



IP-COM G2210P-8-102W Cloud Managed Switch Instructions

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IP-COM

IP-COM G2210P-8-102W Cloud Managed Switch



Product Information

The G2210P-8-102W is a smart cloud-managed PoE switch designed by IP-COM. It features 8 gigabit standard PoE ports with a maximum PoE power output of 92W. The switch can be managed through both the IP-COM ProFi Cloud web UI and App, allowing for easy and efficient network maintenance at a lower cost.

Key Features

- Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE 802.3af/at, IEEE 802.1q standards
- Cloud Management: The switch can be managed through the IP-COM ProFi Cloud web UI and App, allowing for easy network management and monitoring.
- Remote PoE Restart: The switch supports remote PoE restart via the ProFi App, solving the problem of fake crash of cameras in security scenarios.
- Double Uplink Ports: The switch provides 1 gigabit uplink Ethernet port and 1 gigabit uplink SFP port, allowing for flexible cascading scenarios.
- Abundant Management Features: The switch offers network extension up to 250m, QVLAN, VLAN transparent transmission, traffic statistics, loop guard, MAC address binding, and other functions, suitable for various network deployment scenarios.

Product Usage Instructions

Cloud Management:

The G2210P-8-102W switch can be managed through the IP-COM ProFi Cloud web UI and App. To add the switch to cloud management, follow these steps:

1. Scan the QR codes on the switches using the ProFi App.
2. The cloud platform will automatically generate a visible network topology, allowing you to view the operation status of each device in a project anytime and anywhere.

Remote PoE Restart:

To remotely restart the PoE power supply of ports using the ProFi App, follow these steps:

1. Open the ProFi App.
2. Select the G2210P-8-102W switch from the device list.
3. Select the port you want to restart the PoE power supply for.
4. Click on the restart button to remotely restart the PoE power supply for the selected port.

Double Uplink Ports:

The G2210P-8-102W switch provides 1 gigabit uplink Ethernet port and 1 gigabit uplink SFP port. To use these ports for cascading scenarios, follow these steps:

1. Connect the uplink Ethernet port or uplink SFP port of the G2210P-8-102W switch to the downstream switch or network device using appropriate Ethernet cables or SFP modules.

Abundant Management Features:

The G2210P-8-102W switch offers various management features such as network extension up to 250m, QVLAN, VLAN transparent transmission, traffic statistics, loop guard, MAC address binding, and more. To configure these features, follow the instructions provided in the user manual.

Typical Scenario:

The G2210P-8-102W switch is suitable for various scenarios, including SOHO, SMB, and CCTV surveillance. For specific deployment scenarios, refer to the user manual for detailed instructions.

Descriptions

G2210P-8-102W is a smart cloud-managed PoE switch independently designed by IP-COM. The switch provides 8 gigabit standard PoE ports with a maximum PoE power output of 92 W. Besides, the switch can be managed through both the IP-COM ProFi Cloud web UI and App, realizing easy and efficient network maintenance at a lower cost.

Features

- Compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE 802.3af/at, IEEE 802.1q standards
- 9 × 10/100/1000 Base-T Ethernet ports (8 PoE ports), 1 × 100/1000 Base-X SFP port
- 16 K MAC address table and MAC address auto learning
- IEEE 802.3x full-duplex flow control and half-duplex backpressure flow control
- 20 Gbps switching fabric for non-blocking line-speed forwarding
- Maximum PoE output of a single port: 30 W, Total PoE output of the switch: 92 W
- ProFi Cloud web UI and App management
- 250 m network extension, PoE management, QVLAN, VLAN transparent transmission, traffic statistics, loop guard and MAC address binding

USPs

• Cloud Management

The switch can be managed through both the IP-COM ProFi Cloud web UI and App. You can scan the QR codes on the switches to add them in batches for cloud management. The cloud platform will automatically generate a visible network topology for you to view the operation status of each device in a project anytime and anywhere.

• Remote PoE Restart

PoE power supply of ports can be remotely restarted through the ProFi App, solving the problem of fake crash of cameras in security scenarios.

