IP-COM
World Wide Wireless

# G1116P-16-150W

## 16-Port Gigabit Desktop/Rackmount Switch With 16-Port PoE

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## Products Description

G1116P-16-150W is a IP-COM switch that offers 16 10/100/1000M RJ45 ports.Ports 1-16 comply with the IEEE802.3af standard (maximum PoE power output : 15.4w) and 802.3at standard (maximum PoE power output: 30 W). The switch offers a maximum PoE power output of 135W and can supply power to exchange data with APs, IP cameras, and IP phones through CAT5e cables. It also provides simple management modes such as CCTV, VLAN, and Isolation to help reduce cabling costs of IP terminals : APs and IP cameras.




- 16 10/100/1000Mbps RJ45 ports with 16 port PoE
- Desktop and wall-mount
- Plug and play, Without configuration

# Key Feature

- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab
- Store & forward, share memory, non-blocking architecture
- Supports MAC address self-learning and auto MDI/MDIX
- Provide 16 10/100/1000Mbps auto-negotiation ports with 16-port PoE
- Ports 1-16: IEEE 802.3af/at PoE ports
- Supports full-deplux 802.3x flow control and half-duplux backpressure flow control
- Supports 8K MAC address list, MAC address learning and auto-ageing
- Supports port Inductive Lightning Protection up to 6KV
- maximum power output of the switch: 135W
- Hardware DIP switch for selection among the Standard, CCTV, VLAN, and Isolation modes.

# Product Features

**135W PoE power supply**

Ports 1-16 comply with the IEEE802.3af and IEEE802.3at power supply standards. The entire switch offers a maximum PoE power output of 135W, whereas each ports offers a maximum PoE power output of 30W. The ports can be used to supply power to and exchange data with APs and IP cameras.

