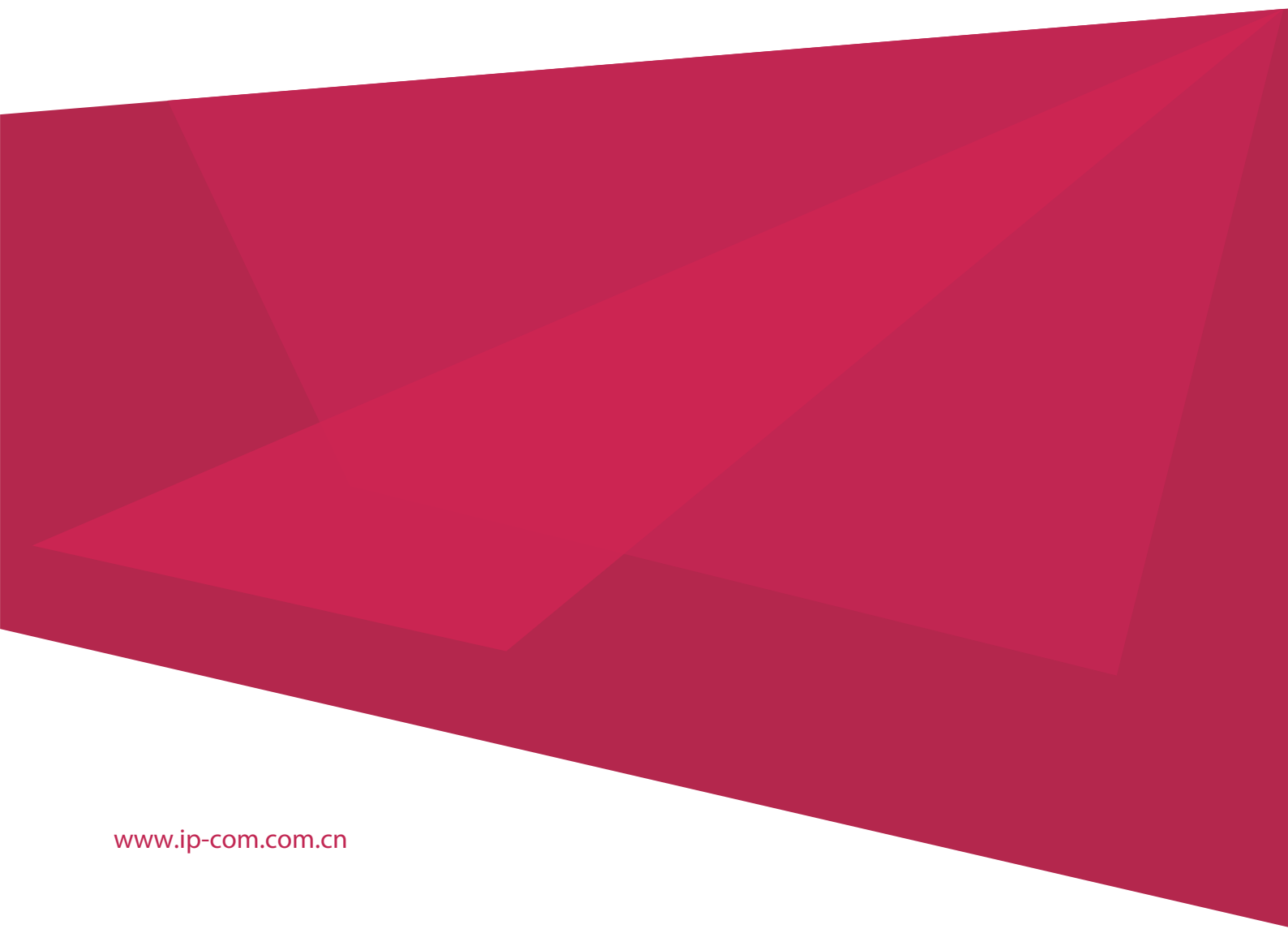
IP-COM
World Wide Wireless

G5310P-8-150W

L3 Managed PoE Switch



www.ip-com.com.cn

G5310P-8-150W

L3 Managed PoE Switch

Products Description

G5310P-8-150W is an IP-COM Layer-3 managed PoE switch. To meet the demand of high-performance access, the switch provides 9 10/100/1000 Mbps Base-T Ethernet ports and 1 separate 1000 Mbps Base-X SFP port, and a PoE power of up to 130 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
- 9 x 10/100/1000 Base-T Ethernet ports , 1 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: 130 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, 13 inch/1 u standard desktop and 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.



