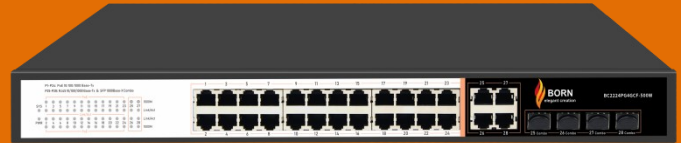


# BC2224PG4GCF-500W

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 500W 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

**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 500W and 30W for single PoE ports sepectively ,allowing users to have several different Networking products configured

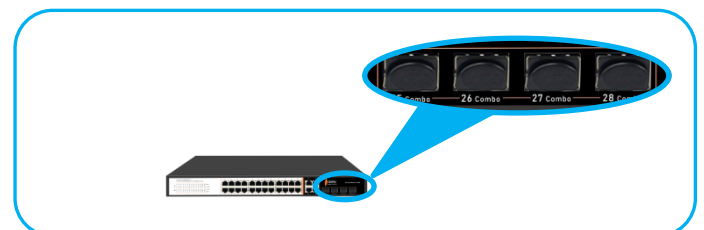


## Surge Protection Design

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



# BC2224PG4GCF-500W

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

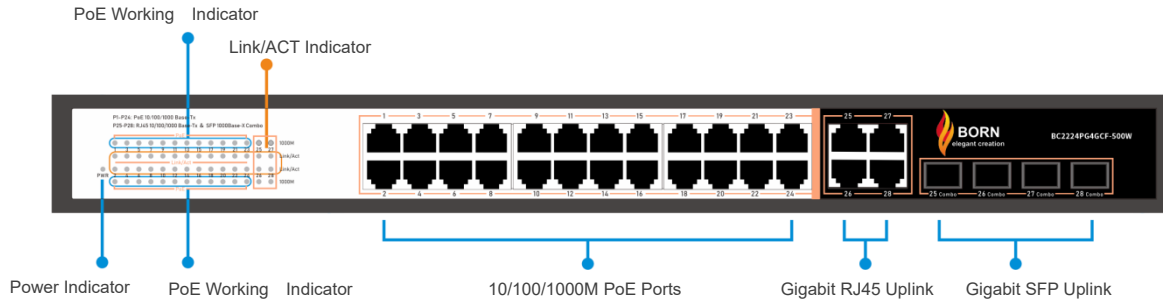
## Technical Datasheet

<b>Model</b>	<b>BC2224PG4GCF-500W</b>	
<b>Hardware Specifications</b>		
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	Single 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(WxDxH)	440mm x 290mm x 44.5mm(17.32in x 11.42in x 1.75in)	
Weight	4.5kg	
<b>Power over Ethernet (PoE) Specifications</b>		
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	
PoE Standard	IEEE802.3az EEE	
	IEEE 802.3af Power over Ethernet/PSE	
PoE Supply Type	IEEE 802.3at Power over Ethernet Plus/PSE	
	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	500W	
<b>Environment</b>		
Safety	FCC Part15 Class A,CE,RoHs	
Environment specification	Operating temperature: -20°C~55°C, operating humidity: 5%~95%	
	Storage temperature: -40°C~75°C, storage humidity: 5%~95%	

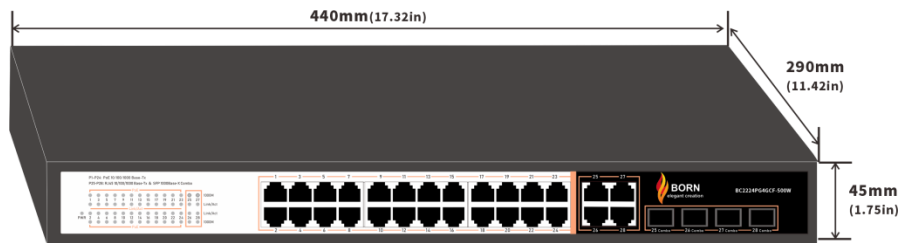
# BC2224PG4GCF-500W

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

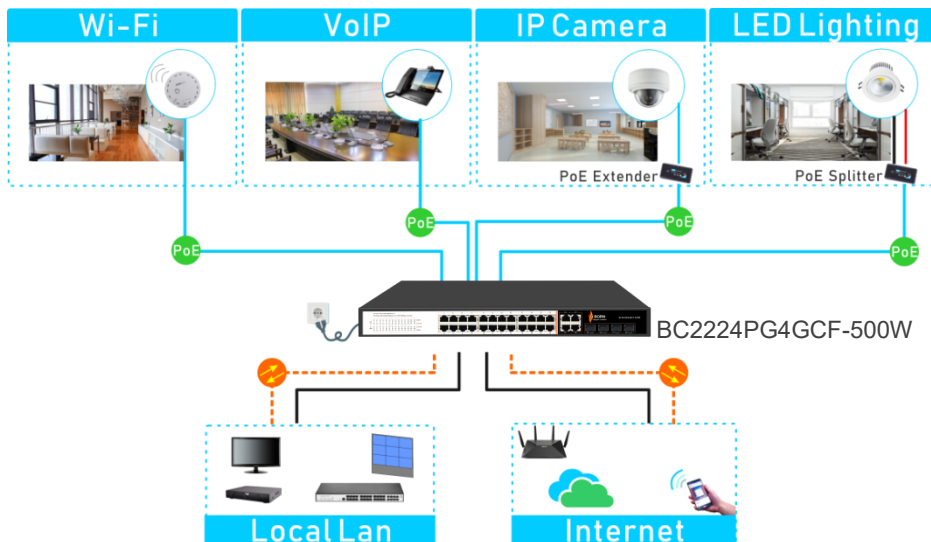
## Interfaces



## Structure Diagrams



## Applications



## Ordering Information

BC2224PG4GCF-500W

24 Ports 10/100/1000Mbps PoE switch with 4 Gigabit RJ45/SFP Combo Uplink, 6KV surge protection, 500W, IEEE 802.3af/at



# 337 Forest Road  
London, United Kingdom



Info@bornelectronics.com



+44 7859 571344



https://bornelectronics.com