**Excellent Lightning-Proof design**

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

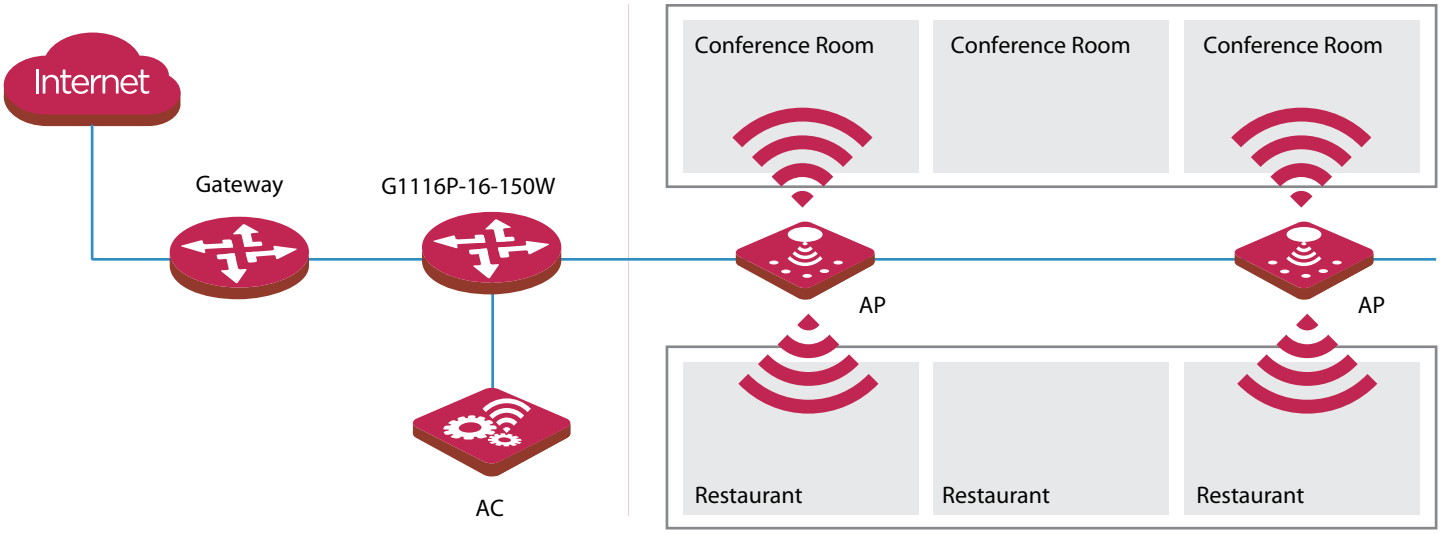
**4 Network operation modes offered**

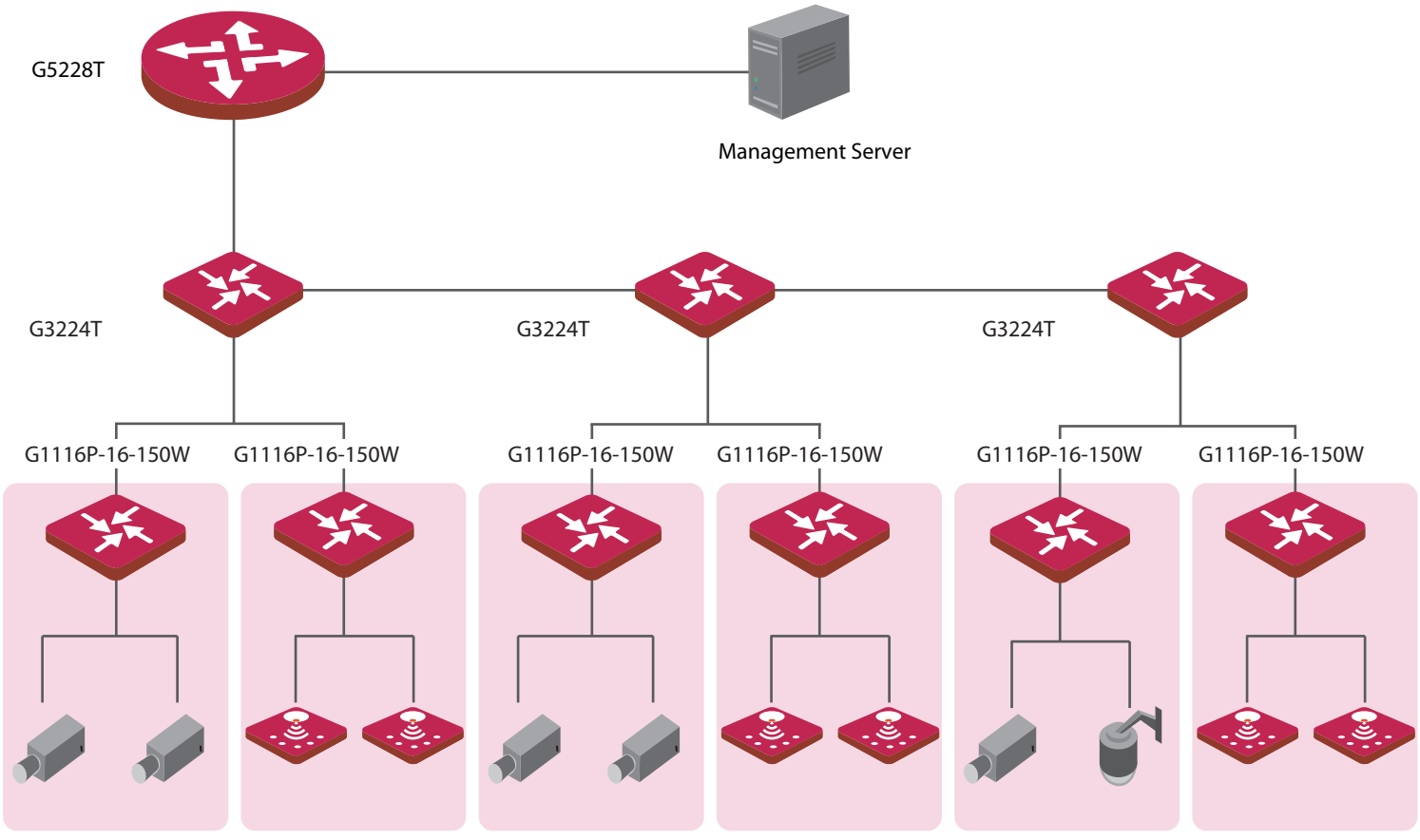
Hardware DIP switch for selection among the Standard, CCTV, VLAN, and Isolation modes. Hardware DIP switch to isolate ports to prevent broadcast storm and defend against DHCP spoofing .

**Easy to use**

Plug-and-play. which helps you quickly build Gigabit wired network and greatly simplify the management and maintenance of equipment， supports desktop and rack-mount, easy to install.

# Application Scenarios



| Product Model | G1116P-16-150W v1.0 |
|---|---|
| Hardware Features | |
| Standard&Protocol | IEEE 802.3/IEEE 802.3u/IEEE 802.3ab/IEEE 802.3x/<br>IEEE 802.3af/IEEE 802.3at |
| Indicator | 16*Link/Act per device<br>16*PoE per device<br>1*Power per device |
| Interface | 16 10/100/1000Base-T ports(Data/Power) |
| Port Lightning Protection | 6KV |
| Store and forward | Yes |
| Exchange Capacity | 32 Gbps |
| Packet forwarding rate | 23.6Mpps |
| | |
| MAC Address Table | 8K |
| PoE supply management | Port 1-16 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 ) | 294*178*44mm |
| Power Consumption | in full configuration:<150W<br>PoE Max Power Supply:135W |
| Port Features | Standard: the switch functions as a common unmanaged switch and all the ports of the switch can communicate with each other.<br>CCTV: the port cache is optimized and PoE ports 1-8 have higher priorities over the other ports. All the ports of the switch can communicate with each other.<br>VLAN: ports 1 to 14 are isolated from each other, but can communicate with ports 15 and 16 (uplink ports) respectively.<br>Isolation: ports 1 to 8 and Ports 9 to 16 belong to two different VLAN.This mode can be used to isolate supervision network and wireless network to make them not interfere with each other. |
| Environment | Operating Temperature: 0℃~40℃ (32℉~104℉)<br>Storage Temperature: -40℃~70℃ (-40℉~158℉)<br>Operating Humidity: 10%~90% non-condensing<br>Storage Humidity: 5%~90% non-condensing |