BCZW

24 Ports 10/100/1000Mbps PoE Switch with 2 Gigabit SFP

2 YEAR EXCLUSIVE WARRANTY

802.3at **PoE+** 802.3af

PoE WatchDog

6KV Lightning Protection

SP5220-24PGE2GF

Key Features:

Ports: Provide 24*10/100/1000Mbps PoE ports and   2 *1.25Gbps SFP Uplink

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

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

Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX

Wide Application: Designed for Wifi AP and IP Security camera.VoIP etc

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

Considerate Design: Rack mount installation with fanless design

**Easy to use:** Plug and play, No configuration required

Versatile PoE Port

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

802.3at **30W**

802.3af **15.4W**

Door Phone | PTZ Camera | 11.ac WiFi-AP | IP Speaker

IP Phone | IP Camera | SOHO WiFi-AP

Surge Protection Design

Reaching 6KV surge protection, the PoE ports owns the capacity to keep the PoE Switch from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments.
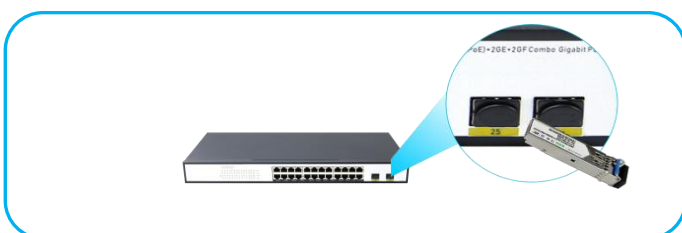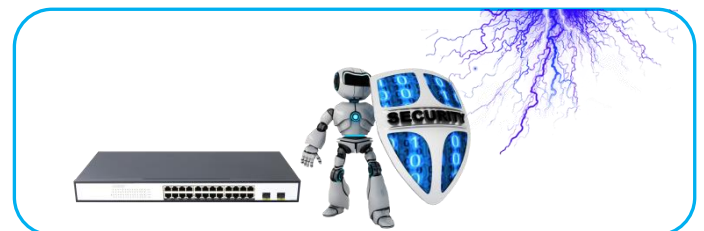
Gigabit SFP Uplink Port

With SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring, Beside the SFP can transmitte the date with Max 100Km distance with more economic solution

SP5220-24PGE2GF

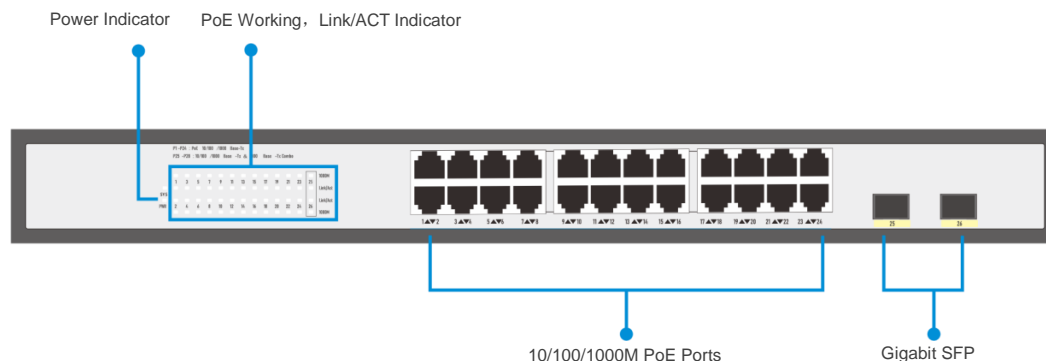## 24-Ports 10/100/1000M PoE Switch with 2 Gigabit SFP Uplink