• Double Uplink Ports

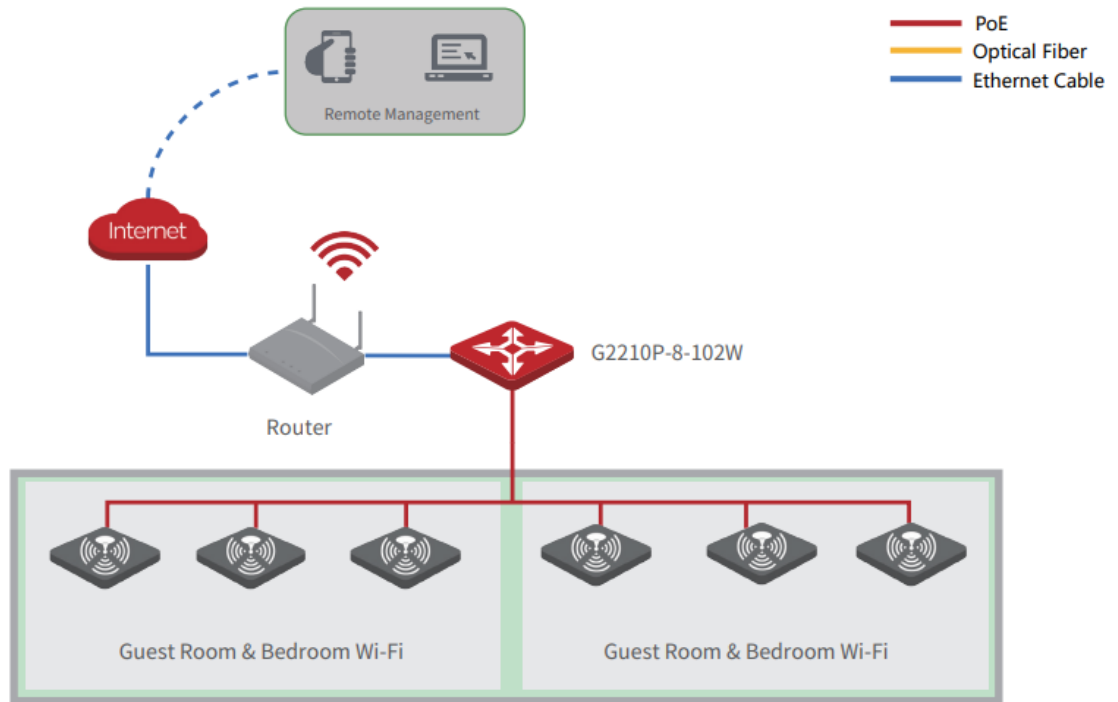
The switch provides 1 gigabit uplink Ethernet port and 1 gigabit uplink SFP port, satisfying various cascading scenarios.

