

# G5328P-24-410W

L3 Managed PoE Switch

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## Products Description

G5328P-24-410W is an IP-COM Layer-3 managed PoE switch.

To meet the demand of high-performance access, the switch provides 24 10/100/1000 Mbps Base-T Ethernet ports and 4 separate 1000 Mbps Base-X SFP ports, and a PoE power of up to 370 W. With an innovative hardware structure and software platform, it features a powerful processing capacity and complete security protection mechanism, making management and maintenance easy and simple, fully meeting the demands of high-density user access and high-performance aggregation, ideal for the aggregation layer or access layer of such medium to large networks as enterprises and campuses.



## Key Feature

- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1p, IEEE 802.1q, IEEE 802.1w, IEEE 802.1d, IEEE 802.1s, IEEE 802.3af/at standards
- 24 x 10/100/1000 Base-T Ethernet ports (Data/Power), 4 separate 1000 Base-X SFP ports
- 16 K MAC address table and MAC address auto-learning
- Maximum PoE output power of a single port: 30 W, maximum PoE output power of the whole switch: 370 W
- Supports abundant services, such as static routing, VLAN, IGMP, QoS, ACL, DHCP Snooping, ARP and Telnet
- Built-in 6 kV professional lightning protection power, 19 inch/1 u standard rack-mounted design

## Product Features



### Dual 6 kV professional lightning protection

Provides dual 6 kV port and power lightning protection, and supports multiple protection features, such as PSE short circuit protection, PoE overload protection, power over-temperature and overvoltage protection, and surge current protection.



### Layer-3 routing protocol

Supports Layer-3 static routing protocol, meeting the demand of the 3-layer networking environment in which Layer-3 networks should be interconnected while Layer-2 networks should be isolated, thus realizing an efficient and fast layer-3 routing forwarding.



### 410 W high-power

Offers 24 gigabit PoE ports complaint with IEEE 802.3af and IEEE 802.3at. With a maximum 370 W PoE output power of the whole switch, and a maximum 30 W PoE output power of a single port, the switch helps provide stable power and data transmission for gigabit WLAN and high definition digital monitoring devices.

