

# G1109P-8-102W

9-Port Gigabit Unmanaged Switch With  
8-Port PoE

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## 9-Port Gigabit Unmanaged Switch With 8-Port PoE

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### Products Description

G1109P-8-102W is a 9-Port Gigabit Desktop Switch With 8-Port PoE developed by Tenda. It provides 8 10/100/1000 BASE-TX RJ45 ports. Ports 1 to 8 support IEEE 802.3af PoE standard with each port providing power of 15.4W, or support IEEE 802.3at PoE+ standard with each port providing power of 30W. The whole switch provides power up to 92W. By using CAT5 twisted pairs, it can provide power and transmit data to APs, IP cameras, IP phones, and so on. In addition, all ports support 6 kV lightning protection, Port based VLAN, making your network deployment more convenient and cost-effective.



- 9 10/100/1000Mbps RJ45 ports with 8 port PoE
- Desktop installation
- Plug and play, Without configuration

## Key Feature

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- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3af/at
  - Store & forward, share memory, non-blocking architecture
  - Supports MAC address self-learning and auto MDI/MDIX
  - Provide 9 10/100/1000Mbps auto-negotiation ports with 8-port PoE
  - Ports 1-8: IEEE 802.3af/at PoE ports
  - Supports full-duplex 802.3x flow control and half-duplex backpressure flow control
  - Supports 16K MAC address list, MAC address learning and auto-ageing
  - Supports port Inductive Lightning Protection up to 6KV
  - Fanless design
  - maximum power output of the switch: 92W
  - Hardware DIP switch for selection among the Standard, VLAN modes.
- Desktop Design

## Product Features

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### 9-Port gigabit & large packet

Eight gigabit PoE ports, one gigabit uplink port, and 2Mb built-in packet buffer outstand in comparison, ensuring smooth transmission of large files and HD videos.

### 92W PoE power supply

Ports 1-8 comply with the IEEE802.3af and IEEE802.3at power supply standards. The entire switch offers a maximum PoE power output of 92W, whereas each ports offers a maximum PoE power output of 30W. The ports provide DC power and data transmission with APs and IP cameras.

