IP-COM
World Wide Wireless

G5328XP-24-410W

L3 Managed PoE Switch With 4-Port 10G SFP+

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Products Description

G5328XP-24-410W is a layer-3 cloud-managed switch with 10G uplink ports designed by IP-COM for office network in SMBs and wireless coverage in hotels, schools and supermarkets. The switch provides 24 10/100/1000 Base-T Ethernet ports and 4 10G Base-X SFP+ ports, and offers cloud management, remote App management as well as visualized local management, achieving more efficient network maintenance, lower after-sales cost and easier configuration anytime and anywhere.

Key Feature

- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3ad, 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 standards
- 24 × 10/100/1000 Base-T Ethernet ports, 4 independent 10G Base-X SFP+ ports, and 1 Console port
- 16 K MAC address table and MAC address auto-learning
- 12 MB large buffer
- Supports DHCP server, static routing, QVLAN, IGMP, QoS, ACL, DHCP snooping, SSH and other functions
- Supports ProFi Cloud web UI management, ProFi App management and visualized local management

Main Features

Remote Cloud Management

Supports remote management through IP-COM ProFi Cloud web UI and ProFi App, adding devices in batches through QR codes for cloud management, as well as the configuration of VLAN, DHCP snooping, loop guard on ProFi App, realizing easy operation and maintenance.

Abundant L2 and L3 Features

Supports the IPv4 static routing protocol, DHCP server, DHCP relay and DHCP snooping.
Supports loop guard protocols: STP, RSTP and MSTP.
Supports 802.1Q VLAN, voice VLAN, IP subnet-based VLAN, protocol VLAN and MAC VLAN.

Topology Visualization

Generates network topology automatically, featured with camera recognition based on the ONVIF protocol, network device recognition through the LLDP protocol as well as online/offline test of all devices in the network, greatly improving the efficiency of network maintenance.

Robust Security Mechanism

Supports IP/MAC/ARP filtering/DoS attack defense, HTTPS, SSH secure access and the ACL access control list, filtering corresponding data packets and enhancing network security.