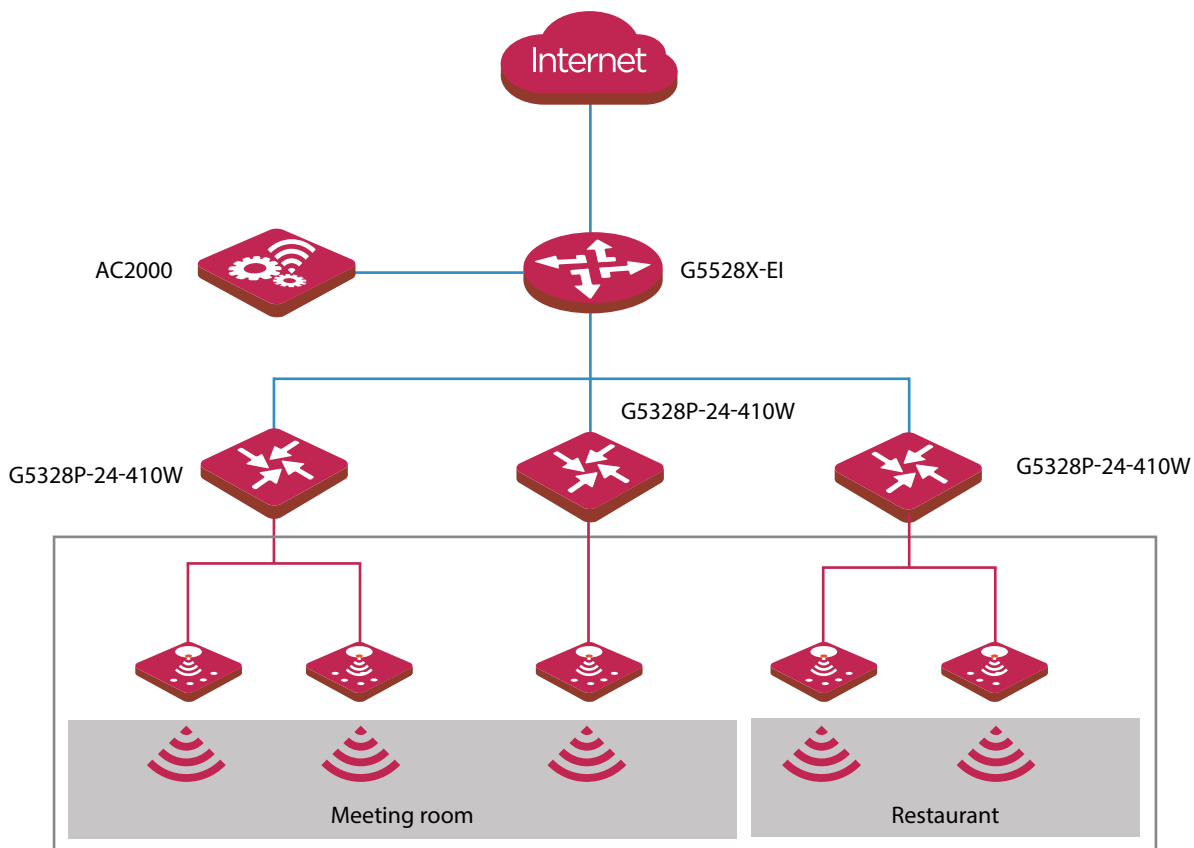


### Sound security features

Supports IP address filtering, MAC address filtering, ARP filtering, DoS attack defense, and ACL access control list, improving network security.

## Application Scenarios

- PoE
- 1G fiber
- 1G Copper cable



| Product Model               |  | G5328P-24-410W |
|-----------------------------|--|----------------|
| Hardware specifications     |  |                |
| Network standards           | IEEE802.3、 IEEE802.3u、 IEEE802.3ab、 IEEE802.3z、 IEEE802.3x、 IEEE802.3af/at、 IEEE802.1p、 IEEE802.1q、 IEEE802.1w、 IEEE802.1d、 IEEE802.1s   |                |
| LED indicators              | One Link/Act or PoE LED indicator for each port<br>One Link/One Link/Act mode converting LED indicator for each device<br>One PoE mode converting LED indicator for each device<br>One PoE Max LED indicator for each device<br>One Power LED indicator for each device<br>One SYS LED indicator for each device |                |
| Fixed ports                 | 24 x 10/100/1000 Base-T Ethernet ports (Data/Power)<br>4 x 1000 Base-X SFP ports (Data)  |                |
| Port lightning protection   | ≥6 kV  |                |
| Forwarding mode             | Store-and-forward  |                |
| MAC address table           | 16K  |                |
| PoE power supply            | Ports 1 to 24 support IEEE 802.3af/at standard PoE power supply<br>1 2 4 5 +, and 3 6 7 8 -  |                |
| Input voltage               | AC: 100-240V ~ 50/60Hz   |                |
| Dimensions ( L x W x H )    | 440 mm x 284 mm x 44 mm  |                |
| Whole switch consumption    | Whole switch consumption: <410W      Maximum PoE output power: 370 W   |                |
| Operating environment       | Operating temperature: 0°C - 45°C<br>Storage temperature: -40°C - 70°C<br>Operating humidity: (10% - 90%)RH, non-condensing<br>Storage humidity: (5% - 90%)RH, non-condensing  |                |
| Software specifications     |  |                |
| PoE power supply management | Port PoE configuration and power supply with priority<br>PoE over-temperature protection<br>PoE scheduled management<br>Supports intelligent and graphical management and PoE-powered device detection (port status, power assignment and PoE-powered device status)   |                |

|                            |  |
|----------------------------|--|
| Security features          | ARP receiving limit<br>Unknown MAC address discard<br>DoS attack defense<br>802.1x security authentication   |
| VLAN                       | IEEE 802.1Q VLAN<br>VLAN Layer-3 interfaces<br>Supports three port modes: Access, Trunk and Hybrid   |
| DHCP                       | DHCP Relay, DHCP Server<br>DHCP Snooping<br>Supports Option 82 policy configuration  |
| L3 Routing                 | VLAN-based routing<br>IPv4 static routing<br>Supports static ARP adding/deleting<br>Supports ARP aging time configuration  |
| Port aggregation           | Static aggregation<br>LACP dynamic aggregation   |
| Spanning tree              | IEEE 802.1d STP (Spanning Tree Protocol)<br>IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)<br>IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)<br>Supports edge port<br>Supports BPDU statistics                    |
| Multicast                  | IGMP Snooping V1/V2/V3<br>Supports port fast leave   |
| Port Mirroring             | Supports N: 1 port mirroring   |
| QoS                        | SP (Strict Priority)<br>SWRR (Simple Weighted Round Robin)<br>WRR (Weighted Round Robin)<br>Supports 802.1p port trust mode<br>Supports DSCP port trust mode<br>Supports a maximum of 8 queue service quality mapping) |
| ACL                        | Supports MAC ACL and IP ACL  |
| Loading and upgrade        | Supports FTP/TFTP/HTTP upgrade<br>Supports configuration import and export   |
| Management and maintenance | Telnet, Console<br>SNMP V1/V2/V3<br>WEB management and maintenance<br>Ping/Tracert/Connection Detection  |
| Cloud Management           | Supports ProFi App management  |



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