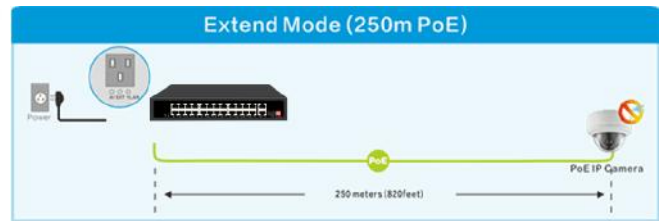




24-Port 10/100M PoE Switch with 2 Gigabit Uplink



Key Features:

Ports: Provide 24*10/100Mbps PoE ports and 2*10/100/1000MbpsRJ45 and 1 Gigabit SFP Uplink

PoE Standard: IEEE802.3af/at Power over Ethernet (PoE) Compliant

Total Power: Total power budget of 300W and 30W for all single PoE ports

AI Mode: automated PD monitoring and real-time PoE status.

Extend Mode: Extend PoE up to 250m on one single cable

VLAN Mode: features port-based VLAN function that helps to prevent the IP camera's multicast or broadcast storm from influencing each other.

Wide Application: Designed for Wi-Fi AP and IP Security camera. VoIP etc.

Surge protection: Protect the device from lightning surges and others electrical hazards

Versatile PoE Port

Featuring 24* 10/100Mbps PoE ports which support IEEE802.3af/at standard and 2 * 10/100/1000Mbps and 1*1.25G SFP Uplink. the PoE switch provides Maximum power budget of 300W and 30W for single PoE ports separately, allowing users to have several different Networking products configured



AI Mode Powered Device Alive Check

The SP5200-24PFE2GE1GF-AI adopts not only PoE technology, but also automated PD monitoring and real-time PoE status. It also will greatly enhance the network reliability in that the PoE port will reset the PD power, thus reducing administrator's management burden.



Flexible Extend Mode

With the extend mode, the PoE Switch Series is able to offer more flexible choices for long range transmission, extending the distance up to 250m, which is greatly helpful to bring better user experience.



