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BC2208G2F

10-Port 10/100/1000M Unmanaged Switch

Datasheet

Key Features:

Ports: Provide 8*10/100/1000Mbps Ethernet ports and 2 *1.25G SFP
Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX
Fiber Port: 2*1.25Gbps SFP Slot
Wide Application: Designed for Network Security Solution etc
Surge protection: Protect the device from lighting surges and others electrical hazards
Considerate Design: wall mounted with fanless design
Easy to use: Plug and play, No configuration required

Gigabit High performance Fiber switch

This 8 ports gigabit Fiber Switch provides a high-performance switch architecture that is capable of providing the non-blocking switch fabric and wire-speed throughput as high as 24Gbps, which greatly simplifies the tasks of upgrading the LAN for catering to increasing bandwidth demands. Besides, the Flow Control function of the switch enables routers and servers to directly connect to the Switch for fast and reliable data transfer.

All the RJ45 copper interfaces of the BC2208G2F support 10/100/1000Mbps auto-negotiation for optimal speed detection through RJ45 Category 6, 5 or 5e cables. It also supports standard for auto-MDI/MDI-X that can detect the type of connection to any Ethernet device without requiring special straight or crossover cables. With 2 SFP module slot available, the SFP 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

Surge Protection Design

Reaching 6KV surge protection, the ports owns the capacity to keep the Switch from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments.

Fanless Design

With its good ventilation design, this switch is able to operate all along without a fan, thus reducing substantial power consumption and creating a noiseless environment. It is definitely the best choice for any working environment without affecting its performance.

Technical Datasheet

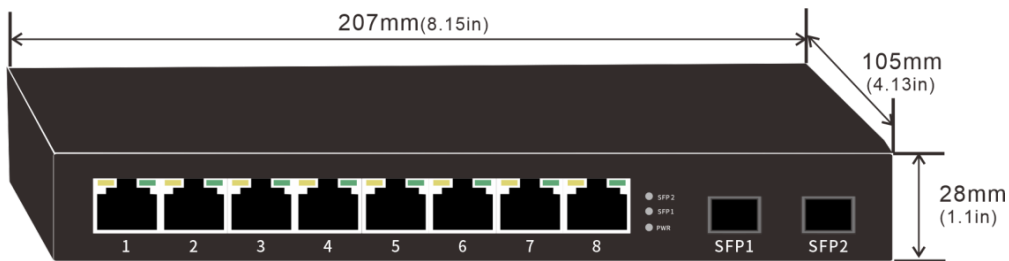| Model	BC2208G2F	
Hardware Specifications		
Connector	8*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2*1.25G Base-X SFP Slots	
Processing types	Store and forward	
LED Display	Power indicator: PWR(green). Network indicator: Link(Green) Network active indicator: ACT(yellow) Fiber Indicator : SFP(Green)	
Thermal Fan	Fanless Design	
Network Standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab/z 1000 BASE-TX IEEE802.3x Flow Control IEEE802.3az EEE	
Switch Architecture	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	24Gbps
	Packet forwarding rate	16.86Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(W x D x H)	207mm x 105mm x 28mm (8.15in x 1.13in x 1.1in)	
Weight	0.32kg	
Environment	Operating temperature: -20℃~55℃，operating humidity: 5％~95％ Storage temperature: -40℃~75℃，storage humidity: 5％~95％	
Safety	FCC Part15 Class A,CE.RoHs	