Technical Datasheet

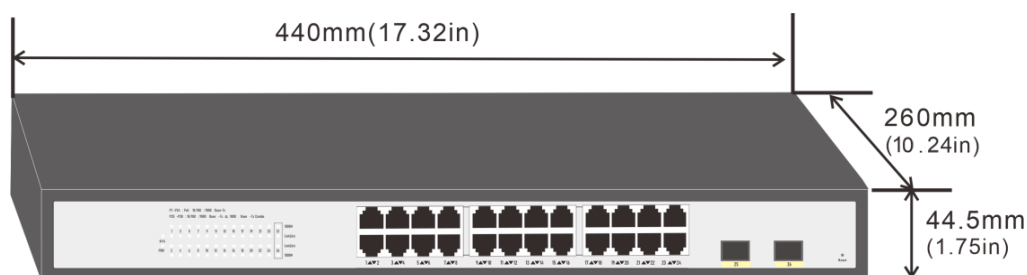| Model	SP5220-24PGE2GF	
Hardware Specifications		
Connector	24* 10/100/1000MBASE-T RJ45 auto MDI/MDIX ports 2* 1.25G Base-X SFP Slots	
PoE Port	24* 10/100/1000Mbps POE PSE port	
SFP	Singe fiber/Dual fiber supported. Distance vary the module	
Thermal Fan	Fanless Design	
LED indicators	Power Indicator: PWR(green). Network Indicator: Link(yellow) PoE Working Indicator: PoE(green)	
Switch Architecture	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	64Gbps
	Packet forwarding rate	42Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(W×D×H)	440mm x 260mm x 44.5mm(17.32in x 10.24in x 1.75in)	
Weight	<4.2kg	
Power over Ethernet (PoE) Specifications		
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE 802.3ab Gigabit 1000BASE-T IEEE 802.3z Gigabit SX/LX 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: -20℃~75℃，storage humidity: 5％~95％	

Interfaces

Power Indicator PoE Working，Link/ACT Indicator

10/100/1000M PoE Ports

Gigabit SFP

Structure Diagrams

440mm(17.32in)

260mm (10.24in)

44.5mm (1.75in)

Applications

Wi-Fi

VoIP

IP Camera

PoE Extender

LED Lighting

PoE Splitter

SP5220-24PGE2GF

Local Lan

Internet
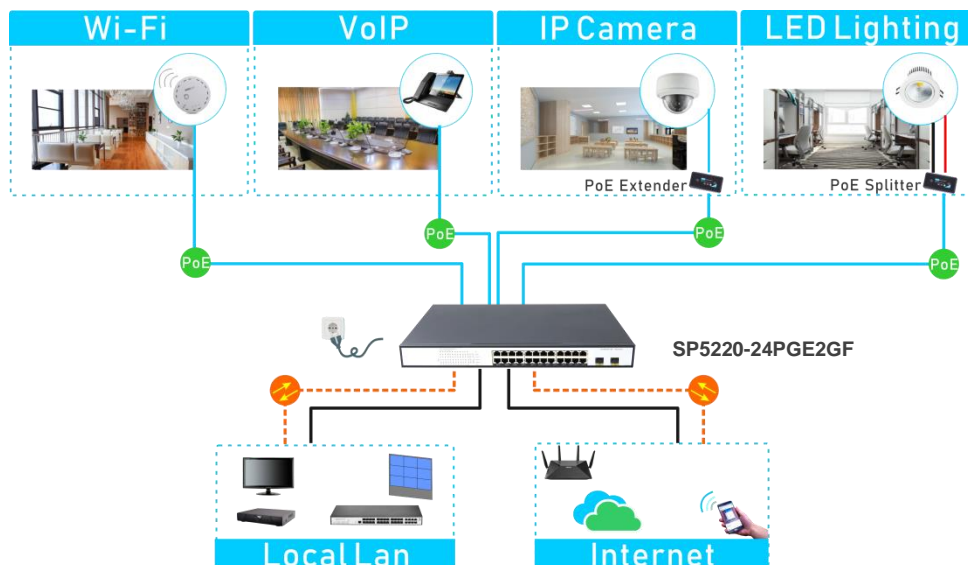
Ordering Information	
SP5220-24PGE2GF	24 Ports 10/100/1000Mbps PoE switch with 2 Gigabit SFP Uplink,6KV surge protection,IEEE802.3af/at