



## 16-Port 10/100/1000Mbps Ultra PoE Switch with 4 1000M Combo Uplink



SP7200-16PGE4GC-4BT

### Key Features:

**Ports:** Provide 16\*10/100/1000Mbps PoE ports and 4 \*1000Mbps Combo Uplink

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

**Total Power:** Total power budget of 500W and 60W for 1-4 PoE ports and 30W for 5-24 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 fan design

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

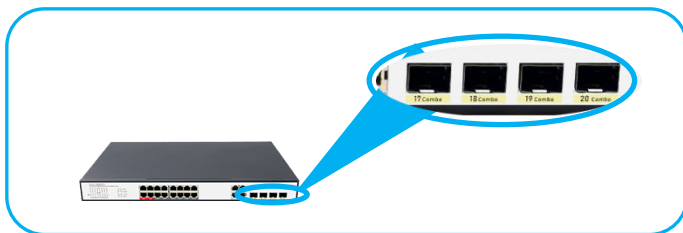
### Versatile PoE Port

Featuring 16\* 10/100/1000Mbps PoE ports which support IEEE802.3af/at/bt standard and 4 \* 1000Mbps Uplink and 4 Gigabit SFP ports. the Benchu Group Ultra PoE switch provides Maximun power budget of 500W and 60W for 1-4 PoE ports and 30W for 5-16 PoE Ports sepectively ,allowing users to have several different Networking products configured



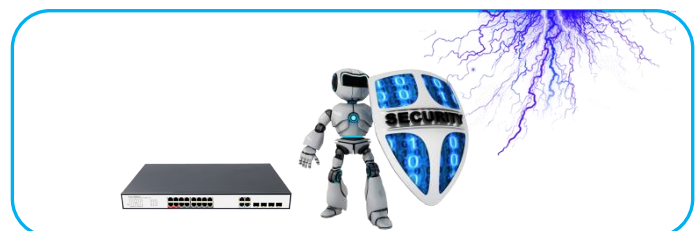
### 4 Gigabit SFP Uplink Port

With 4 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 transmittre the date with Max 100Km distance with more economic solution



### 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.



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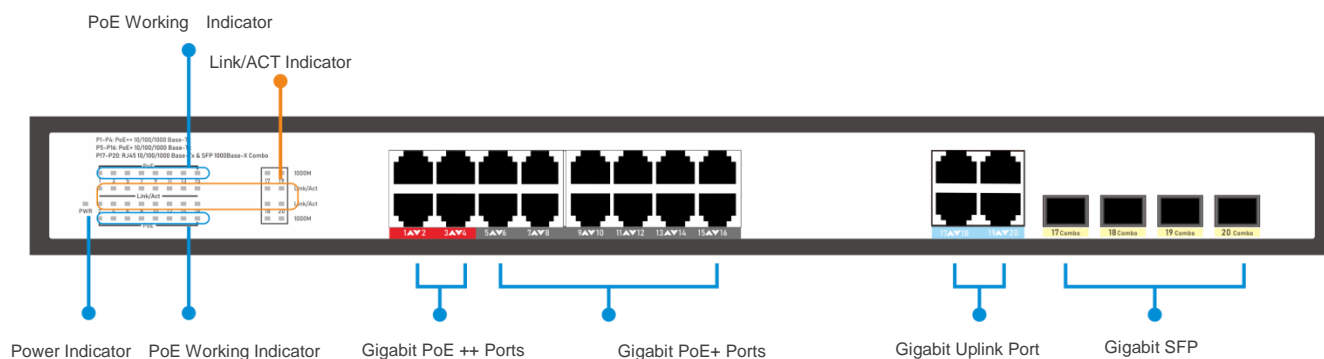
## Technical Datasheet