Specifications

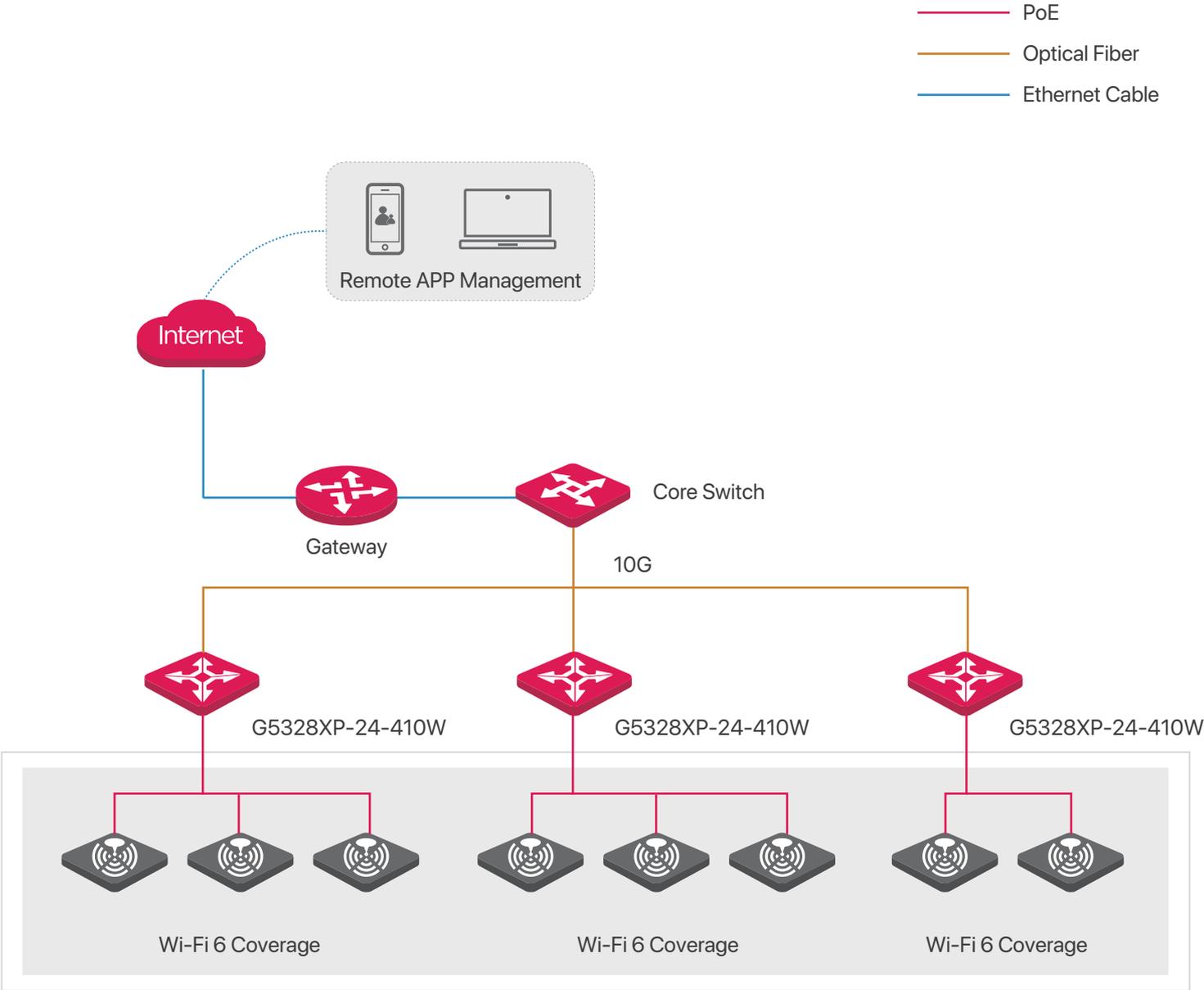| Product information	
Product Model	G5328XP-24-410W
Hardware Specifications	
Network Standards	IIEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3ae, IEEE 802.3ad, IEEE 802.3z, IEEE 802.3x, IEEE 802.1p, IEEE 802.1q, IEEE 802.1w, IEEE 802.1d, IEEE 802.1s, IEEE 802.3af, IEEE 802.3at
Indicators	One Link/Act 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 × 10G Base-X SFP+ ports 1 × Console port
Port Lightning Protection	≥6 kV
Forwarding Mode	Store-and-forward
MAC Address Table	16K
Input Voltage	100-240 V AC 50/60 Hz
Dimensions (L × W × H)	440 mm × 284 mm × 44 mm
Whole Switch Consumption	Whole switch power consumption: < 410W
Environment	Operating temperature: 0°C - 45°C Storage temperature: -40°C - 70°C Operating humidity: (10% - 90%) RH, non-condensing Storage humidity: (5% - 90%) RH, non-condensing
Certificates	CCC、FCC、CE、RoHS

Specifications

Software Specifications	
PoE Power Supply Management	PoE port configuration and power supply with priority PoE over-temperature protection PoE scheduled management Supports intelligent 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 RADIUS authentication HTTPS secure access SSHv2 secure access
VLAN	802.1Q VLAN and 4 K VLAN table Voice VLAN MAC VLAN IP subnet-based VLAN Protocol VLAN
DHCP	DHCP server DHCP relay DHCP snooping Supports option 82 policy configuration
L3 Routing	Inter-VLAN routing IPv4 static routing Static ARP
Port Aggregation	Static aggregation LACP dynamic aggregation
STP (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

Specifications

Software Specifications	
QoS	SR (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 queues service quality mapping Supports Tail-drop
Cloud Management	Supports remote configuration delivery through ProFi Cloud web UI platform Supports ProFi App management Supports log reporting and fault detection Supports remote maintenance: restart, backup and upgrade
Local Visualization	Supports discovery and recognition of network devices such as routers, switches and APs through the LLDP protocol Supports camera discovery and recognition through the ONVIF protocol Supports automatic generation of topology Supports local view and main view Supports online/offline detection of clients Supports remote restarting of cameras Supports loop alert Supports custom device type and device name
ACL	Supports MAC ACL and IPv4 ACL
Loading and Upgrade	Supports FTP/TFTP/HTTP upgrade Supports configuration import and export
Management and Maintenance	Telnet configuration SNMP V1/V2/V3 RMON LLDP-MED Web management and maintenance System log Log level NTP Ping/Tracert test CPU and memory monitoring

Typical Application

PoE

Optical Fiber

Ethernet Cable

Remote APP Management

Internet

Gateway

Core Switch

10G

G5328XP-24-410W

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G5328XP-24-410W

Wi-Fi 6 Coverage

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