S7500-8G2GF-L2

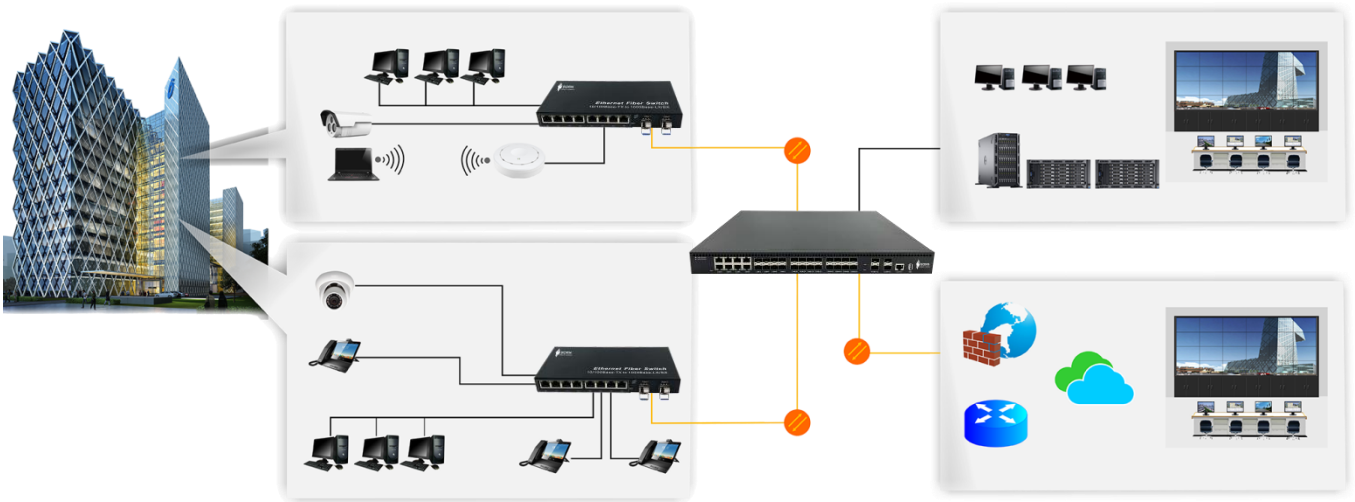## 8-Port 10/100/1000Mbps and 2-Port 1.25G SFP Fiber Switch

Interfaces

ACT Indicator
Link Indicator
Power SFP Indicator

SFP 2
SFP 1
PWR

1 2 3 4 5 6 7 8 SFP1 SFP2

10/100/1000M RJ45 Ports

Gigabit SFP Slot

Structure Diagrams

207mm(8.15in)

105mm
(4.13in)

28mm
(1.1in)

SFP 2
SFP 1
PWR

1 2 3 4 5 6 7 8 SFP1 SFP2
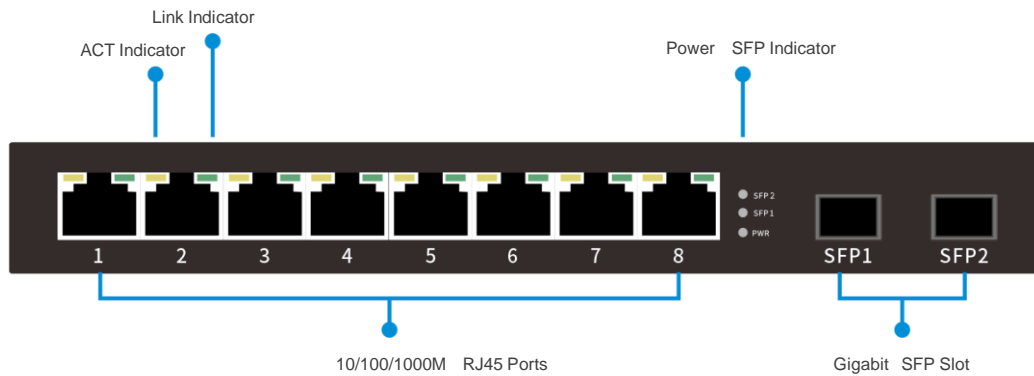
Applications

Ordering Information	
BC2208G2F	8 Ports 10/100/1000Mbps and 2-Ports 1.25G SFP Fiber switch ,6KV surge protection

337 Forest Road
London,United Kingdom

+44 7859 571344

Info@bornelectronics.com

https://bornelectronics.com