



8-Port 10/100/1000Mbps Ultra PoE Switch with 2 Gigabit RJ45 and 1 SFP Uplink



SP7200-8PGE2GE1GF-BT

Key Features:

Ports: Provide 8*10/100/1000Mbps PoE+ ports and 2 *1000Mbps RJ45 and 1 Gigabit SFP Uplink

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

Total Power: Total power budget of 300W and 1-8ports with 60W output

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 lightning surges and others electrical hazards

Considerate Design: Exquisite compact size with fanless design

Easy to use: Plug and play, No configuration required

Versatile PoE Port

Featuring 8* 10/100/1000Mbps PoE++ ports which support IEEE802.3af/at/bt standard and 2 * 1000Mbps RJ45 and 1Gigabit SFP Uplink ports. the Benchu Group Ultra PoE switch provides Maximun power budget of 300W and 60W for PoE ports (1-8ports) sepectively,allowing users to have several different Networking products configured



802.3bt PoE++ 60watt Power over 8-pair UTP

Ultra PoE switch adopts the IEEE 802.bt PoE++ standard and PoH technology, it is capable to source up to 65 watts of power by using all the four pairs of standard Cat5e/6 Ethernet cabling to deliver power and full-speed data to each remote PoE compliant powered device (PD)



Surge Protection Design

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



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8-Port 1000M Ultra PoE Switch with 2 Gigabit RJ45 and 1 SFP Uplink

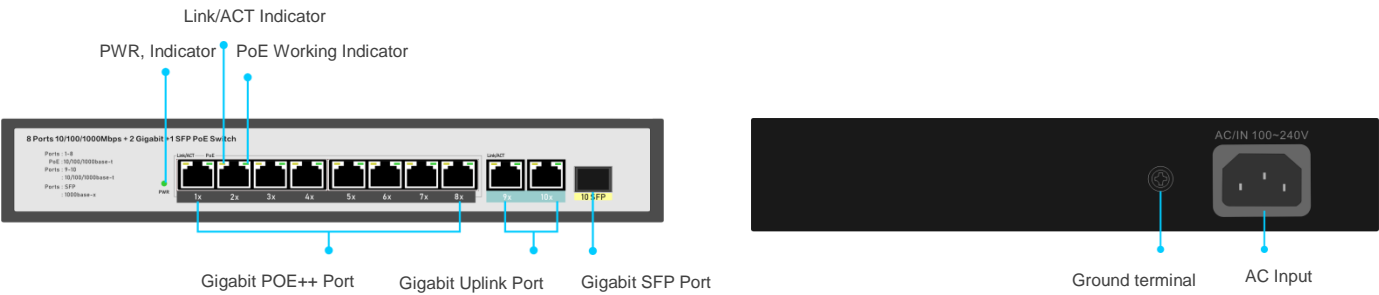
Technical Datasheet

Model	SP7200-8PGE2GE1GF-BT	
Hardware Specifications		
Network Connector	8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
	2 10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
	1 1000BASE-X SFP	
PoE Port	8 10/100/1000Mbps POE+6 PSE port	
LED indicators	Power Indicator: PWR(green).	
	Network Indicator: Link(green).	
	PoE Working Indicator: PoE(green)	
Switch Architecture	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	24Gbps
	Packet forwarding rate	17.86Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(WxDxH)	330mm x 220mm x 44.5mm(12.99in x 8.66in x 1.75in)	
Weight	3.5Kg	
Power over Ethernet (PoE) Specifications		
Network standard	IEEE802.3i 10 BASE-T	
	IEEE802.3u 100 BASE-TX	
	IEEE 802.3ab Gigabit 1000BASE-T	
	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/at Power over Ethernet/PSE	
	IEEE 802.3bt Power over Ethernet Plus/PSE	
PoE Supply Type	12/45(+), 36/78(-)	
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)	
	Per Port 52V DC, 1200mA. max. 60 watts (IEEE 802.3bt) (1—4 Ports)	
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%	

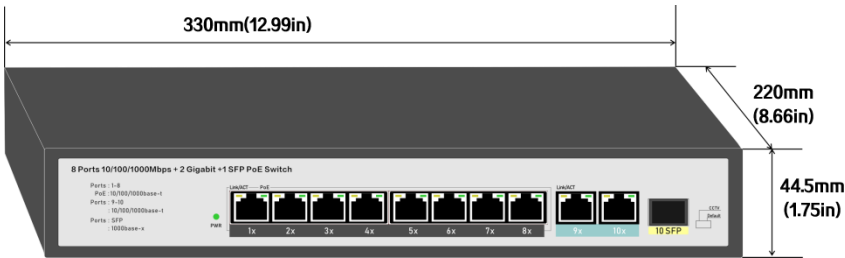
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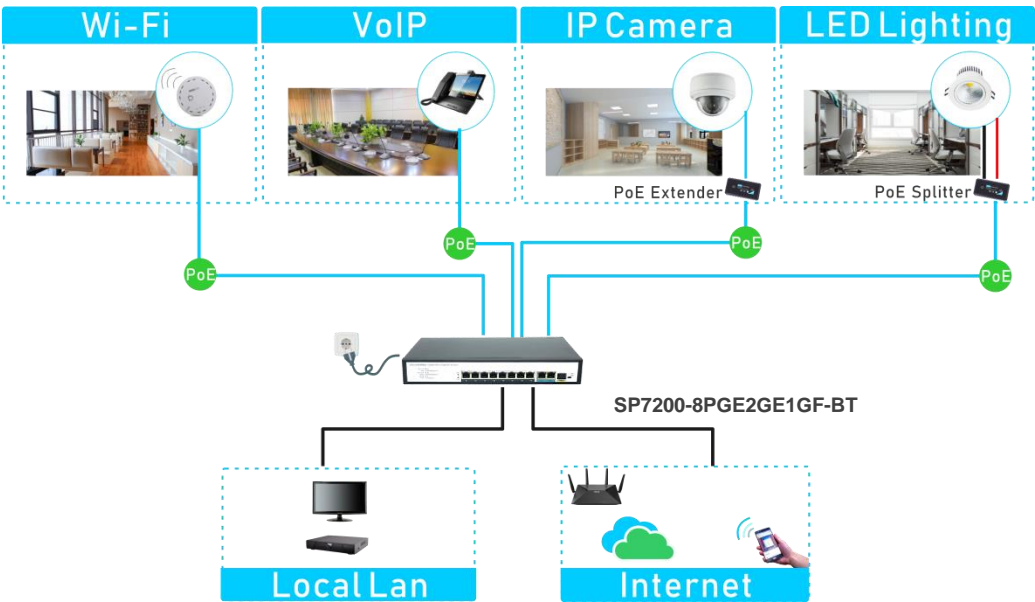
Interfaces



Structure Diagrams



Applications



Ordering Information

SP7200-8PGE2GE1GF-BT	8 Ports 10/100/1000Mbps Ultra PoE switch with 2 Gigabit RJ45 and 1 Gigabit SFP Uplink, 6KV surge protection, 1-8Ports IEEE802.3bt.
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