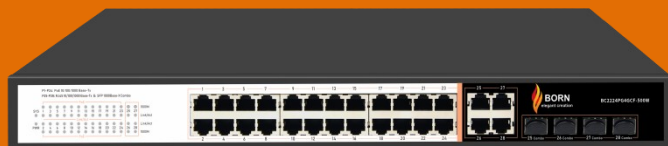# BORN
elegant creation

BC2224PG4GCF-300W

24-Port Gigabit Unmanaged PoE Switch with 4G Combo Uplink

Datasheet

Key Features:

Ports: Provide 24*10/100/1000Mbps PoE ports and 4 *1000Mbps RJ45/SFP Combo Uplink

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

Total Power: Total power budget of 300W and 30W for all singe 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 lighting surges and others electrical hazards

Considerate Design: Rack mount installation

Easy to use: Plug and play, No configuration required

Versatile PoE Port

Featuring 24* 10/100/1000Mbps PoE ports which support IEEE802.3af/at standard and 4 * 1000Mbps Uplink and 4 Gigabit SFP ports. the PoE switch provides Maximun power budget of 300W and 30W for single PoE ports sepectively ,allowing users to have several different Networking products configured
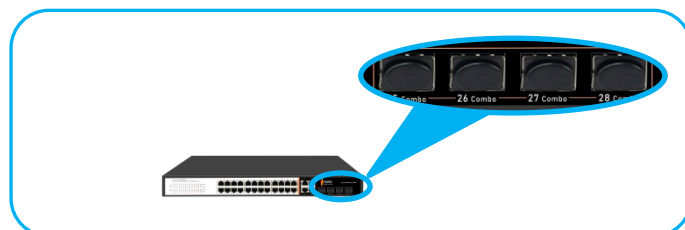

Surge Protection Design

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.

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 transmitte the date with Max 100Km distance with more economic solution

BC2224PG4GCF-300W

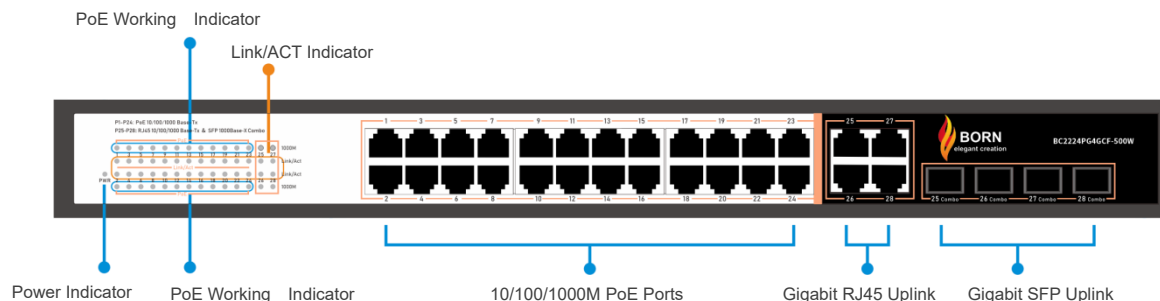24-Port 10/100/1000Mbps PoE Switch with 4 Gigabit RJ45/SFP Combo Uplink

Technical Datasheet

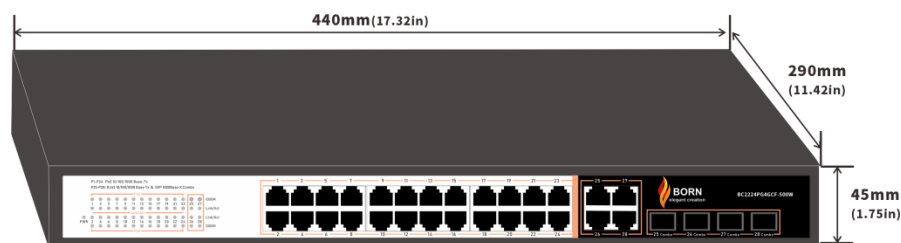| Model	BC2224PG4GCF-300W	
Hardware Specifications		
Connector	24 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 4 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 4 1000 Base-X SFP Slots	
PoE Port	24 10/100/1000Mbps POE PSE port	
SFP	Singe fiber/Dual fiber supported. Distance vary the module	
Thermal Fan	2 Fans	
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(W×D×H)	440mm x 290mm x 44.5mm(17.32in x 11.42in x 1.75in)	
Weight	4.5kg	
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 IEEE802.3az 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	300W	
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％	

BC2224PG4GCF-300W

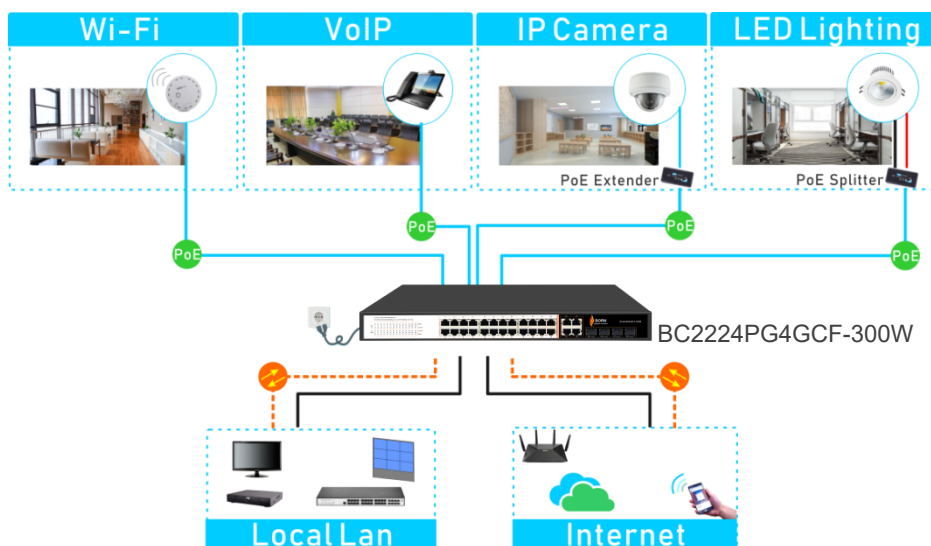## 24-Port Gigabit PoE Switch with 4 Gigabit RJ45/SFP Combo Uplink

Interfaces

Structure Diagrams

Applications

BC2224PG4GCF-300W

Ordering Information	
BC2224PG4GCF-300W	24 Ports 10/100/1000Mbps PoE switch with 4 Gigabit RJ45/SFP Combo Uplink,6KV surge protection,300W,IEEE802.3af/at