150 W high-power

Offers 8 gigabit PoE ports complaint with IEEE 802.3af and IEEE 802.3at. With a maximum 130 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

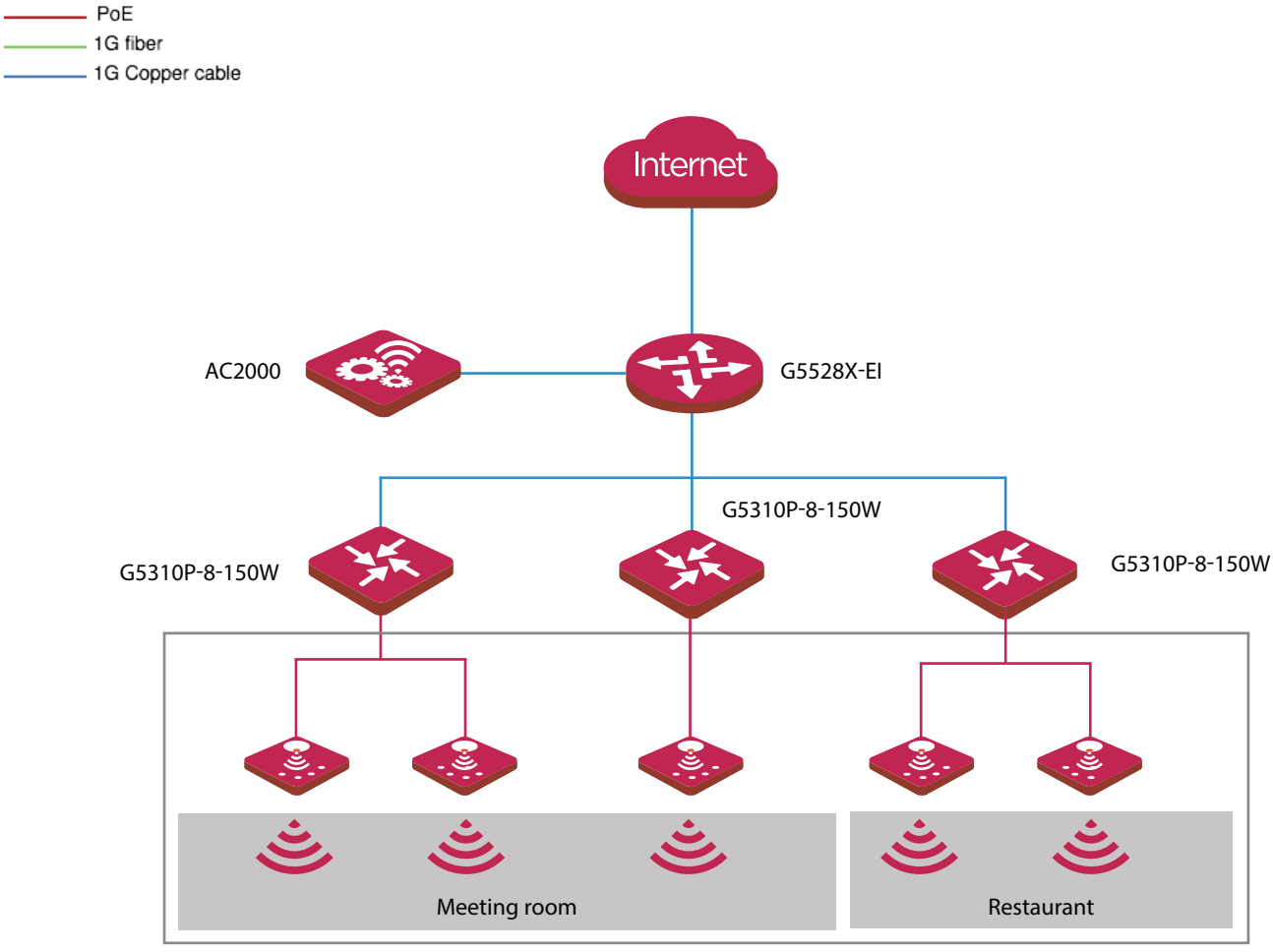
Supports IP address filtering, MAC address filtering, ARP filtering, DoS attack defense, and ACL access control list, improving network security.



Local visualization

Auto discovery of ONVIF based ip-carmera and IP-COM access point
Support automatically topology generate.

Application Scenarios



Product Model	G5310P-8-150W
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	9 x 10/100/1000 Base-T Ethernet ports 1 x 1000 Base-X SFP port
Port lightning protection	≥6 kV
Forwarding mode	Store-and-forward
MAC address table	16K
PoE power supply	Ports 1 to 8 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)	294 mm x 179.6 mm x 44 mm
Whole switch consumption	Whole switch consumption: <150W　　Maximum PoE output power: 130 W
Operating environment	Operating temperature: 0°C - 40°C 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	Port PoE configuration and power supply with priority PoE over-temperature protection PoE scheduled management Supports intelligent and graphical management and PoE-powered device detection (port status, power assignment and PoE-powered device status)

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

www.ip-com.com.cn

IP-COM
World Wide Wireless

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.

Copyright©2016 IP-COM Networks Co., Ltd. All Rights Reserved.