



**IP-COM**  
World Wide Wireless

# G5328P-24-410W

L3 Managed PoE Switch

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## 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 compliant 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.

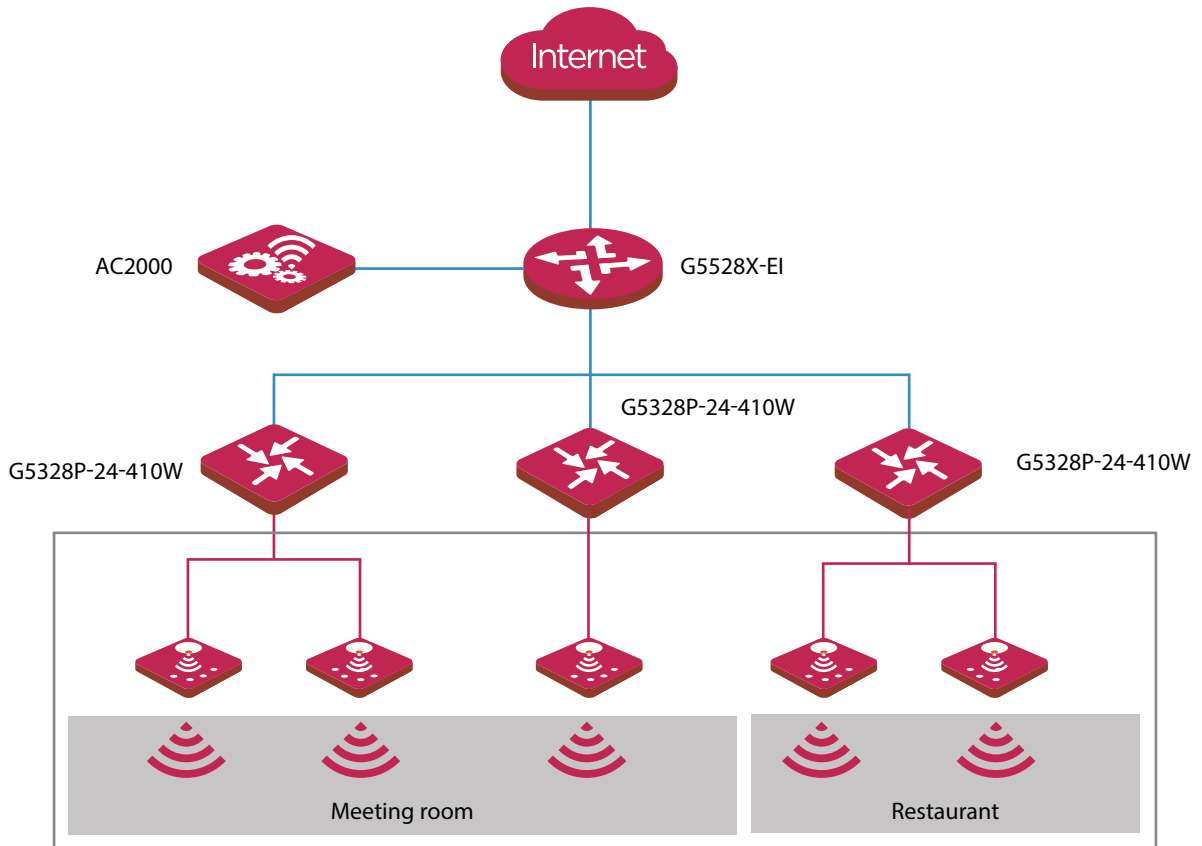


### Sound security features

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 One Link/One Link/Act mode converting LED indicator for each device One PoE mode converting LED indicator for each device One PoE Max LED indicator for each device One Power LED indicator for each device One SYS LED indicator for each device	
Fixed ports	24 x 10/100/1000 Base-T Ethernet ports (Data/Power) 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 1 2 4 5 +, and 3 6 7 8 -	
Input voltage	AC: 100-240V ~ 50/60Hz	
Dimensions ( W x D 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 Storage temperature: -40°C - 70°C Operating humidity: (10% - 90%)RH, non-condensing, Storage humidity: (5% - 90%)RH, non-condensing	
Software specifications		
PoE power supply management	Supports port PoE configuration and power supply with priority Supports PoE over-temperature protection Supports PoE scheduled management Supports intelligent and graphical management and PoE-powered device detection (port status, power assignment and PoE-powered device status)	

Security features	<ul style="list-style-type: none"> <li>Supports ARP receiving limit</li> <li>Supports unknown MAC address discard</li> <li>Supports DoS attack defense</li> <li>Supports 802.1x security authentication</li> </ul>
VLAN	<ul style="list-style-type: none"> <li>Supports IEEE 802.1Q VLAN</li> <li>Supports VLAN Layer-3 interfaces</li> <li>Supports three port modes: Access, Trunk and Hybrid</li> </ul>
DHCP	<ul style="list-style-type: none"> <li>Supports DHCP Relay</li> <li>Supports DHCP Snooping</li> <li>Supports Option 82 policy configuration</li> </ul>
L3 Routing	<ul style="list-style-type: none"> <li>Supports VLAN-based routing</li> <li>Supports IPv4 static routing adding</li> <li>Supports static ARP adding/deleting</li> <li>Supports ARP aging time configuration</li> </ul>
Port aggregation	<ul style="list-style-type: none"> <li>Supports static aggregation</li> <li>Supports LACP dynamic aggregation</li> </ul>
Spanning tree	<ul style="list-style-type: none"> <li>Supports IEEE 802.1d STP (Spanning Tree Protocol)</li> <li>Supports IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)</li> <li>Supports IEEE 802.1s MSTP (Multiple Spanning Tree Protocol)</li> <li>Supports edge port</li> <li>Supports BPDU statistics</li> </ul>
Multicast	<ul style="list-style-type: none"> <li>Supports IGMP Snooping V1/V2/V3</li> <li>Supports port fast leave</li> </ul>
Port Mirroring	<ul style="list-style-type: none"> <li>Supports N: 1 port mirroring</li> </ul>
QoS	<ul style="list-style-type: none"> <li>Supports SP (Strict Priority)</li> <li>Supports SWRR (Simple Weighted Round Robin)</li> <li>Support WRR (Weighted Round Robin)</li> <li>Supports 802.1p port trust mode</li> <li>Supports DSCP port trust mode</li> <li>Supports a maximum of 8 queue service quality mapping)</li> </ul>
ACL	<ul style="list-style-type: none"> <li>Supports MAC ACL</li> <li>Supports IP ACL</li> </ul>
Loading and upgrade	<ul style="list-style-type: none"> <li>Supports FTP/TFTP/HTTP upgrade</li> <li>Supports configuration import and export</li> </ul>
Management and maintenance	<ul style="list-style-type: none"> <li>Supports Telnet configuration, Console port configuration</li> <li>Supports SNMP V1/V2/V3</li> <li>Supports WEB management and maintenance</li> <li>Supports Ping/Tracert/Connection Detection</li> </ul>
Certificates	<ul style="list-style-type: none"> <li>CCC、FCC、CE、RoHS</li> </ul>

# IP-COM

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