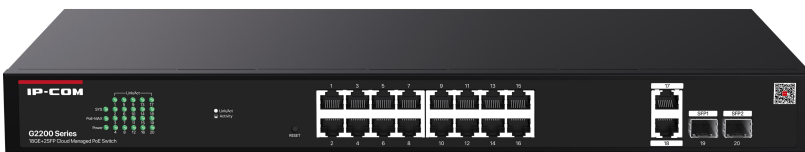# IP-COM
World Wide Wireless

G2220P-16-250W
18GE+2SFP Cloud Managed PoE Switch

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Descriptions

G2220P-16-250W is a 20-port intelligent cloud-managed PoE switch independently designed by IP-COM. Supports cloud WEB platform management and APP management, supports 802.3AF/AT, single port maximum output 30W, whole machine 250W, automatically detects loops and private routers at the same time, network maintenance is more efficient, and after-sales costs are affordable. User-configured switch, supports watchdog, 7*24 hours automatic operation and maintenance, and is an ideal choice for accessing PD devices such as APs, cameras, and IP phones.

Features

- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3x, IEEE802.3z, IEEE802.1p, IEEE802.1q standards

- 18 10/100/1000 Base-T Ethernet ports, 2 1000 Base-X SFP optical ports

- 8 K MAC address table and MAC address auto learning

- 16 PoE ports, single port output power 30W, Total power budget 230W

- 40Gbps non-blocking wire-speed forwarding

- Web platform remote management, mobile APP management

- 4M large cache

- Support QVLAN, DHCP Snooping, anti-loop, PoE timing, watchdog, etc.

USPs

Cloud management platform

It supports Cloud Web platform and mobile APP management. You can scan the QR code in batches through the APP to add switches, automatically configure and go online. The cloud platform automatically generates a visual network topology, and you can check the operating status of the equipment anytime and anywhere.

PoE timing

Supports setting port PoE to turn on or off at fixed times to save energy during idle periods
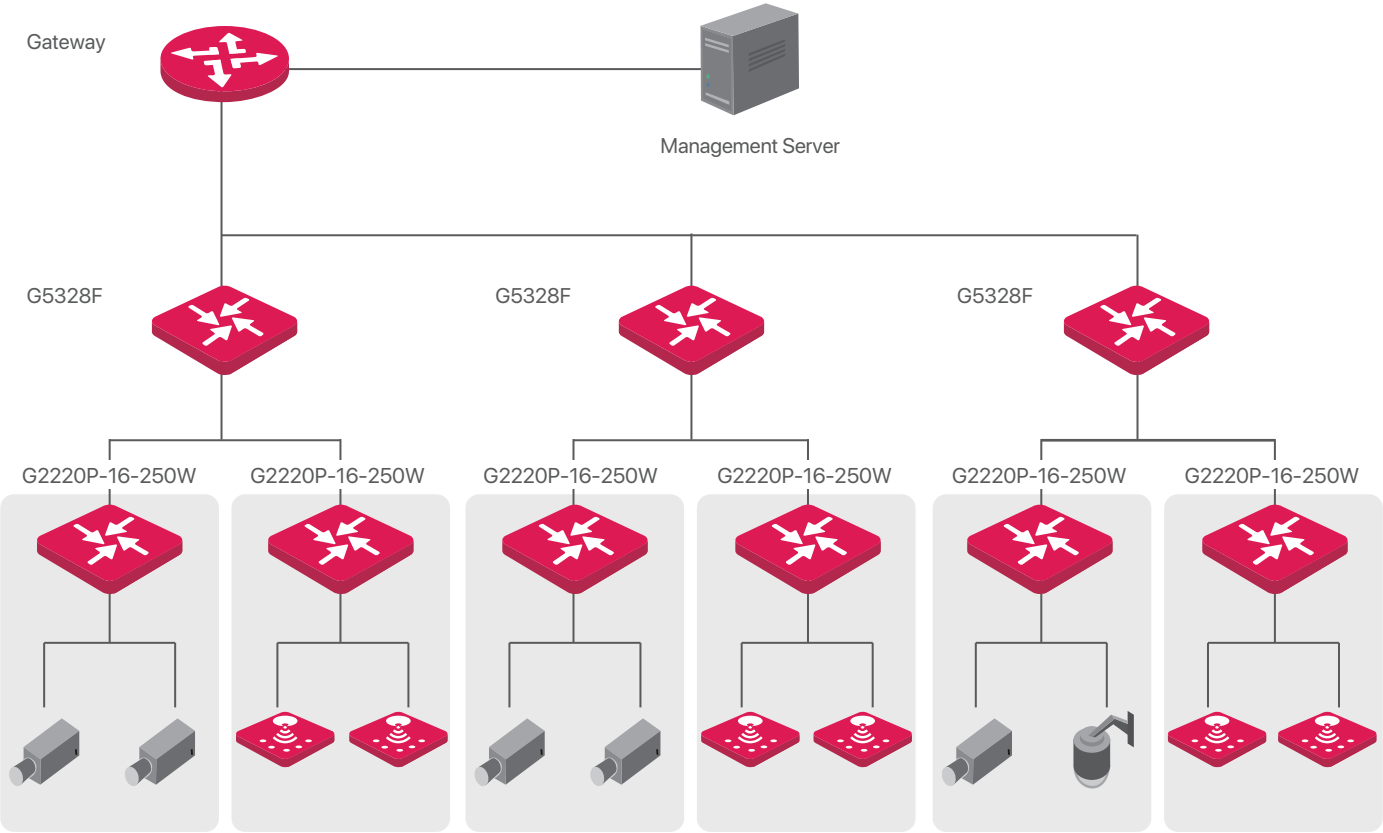
Flexible installation

