

BC2204B4PG2GF

8-Port Gigabit Unmanaged Ultra PoE+ Switch

With 2 Gigabit SFP Uplink

Datasheet



Key Features:

Ports: Provide 4*10/100/1000Mbps UPoE+ ports and 4*10/100/1000Mbps PoE+ ports and 2 Gigabit SFP Uplink

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

Total Power: Total power budget of 300W and 1-4ports with 90W output, 5-8port with 30W 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 lighting surges and others electrical hazards

Considerate Design: Standard rack mount design

Easy to use: Plug and play, No configuration required

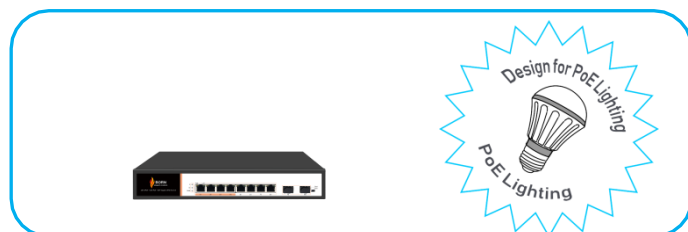
Versatile PoE Port

Featuring 8* 10/100/1000Mbps PoE ports which support IEEE802.3af/at/bt standard and 2 Gigabit SFP Uplink ports. the BORN's Ultra high power PoE switch provides Maximum power budget of 300W and 90W for PoE ports (1-4ports) sepectively,allowing users to have several different Networking products configured



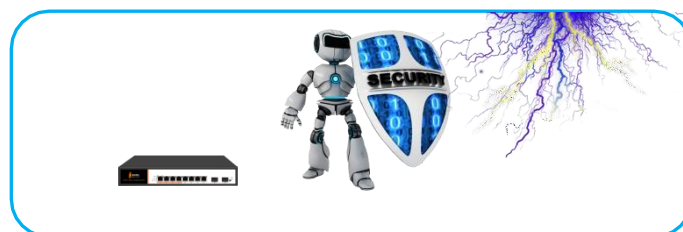
802.3bt PoE++ 90watt Power over 8-pair UTP

Ultra PoE switch adopts the IEEE 802.bt PoE++ standard and PoH technology, it is capable to source up to 90 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 10/100/1000M Ultra PoE Switch with 2 Gigabit SFP Uplink

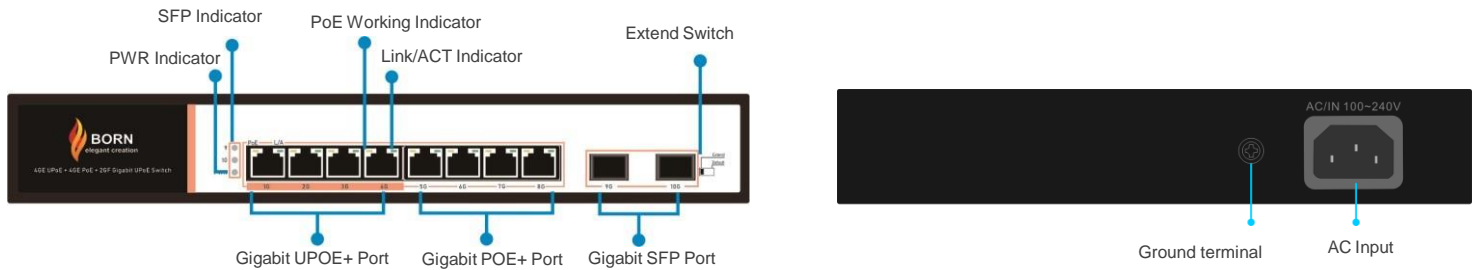
Technical Datasheet

Model	BC2204B4PG2GF	
Hardware Specifications		
Network Connector	8*10/100/1000BASE-T RJ45 auto MDI/I DIX ports 2*1000BASE-X SFP	
PoE Port	4*10/100/1000Mbps POE+ PSE port 4*10/100/1000Mbps POE++ PSE port	
LED indicators	Power Indicator: PWR(green). Network Indicator: Link(green). PoE Working Indicator: PoE(yellow)	
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	3Kg	
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（1-4 port） IEEE802.3az EEE	
	PoE Standard	IEEE 802.3af/at Power over Ethernet/PSE E 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, 1800mA. max. 90 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%

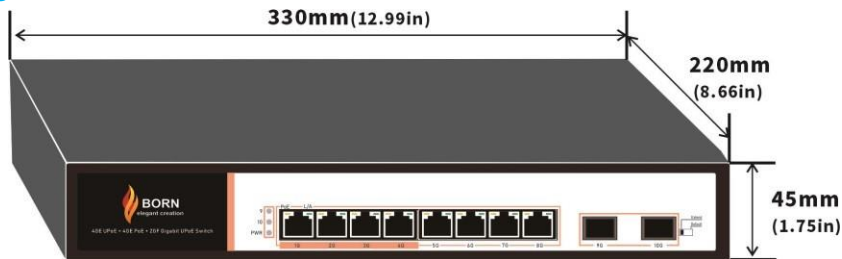
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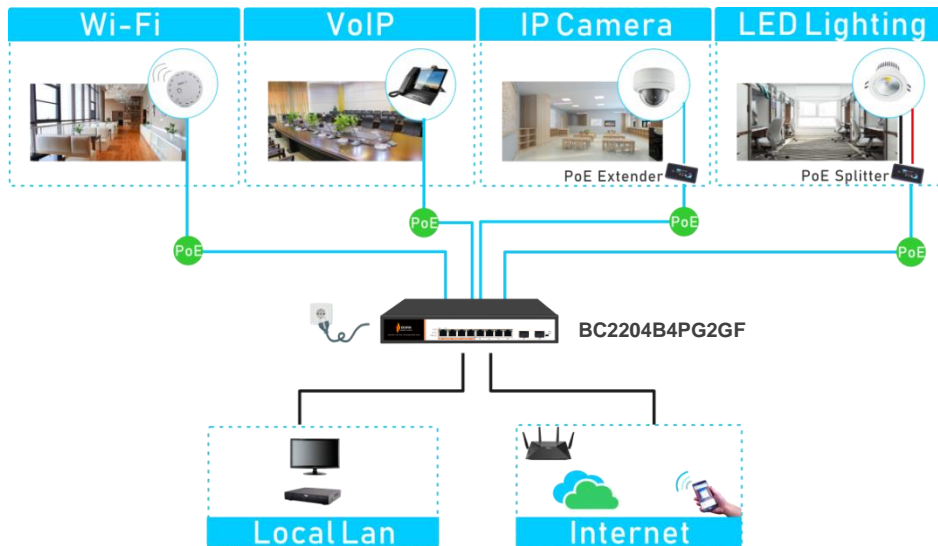
Interfaces



Structure Diagrams



Applications



Ordering Information

BC2204B4PG2GF

8 Ports 10/100/1000Mbps Ultra PoE switch with 2 Gigabit SFP Uplink, 6KV surge protection, 1-4 Ports 90W. 300W power budget



337 Forest Road
London, United Kingdom



+44 7859 571344



Info@bornelectronics.com



<https://bornelectronics.com>