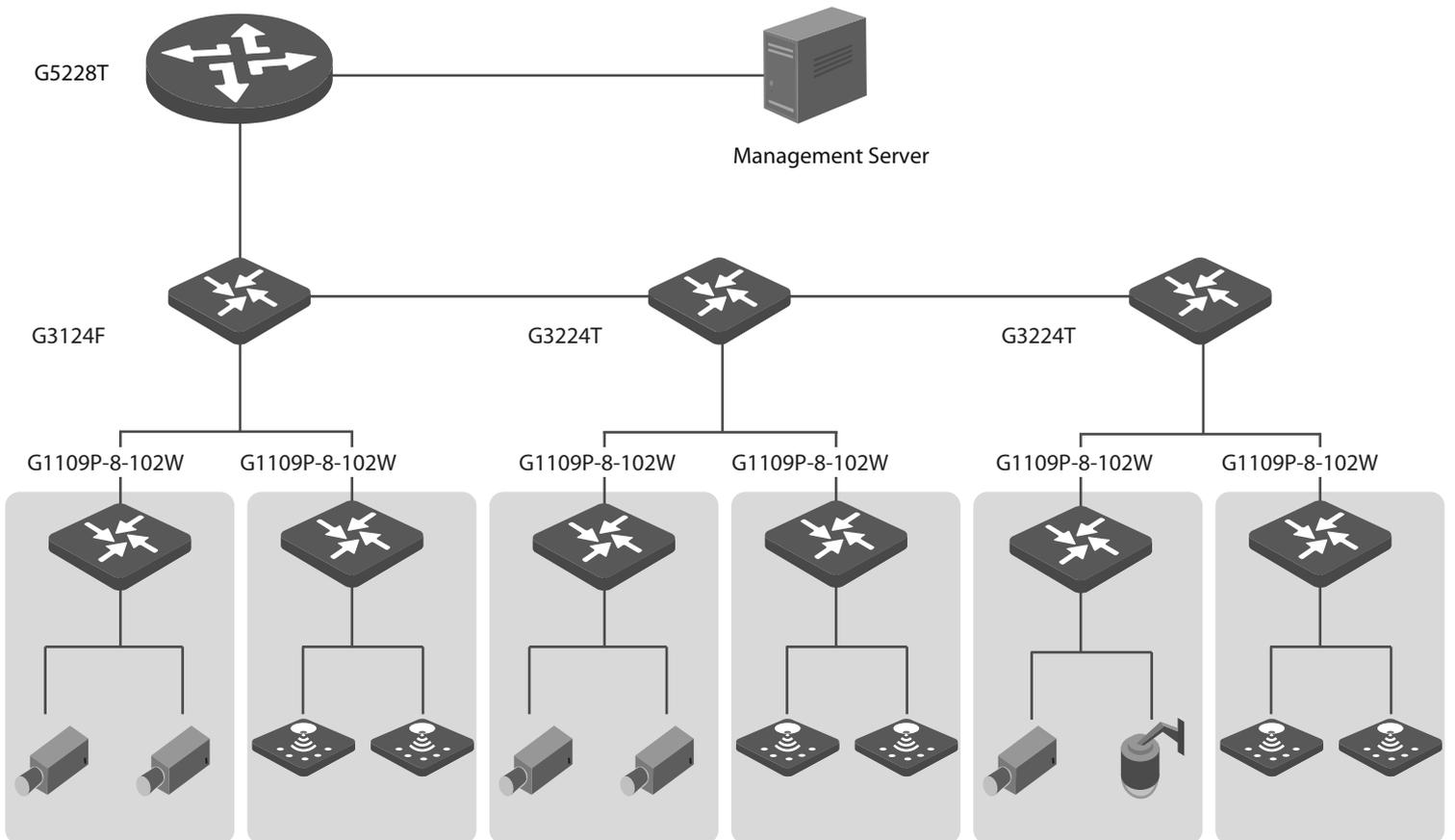
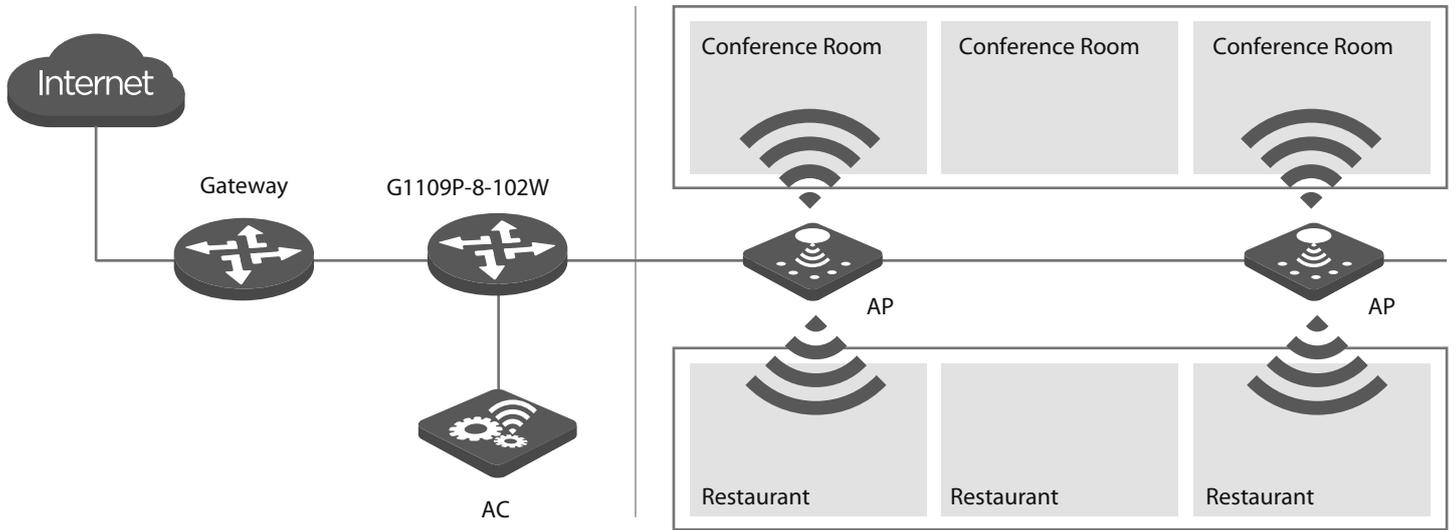
### Excellent Lightning-Proof design

Integrated professional lightning-proof circuit which supports uplink port and power supply lightning-proof (common mode protection 6KV). Effectively reduce the damage to the network system caused by the thundery weather.

### 2 Network operation modes offered

Hardware DIP switch for selection among the Standard, VLAN modes. Switch to VLAN mode to prevent broadcast storm and defend against DHCP spoofing .

# Application Scenarios



Product Model	G1109P-8-102W v1.0
Hardware Features	
Standard&Protocol	IEEE 802.3/IEEE 802.3u/IEEE 802.3ab/IEEE 802.3x/ IEEE 802.3af/IEEE 802.3at
Indicator	9*Link/Act per device 1*Power per device
Interface	8 10/100/1000Base-T ports(Data/Power) 1 10/100/1000Base-T ports(Data)
Port Lightning Protection	6KV for uplink port
Store and forward	Yes
Exchange Capacity	16 Gbps
Packet forwarding rate	13.4Mpps
Packet buffer	2Mb
MAC Address Table	16K
PoE supply management	Port 1-8 support IEEE802.3at/af PoE standard
PoE through pin	1 2 4 5 +;3 6 7 8 -
Voltage input range	AC: 100-240V~50/60Hz
Dimensions ( W x D x H )	177.5*104*26mm
Power Consumption	In full configuration: 102W PoE Max Power Supply: 92W
Port Features	Standard: the switch functions as a common unmanaged switch and all the ports of the switch can communicate with each other.  VLAN: ports 1 to 8 are isolated from each other, but can communicate with ports 9 (uplink port) respectively.
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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World Wide Wireless

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