• Abundant Management Features

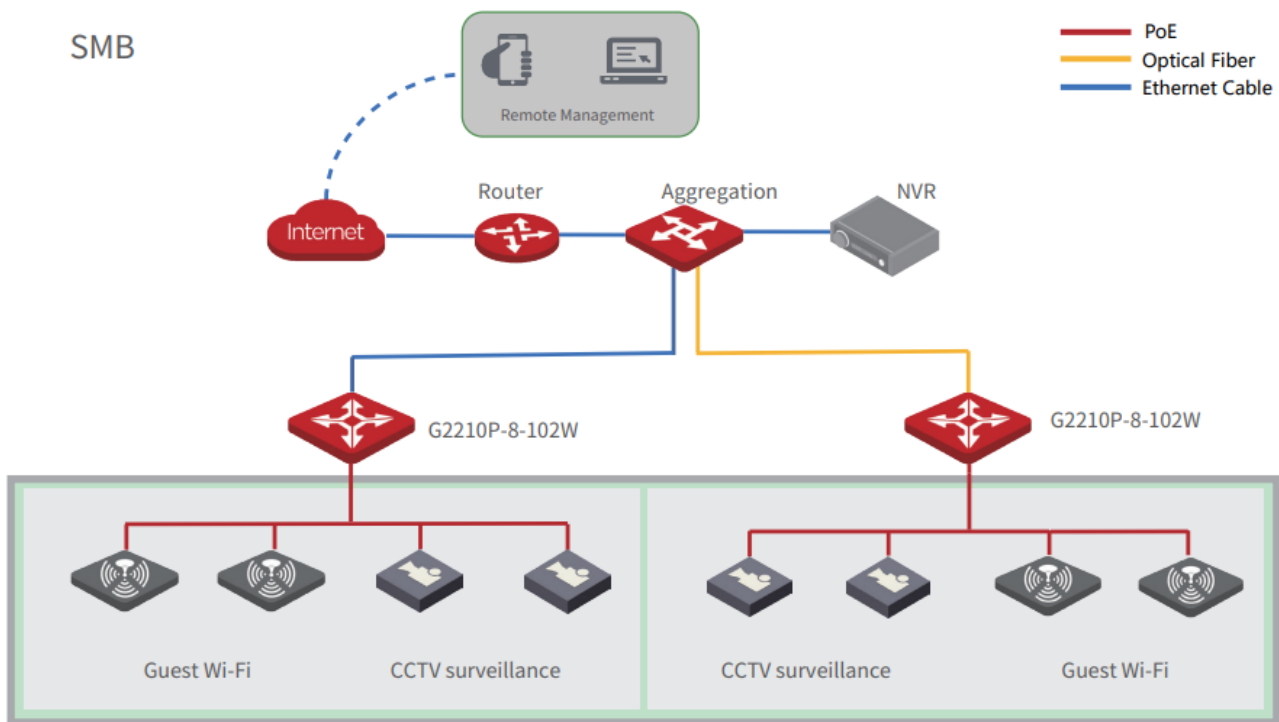
The switch offers network extension up to 250 m, QVLAN, VLAN transparent transmission, traffic statistics, loop guard, MAC address binding and other functions, suitable for various scenarios of network deployment.

Typical Scenario

SOHO



SMB



Specifications



Model	G2210P-8-102W
Hardware Specifications	
Network Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3ab IEEE 802.3x IEEE 802.3z IEEE802.1q IEEE 802.3af IEEE 802.3at
MTBF	≥30,000 hours
LED Indicators	One Link/Act LED indicator for each port One PWR LED indicator for each device One SYS LED indicator for each device
Ports	8 × 10/100/1000 Base-T Ethernet ports (PoE & Data) 1 × 100/1000 Base-T Ethernet port (Data) 1 × 1000 Base-X SFP port
Lightning Protection	≥6 kV
Forwarding Mode	Store-and-forward
Switching Capacity	20 Gbps
Forwarding Rate	14.9 Mpps
MAC Address Table	16 K
PoE Power Supply	IEEE 802.3af/at standards PoE power supply on ports 1-8 Voltage of cores 1, 2, 4, 5 is +, and cores 3, 6, 7, 8 is –
Input Voltage	AC: 100-240V 50/60Hz
Dimensions (L*W*H)	177.5 mm × 104 mm × 26 mm
Total Power Consumption	Total power consumption: <102 W Maximum PoE output: 92 W
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

Software Features	
PoE Management	Support dynamic display of PoE consumption power and PoE remaining power Support PoE ports on and off
Security Features	Support whitelist binding of MAC addresses, ports and VLAN
VLAN	Support VLAN transparent transmission Support IEEE 802.1q VLAN
Port Properties	Support port flow control Support port isolation Support N:1 port mirroring Support port statistics of received and transmitted packets, conflict packets and CRC error packets
Rate Limit	Support ingress and egress rate limits on ports
Loop Guard	Support loop guard on each port
Storm Control	Support storm control on ports
Upgrade, Import and Export	Support HTTP upgrade Support configuration import and export
Management and Maintenance	Support ProFi App management Support ProFi Cloud web UI management Support local web UI management Support ping test Support cable test

ABOUT COMPANY

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Documents / Resources

	<p>IP-COM G2210P-8-102W Cloud Managed Switch [pdf] Instructions</p> <p>G2210P-8-102W, G2210P-8-102W Cloud Managed Switch, Cloud Managed Switch, Managed Switch, Switch</p>
	<p>IP-COM G2210P-8-102W Cloud Managed Switch [pdf] Installation Guide</p> <p>102WV1.0, G2210P-8-102W, G2210P-8-102W Cloud Managed Switch, Cloud Managed Switch, Managed Switch, Switch</p>

References

-  [IP-COM United States](#)

Manuals+.