Supports desktop, wall-mounted, rack and other installation methods

Rich management features

Provides management functions such as QVLAN, VLAN transparent transmission, traffic statistics, port loop prevention, MAC address binding, etc., suitable for a variety of network scenarios

Relevant Info

Gateway

Management Server

G5328F

G5328F

G5328F

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Specifications

Hardware specifications	
Network standards	IEEE802.3, IEEE802.3u, IEEE802.3ab,IEEE802.3af, IEEE802.3at, IEEE802.3x, IEEE802.3z, IEEE802.1p, IEEE802.1q
MTBF	≥50,000hours
LED indicators	One Link/Act LED indicator for each port One PWR LED indicator for each device One SYS LED indicator for each device One PoE-MAX LED indicator for each device
Ports	16*10/100/1000 Base-T Ethernet Ports（Data&power） 2*10/100/1000 Base-T Ethernet Ports（Data） 2*1000 Base-X SFP optical ports
Lightning Protection	≥6KV
Switching Mode	Store-and-forward
Switching Capacity	40Gbps
Forwarding Rate	29.8Mpps
MAC Address Table	8K
Input Voltage	AC：100-240V 50/60Hz
PoE Power Supply	1-16 ports support 802.3af/at standard PoE power supply 1, 2 is +, 3, 6 is -
Dimensions (L × W × H)	440*178*44mm
Power Consumption	Total power consumption: <250W Total power budget: 230W
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
Certification	CE、FCC、RoHS

Specifications

Software specifications	
VLAN	Support VLAN transparent transmission Support IEEE802.1Q VLAN
Port	Support port flow control Support port isolation Support port mirroring and aggregation Support port traffic statistics
Speed limit	Support port entrance and exit speed limit
Anti-ring	Support switch port loop protection
QoS	Support strict priority Supports weighted priority
MAC	Support MAC address table viewing MAC whitelist binding
Storm control	Support port storm control
Loading and Upgrading	Support HTTP upgrade Support configuration import and export
IGMP	Supports IGMP fast leave Supports IGMP Report Suppression
DHCP	Support DHCP Client Support DHCP Snooping
PoE	Support PoE power display Support PoE on and off Support PoE timing
watchdog	7*24 hours automatic operation and maintenance
Management and Maintenance	Support ProFi App management Support ProFi Cloud web UI management Support local web UI management Support ping test

IP-COM
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