VLAN Mode

24PFE2GE1GF-AI

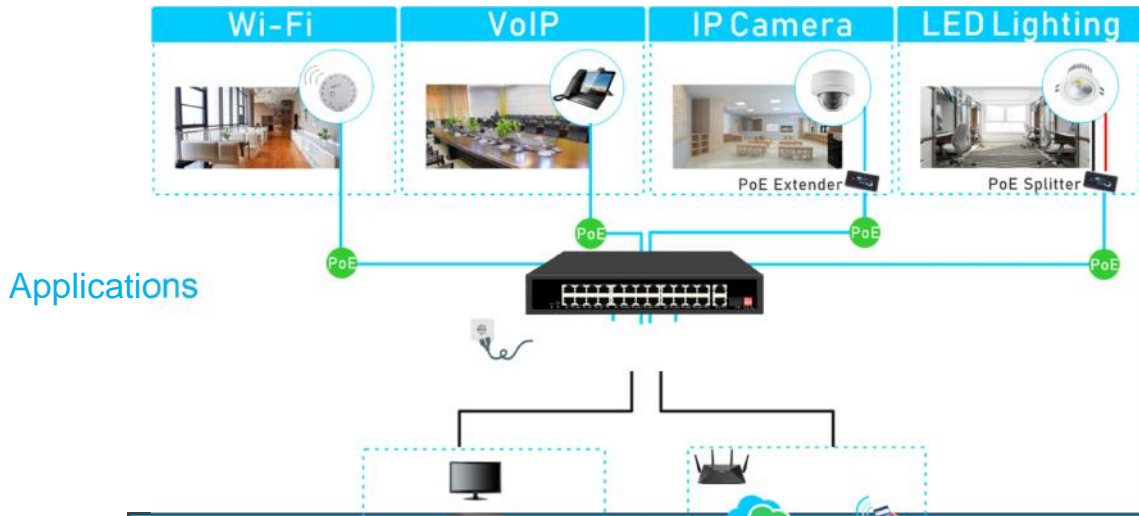
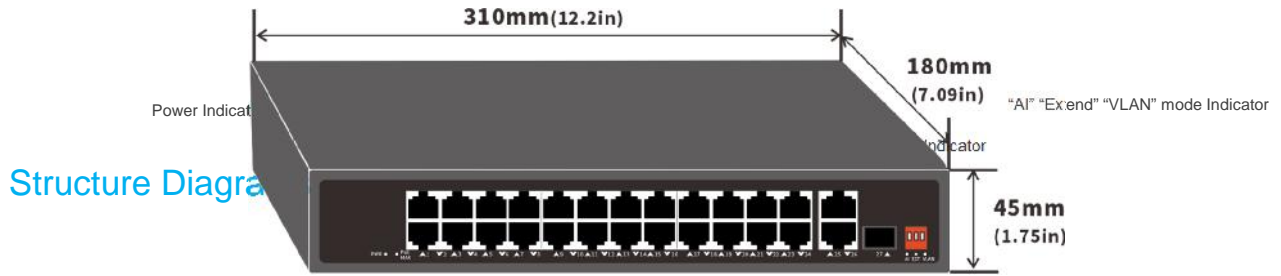
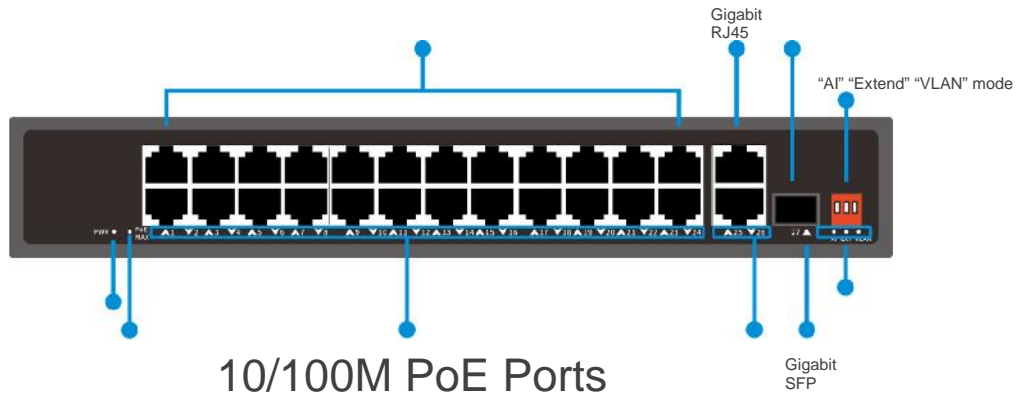
24-Port 10/100M PoE Switch with 2 Gigabit RJ45 and 1 Gigabit SFP Uplink

Technical Datasheet

| | | |
|---|--|----------|
| Model | SP5200-24PFE2GE1GF-AI | |
| Hardware Specifications | | |
| Connector | 24* 10/100BASE-T RJ45 auto MDI/MDIX ports 2* 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 1* 1.25G Base-X SFP Slots | |
| PoE Port | 24* 10/100Mbps POE PSE port | |
| LED indicators | Power Indicator: PWR(green). Network and PoE Working Indicator: (green) | |
| Switch Architecture | Store and Forward | |
| Transmission model | IEEE802.3X full-duplex and Backpressure half-duplex | |
| Switch Performance | Backplane bandwidth | 12.8Gbps |
| | Packet forwarding rate | 7.2Mpps |
| | MAC address | 4k |
| Power requirement | AC100-240V 50/60Hz | |
| ESD Protection | 6KV ESD | |
| Dimension(WxDxH) | 310mm x 180mm x 44.5mm(12.2in x 7.09in x 1.75in) | |
| Weight | <2.5kg | |
| Power over Ethernet (PoE) Specifications | | |
| Network standard | IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3az EEE | |
| PoE Standard | IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE | |
| PoE Supply Type | 1/2(+), 3/6(-) End-span | |
| PoE Power Output | Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at) | |
| PoE Power budget | 300W | |
| Environment | | |
| Safety | FCC Part15 Class A, CE, RoHs | |
| Environment specification | Operating temperature: -20℃~55℃ , operating humidity: 5%~95% | |
| | Storage temperature: -40℃~75℃ , storage humidity: 5%~95% | |

24PFE2GE1GF-AI

24-Port 10/100M PoE Switch with 2 Gigabit RJ45 and 1 Gigabit SFP Uplink



| Ordering Information | |
|-----------------------|--|
| SP5200-24PFE2GE1GF-AI | 24 Ports 10/100Mbps PoE switch with 2 Gigabit RJ45 and 1Gigabit SFP Uplink, 6KV surge protection, IEEE802.3af/at |

SP5200-24PFE2GE1GF-AI