

BC2216PG2GCF-200W

20-Port 10/100/1000M Unmanaged PoE Switch

Datasheet



Key Features:

Ports: Provide 16*10/100/1000Mbps PoE ports and 2 Gigabit RJ45 and 2 Gigabit SFP Uplink

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

Total Power: Total power budget of 200W and 30W for all single 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 lightning surges and others electrical hazards

Considerate Design: Rack mount installation with fanless design

Easy to use: Plug and play, No configuration required

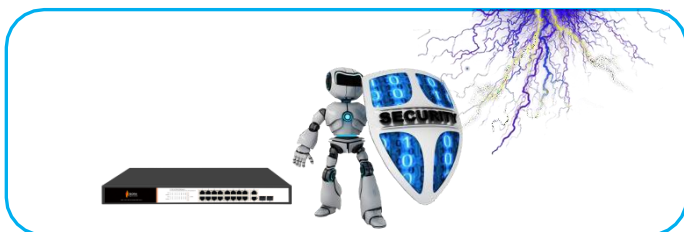
Versatile PoE Port

Featuring 16* 10/100/1000Mbps PoE ports which support IEEE802.3af/at standard and 2 * 1000Mbps Uplink and 2 Gigabit SFP ports. the PoE switch provides Maximum power budget of 200W and 30W for single PoE ports sepectively ,allowing users to have several different Networking products configured



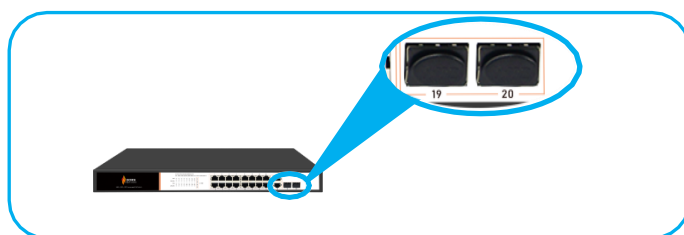
Surge Protection Design

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.



2 Gigabit SFP Uplink Port

With 2 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 transmitt the date with Max 100Km distance with more economic solution



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

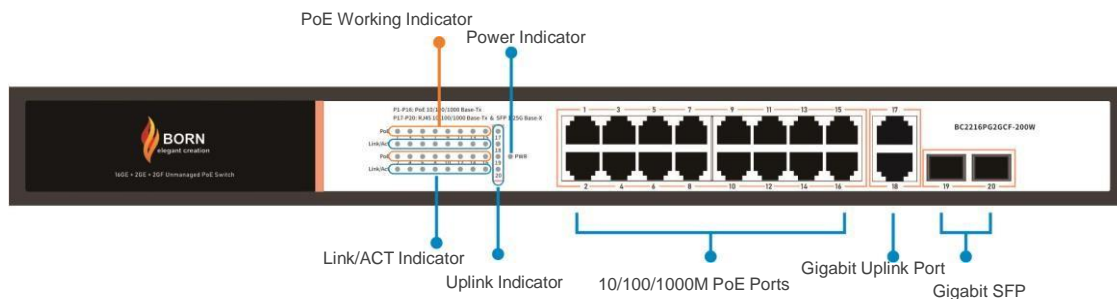
Technical Datasheet

Model	BC2216PG2GCF-200W	
Hardware Specifications		
Connector	16* 10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
	2* 10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
	2*1.25G Base-X SFP Slots	
PoE Port	16* 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	35.71Mpps
	MAC address	16k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(WxDxH)	440mm x 190mm x 44.5mm(17.32in x 7.09in x 1.75in)	
Weight	2.9kg	
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	
	IEEE802.3az 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	200W	
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%	

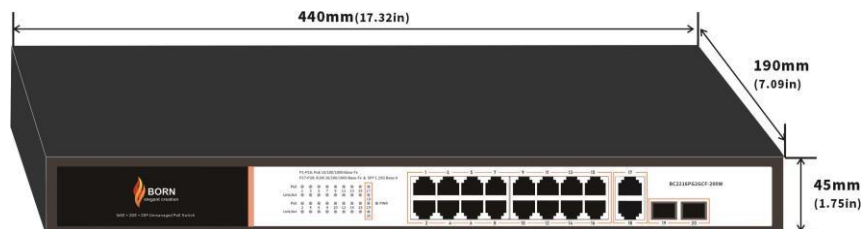
BC2216PG2GCF-200W

16-Port Gigabit PoE Switch with 2 Gigabit RJ45 and 2 Gigabit SFP Uplink

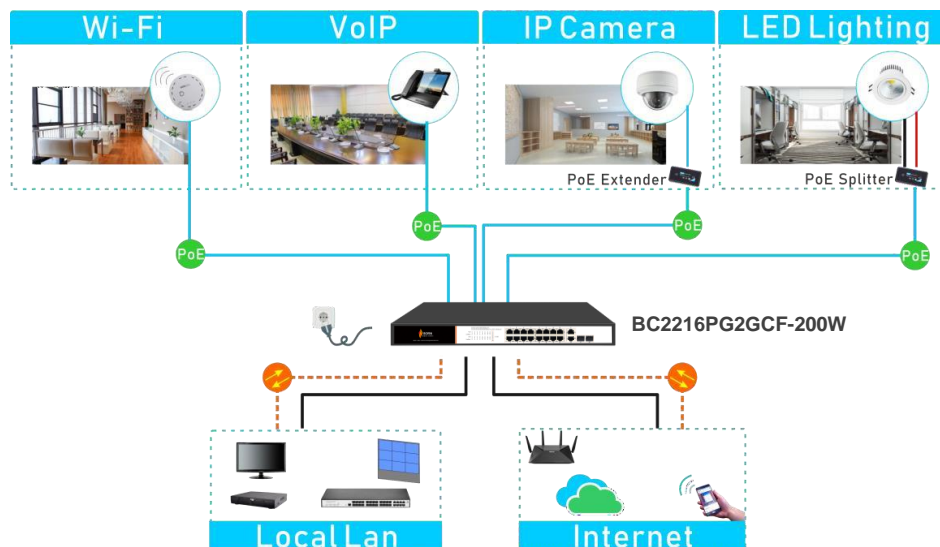
Interfaces



Structure Diagrams



Applications



Ordering Information

BC2216PG2GCF-200W

16 Ports 10/100/1000Mbps PoE switch with 2 Gigabit RJ45 and 2 SFP Uplink, 6KV surge protection, IEEE802.3af/at



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