Model	SP7200-16PGE4GC-4BT		
Hardware Specifications			
Connector	20 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 4 1000 Base-X SFP Slots		
PoE Port	1-4 10/100/1000Mbps POE++ PSE port (bt 60W) 5-16 10/100/1000Mbps POE PSE port(at 30W)		
SFP	Singe fiber/Dual fiber supported. Distance vary the module		
Thermal Fan	Fan 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	47.62Mpps	
	MAC address	16k	
Power requirement	AC100-240V 50/60Hz		
ESD Protection	6KV ESD		
Dimension(WxDxH)	440mm x 290mm x 44.5mm(17.32in x 11.42in x 1.75in)		
Weight	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 IEEE802.3bt Power over Ethernet IEEE802.3az EEE		
	PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE+ EEE 802.3bt Power over Ethernet Plus+/PSE++	
		PoE Supply Type	1-4 Ports 1/2/4/5(+), 3/6/7/8(-) 5-16 Ports 1/2(+), 3/6(-) End-span
			PoE Power Output
	PoE Power budget	500W	
	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%		

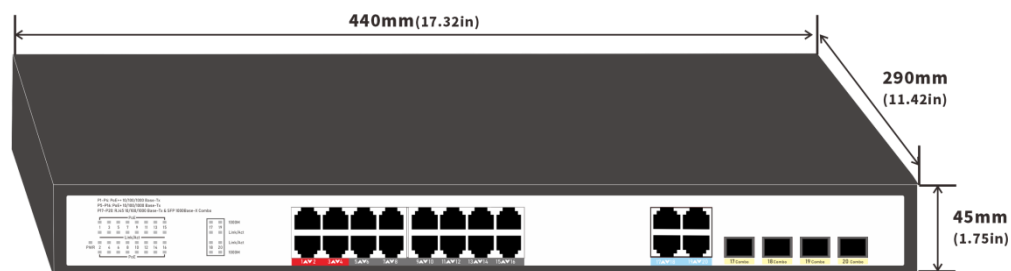
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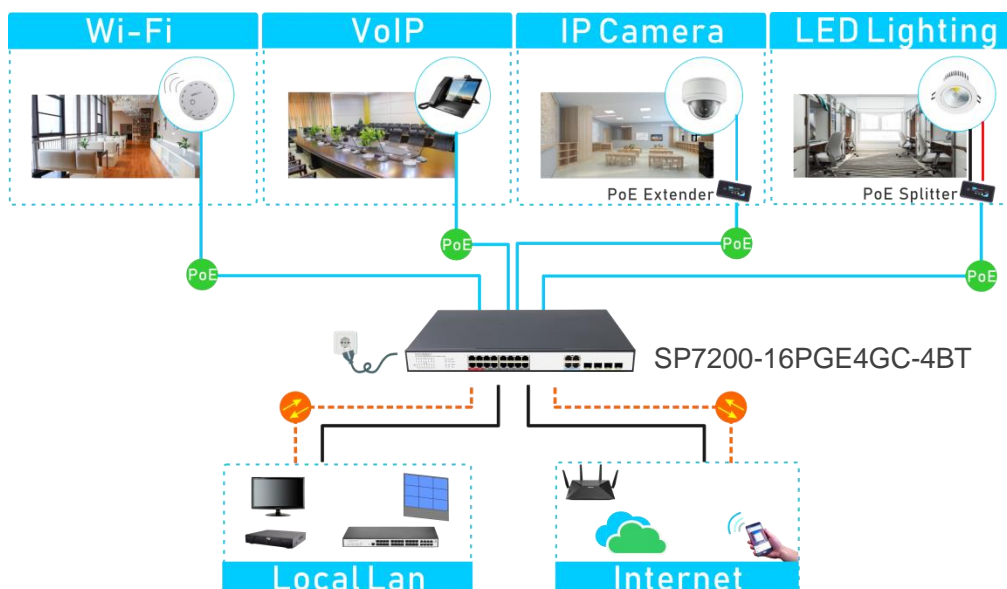
## Interfaces



## Structure Diagrams



## Applications



### Ordering Information

SP7200-16PGE4GC-4BT	16 Ports 10/100/1000Mbps Ultra PoE switch with 4 Gigabit Combo Uplink, 6KV surge protection, IEEE802.3af/at
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