



# 8-Port 10/100/1000Mbps PoE Switch with 2 1000M Uplink



## SP5200-8PGE2GE

802.3at <b>PoE+</b> 802.3af	<b>PoE</b> WatchDog 	<b>UTP</b> Extend -250m
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### Key Features:

- Ports:** Provide 8\*10/100/1000Mbps PoE ports and 2 \*1000Mbps Uplink
- PoE Standard:** IEEE802.3af/at Power over Ethernet (PoE) Compliant
- Total Power:** Total power budget of 100W and 30W for all single PoE ports
- Self-adaption:** RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX
- Extend Mode:** Extend PoE up to 250m on one single cable
- 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 standard and 2 \* 1000Mbps Uplink ports. the Benchu Group PoE switch provides Maximun power budget of 100W and 30W for single PoE ports sepectively,allowing users to have several different Networking products configured

802.3at 30W				
802.3af 15.4W				



### 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.

### 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 more reliable performance even in some harsh environments.



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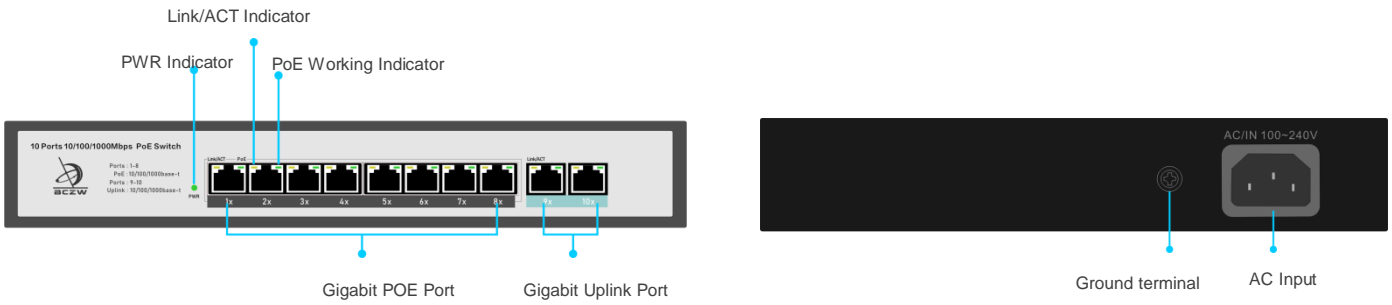
## Technical Datasheet

<b>Model</b>	<b>SP5200-8PGE2GE</b>	
<b>Hardware Specifications</b>		
Network Connector	8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2 10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
PoE Port	8 10/100/1000Mbps POE PSE port	
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	20Gbps
	Packet forwarding rate	14.88Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(WxDxH)	270mm x 180mm x 44.5mm(10.62in x 7.09in x 1.75in)	
Weight	1.4Kg	
<b>Power over Ethernet (PoE) Specifications</b>		
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	
PoE Standard	IEEE802.3az EEE	
	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	120W	
<b>Environment</b>		
Safety	FCC Part15 Class A,CE,RoHs	
Environment specification	Operating temperature: -20°C~55°C, operating humidity: 5%~95%	
	Storage temperature: -20°C~75°C, storage humidity: 5%~95%	

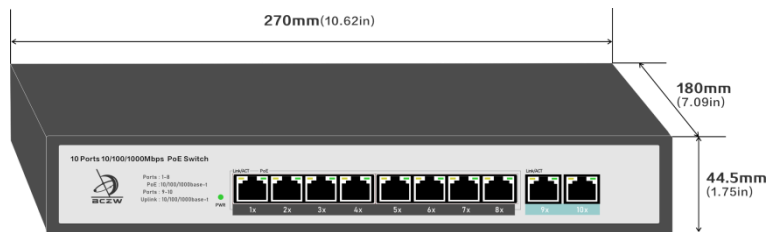
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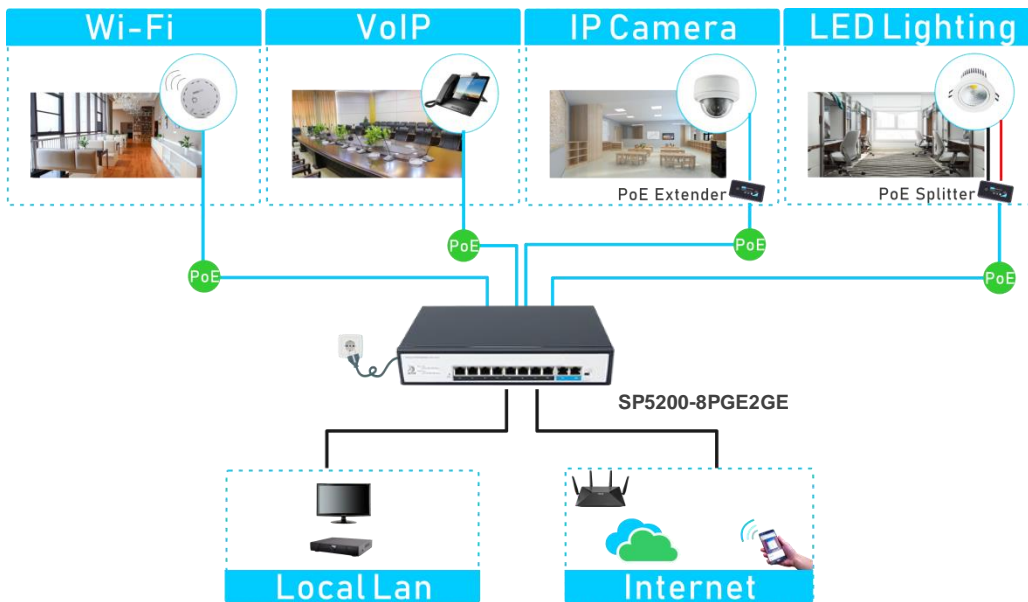
## Interfaces



## Structure Diagrams



## Applications



## Ordering Information

SP5200-8PGE2GE	8 Ports 10/100/1000Mbps PoE switch with 2 Gigabit Uplink, 6KV surge protection, IEEE802.3af/at
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