IP-COM

World Wide Wireless

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.

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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

6KV

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.

410W

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 .
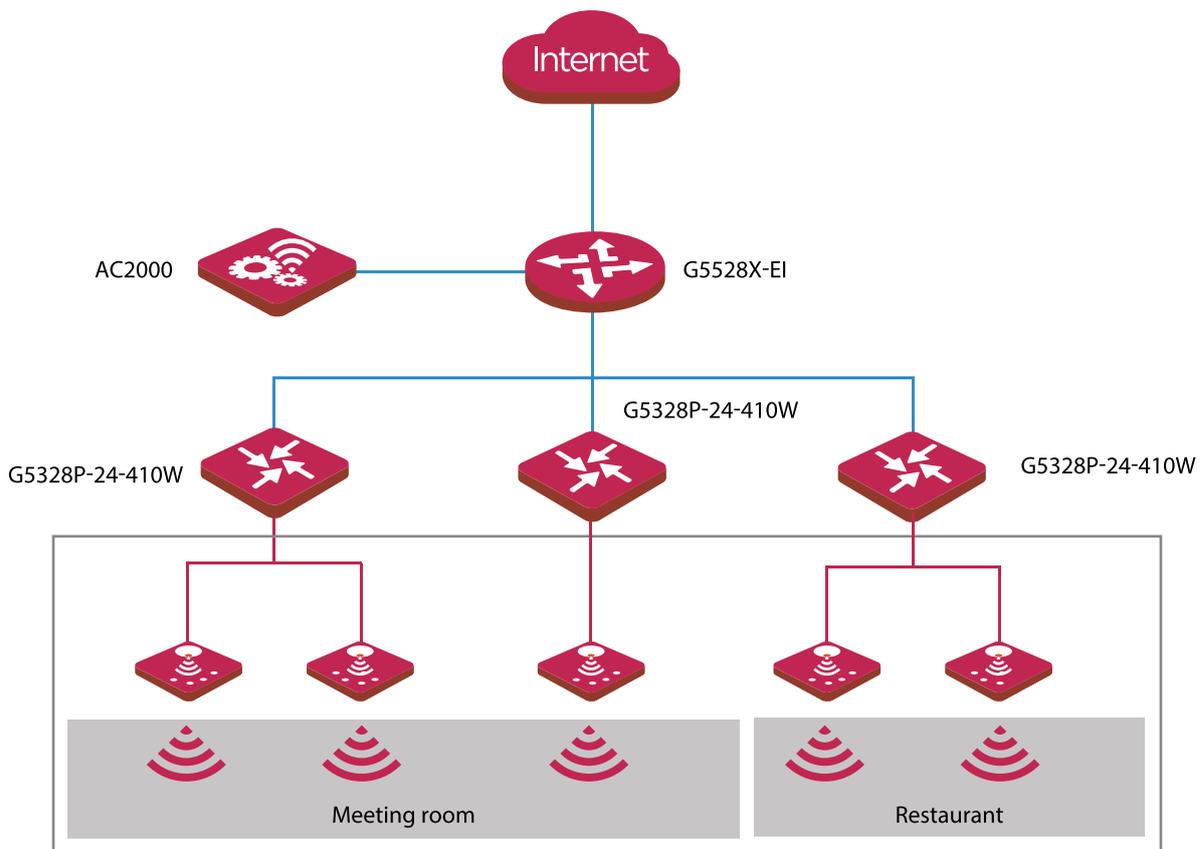
Sound security features

