow Control function;
9. Web, CLI (Console Port, Telnet, SSH), SNMP and RMON bring abundant management policies;

### 3. Hardware Specification

|                        |                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                  | GS2024PS4                                                                                                                                                                                |
| Standard               | IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1X, IEEE802.1q, IEEE 802.1p, IEEE 802.1d, IEEE802.1w, IEEE 802.3ad, IEEE802.3af, IEEE802.3at                   |
| Interface              | 24*10/100/1000Mbps RJ45 Port (Auto Negotiation/Auto MDI/MDIX)<br>4* 100/1000Mbps SFP Slots<br>1 Console Port                                                                             |
| Indicator              | PWR, LNK/ACT, PoE                                                                                                                                                                        |
| Network media          | 10BASE-T: UTP category 3, 4, 5 cable(≤100m)<br>100BASE-TX: UTP category 5, 5e cable(≤100m)<br>1000BASE-T: UTP category 5e, 5 cable(≤100m)<br>100BASE-FX:MMF, SMF<br>1000BASE-X: MMF, SMF |
| MAC Address Table      | 8K, Auto-learning, Auto-aging                                                                                                                                                            |
| jumbo frame            | 9216Bytes                                                                                                                                                                                |
| Transfer Mode          | Store-and-forward                                                                                                                                                                        |
| Packet Forward Speed   | 40.56Mpps                                                                                                                                                                                |
| Switching Capacity     | 56Gbps                                                                                                                                                                                   |
| Dimensions(L*W*H)      | 440*232*45mm                                                                                                                                                                             |
| Fan Quantity           | 2                                                                                                                                                                                        |
| PoE Port               | Port1~24                                                                                                                                                                                 |
| PoE Power on RJ45      | Mode A 1/2(+), 3/6(-)                                                                                                                                                                    |
| PoE Power Output       | Voltage: 55V DC      Power: 32W(MAX)                                                                                                                                                     |
| PoE Power Budget       | 300W/380W                                                                                                                                                                                |
| Power supply           | 330W/420W                                                                                                                                                                                |
| Input Power Supply     | 100~240V AC, 50/60Hz                                                                                                                                                                     |
| Operating Temperature  | 0℃ ~ 40℃                                                                                                                                                                                 |
| Storage Temperature    | -40℃ ~ 70℃                                                                                                                                                                               |
| Operating Humidity     | 10% ~ 90% non-condensing                                                                                                                                                                 |
| Storage Humidity       | 5% ~ 90% non-condensing                                                                                                                                                                  |
| Surge Protection       | ±6KV                                                                                                                                                                                     |
| Certification          | CE, FCC ClassA                                                                                                                                                                           |
| MTBF                   | >50000 hour                                                                                                                                                                              |
| Electrostatic standard | Contact 4KV, air 6KV                                                                                                                                                                     |
| Green energy saving    | Support IEEE(802.3az)                                                                                                                                                                    |

### 4. Software Specification

|                             |                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System settings             | Basic Information, Serial Information, User Management, Safe Management, SNTP configuration, Current Configuration, Configuration File, File Upload, System Reset |
| Port Configuration          | Common Configuration, Port Statistic, Flow Control, Broadcast storm, Port Rate Limit, Protected Port, Learn Limit, Port Trunking, Mirror                          |
| MAC Bind                    | MAC Bind Configuration, MAC Auto Binding                                                                                                                          |
| MAC Filter                  | MAC Filter Configuration, MAC Auto Filter                                                                                                                         |
| VLAN Configuration          | VLAN Information, VLAN Configuration, VLAN Port Configuration                                                                                                     |
| SNMP Configuration          | Community Name, TRAP Target                                                                                                                                       |
| ACL Configuration           | ACL Standard IP, ACL Extended IP, MAC IP, MAC ARP, ACL information, ACL ReferenceName, TRAP Target                                                                |
| QOS Configuration           | QOS Apply, QOS Scheduling                                                                                                                                         |
| IP Basic Configuration      | IP Address Configuration, ARP Configuration And Display, Host Static Route                                                                                        |
| AAA Configuration           | Tacacs+ Configuration, Radius Configuration, 802.1x Configuration, 802.1x Port Configuration, 802.1x User Auth-Information                                        |
| MSTP Configuration          | MSTP Configuration, Port configuration, Port Information                                                                                                          |
| IGMP SNOOPING Configuration | IGMP SNOOPING Configuration, Multicast Group Information                                                                                                          |
| GMRP Configuration          | GMRP Global Configuration, GMRP Port Configuration, GMRP Stats Configuration                                                                                      |
| EAPS Configuration          | EAPS Configuration, EAPS Information                                                                                                                              |
| RMON Configuration          | Statistics Configuration, History Configuration, Alarm Configuration, Events Configuration                                                                        |
| Cluster management          | NDP Configuration, NTDP Configuration, Cluster Configuration                                                                                                      |
| Log management              |                                                                                                                                                                   |
| POE Configuration           | POE Global configuration, POE Port Configuration, POE Schedule configuration                                                                                      |