

BC2208G

8-Port Gigabit Ethernet Switch

Datasheet



Key Features:

Ports: Provide 8*10/100/1000Mbps Ethernet ports

Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX

Wide Application: Designed for Network Security Solution etc

Surge protection: Protect the device from lightning surges and others electrical hazards

Considerate Design: Rack mounted with fanless design

Easy to use: Plug and play, No configuration required

Gigabit High performance switch

This 8 ports gigabit Switch provides a high-performance switch architecture that is capable of providing the non-blocking switch fabric and wire-speed throughput as high as 16Gbps, 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 BC2208G 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, providing more than enough bandwidth and stability for ultra high speed data transferring.

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.

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8-Port 10/100/1000Mbps Ethernet Switch

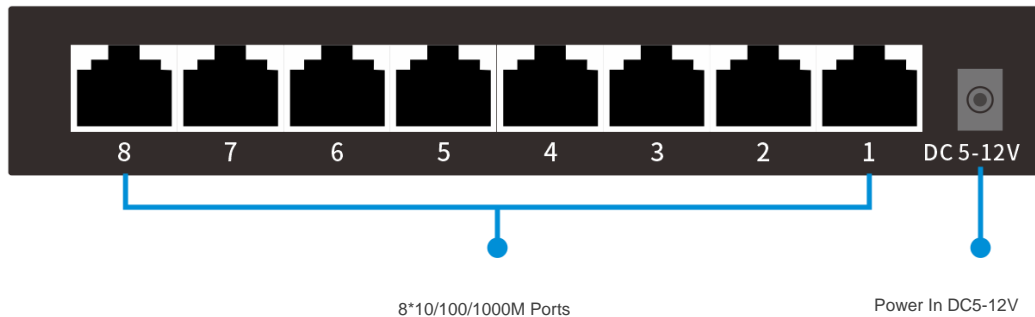
Technical Datasheet

Model	BC2208G	
Hardware Specifications		
Connector	8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports	
Processing types	Store and forward	
LED Display	Power Indicator: PWR(green). Network Indicator: Link(yellow)	
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	16Gbps
	Packet forwarding rate	11.9Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension (W x D x H)	6.2in x 3.5in x 1.02 in. (158 x 89 x 26 mm)	
Weight	0.28kg	
Environment	Operating temperature: -20℃~55℃ , operating humidity: 5%~95%	
	Storage temperature: -40℃~75℃ , storage humidity: 5%~95%	
Safety	FCC Part15 Class A,CE,RoHs	

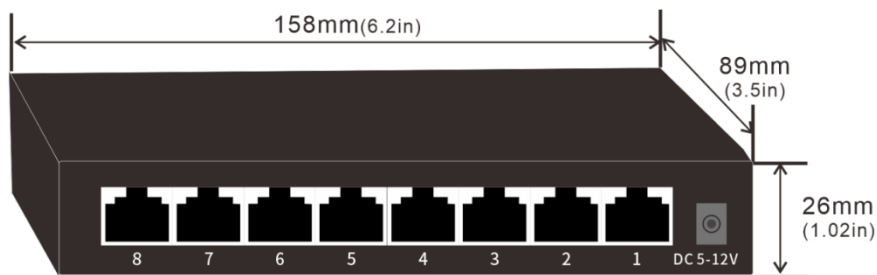
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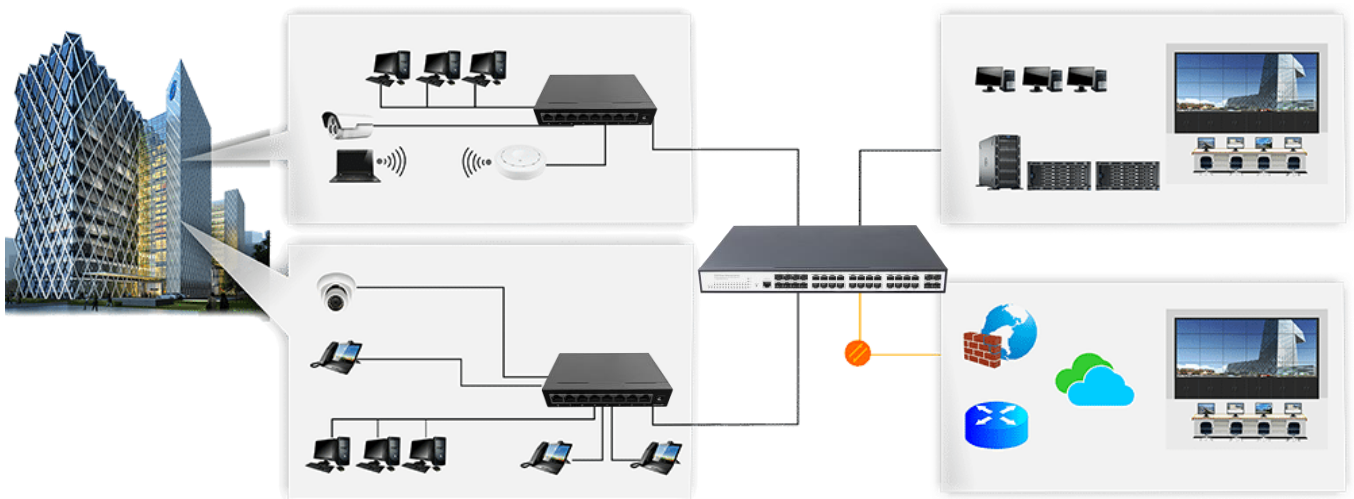
Interfaces



Structure Diagrams



Applications



Ordering Information

BC2208G

8 Ports 10/100/1000Mbps Ethernet Switch ,6KV surge protection



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