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

Internet

AC2000

G5528X-EI

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Meeting room

Restaurant

Product Model	G5328P-24-410W
Hardware specifications	
Network standards	IEEE： 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, IEEE 802.3at IEEE 802.3ad, IEEE 802.1ab IEEF： RFC791, RFC792, RFC826, RFC2131, RFC 1112, RFC 2236, RFC2328, RFC2453, RFC 2030, RFC 1492, RFC1541, RFC 1901, RFC 2030, RFC 2068, RFC 2138. RFC2571, RFC 3164, RFC 3579, RFC2460, RFC4291, RFC2462, RFC4443
LED indicators	One Link/Act or PoE LED indicator for each port 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 × 10/100/1000 Base-T Ethernet ports 4 × 1G Base-X SFP ports 1 × Console port
Lightning protection	Port: 6 kV Power supply: 6 kV
Forwarding mode	Store-and-forward
Switching capacity	56 Gbps
Packet forwarding rate	41.7 Mpps
Switching buffer	12 Mbit
MAC address table	16K
Input voltage	100 - 240V AC 50/60Hz
Dimensions (L x W x H)	440 mm * 284 mm * 44 mm
Environment	Operating temperature: 0℃ - 45℃ Operating humidity: (10% - 90%)RH, non-condensing Storage temperature: -40℃ - 70℃ Storage humidity: (5% - 90%)RH, non-condensing
Certificates	FCC, CE, RoHS
Storage	Memory: 512MB Memory Flash: 128MB

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Software features	G5328P-24-410W L3 Managed PoE Switch
Port Management	Support manual configuration of duplex/full duplex mode Support auto MDI/MDIX Support Support the limitation of the export speed
PoE Power Supply Management	PoE port configuration and power supply with priority PoE over-temperature protection PoE scheduled management Support intelligent management and PoE-powered device detection
Security Features	ARP receiving limit Unknown MAC address discard DoS attack defense 802.1x security Authentication、Authorization and Accounting RADIUS authentication HTTPS secure access SSHv2 secure access ISG binding Guest Vlan
MAC	MAC address filtering（Support VLAN binding MAC）
VLAN	802.1Q VLAN and 4K VLAN table Voice VLAN MAC VLAN IP subnet-based VLAN Protocol VLAN QinQ
ARP	Configure static ARP ARP aging time modification
DHCP	DHCP server DHCP relay DHCP snooping Support option 82 policy configuration
L3 Routing	Inter-VLAN routing IPv4 static routing IPv6 static routing Static ARP RIP V1/V2 OSPF V2
Port aggregation	Support Static aggregation Support Dynamic aggregation Support 8 ports for aggregation
Port mirroring	Support IEEE 802.1d STP (Spanning Tree Protocol) Support IEEE 802.1w RSTP (Rapid Spanning Tree Protocol) Support IEEE 802.1s MSTP (Multiple Spanning Tree Protocol) Support edge ports Support BPDU statistics Support for implementing 64 spanning tree instances Support the protection mechanism of the Spanning-Tree algorithm Support the the suspension of receiving BPDUs

Product Model	G5328P-24-410W
Software features	
IGMP	Support IGMP snooping V1/V2/V3 Support fast leave of ports Support adding groups Support 1024 groups in IGMP snooping
Port mirroring	Support N: 1 port mirroring
QoS	SR (Strict Priority) WRR (Weighted Round Robin) Support 802.1p port trust mode Support DSCP port trust mode Support a maximum of 8 queues service quality mapping Support Tail-drop
ACL	Support MAC ACL Support IPv4 ACL
Cloud Management	Support remote configuration delivery through ProFi Cloud web UI platform Support ProFi App management Support log reporting and fault detection Support remote maintenance: restart, backup and upgrade
Local Visualization	Support discovery and recognition of network devices such as routers, switches and APs through the LLDP protocol Support camera discovery and recognition through the ONVIF protocol Support automatic generation of topology Support local view and main view Support online/offline detection of clients Support remote restarting of cameras Support loop alert Support custom device type and device name
Loading and upgrade	Support HTTP upgrade Support Configuration import and export Support TFTP
Management and maintenance	Support Telnet configuration Support SNMP V1/V2/V3 Support RMON Support LLDP-MED Support web management and maintenance Support system log Support log classification Support SNTP Support Ping and Tracert tests Support memory and CPU monitoring Support SSH V2 Support Radius authentication and Radius authorization

www.ip-com.com.cn

IP-COM
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Headquarters

IP-COM Networks Co.,Ltd.

Tel: +86 755-27653089

Fax: +86 755-27657178

Email: marketing@ip-com.com.cn

Website: www.ip-com.com.cn

ADD: Tower E3,No1001,Zhongshanyuan Road,Nanshan District,Shenzhen,China.