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EXCLUSIVE 2 YEAR WARRANTY

BC2208GM2F

10-Port Gigabit Managed Ethernet Switch

Datasheet

Key Features:

Ports: Provide 8*10/100/1000Mbps ports and 2*1000Mbps SFP Uplink,1Console port

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

Managed: Support remote web managed,VLAN and storm control and IPV6 management etc.

**Wide Application:** Designed for computer, 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 with fanless design

Easy to use: Plug and play, No configuration required

Cost-effective IPv6 Managed Gigabit Switch Solution

With layer 2+ managed Gigabit Switch, It provides IPv6/IPv4 management and built-in L2/L4 Gigabit Switching engine, and supports high-speed transmission of surveillance images and videos.
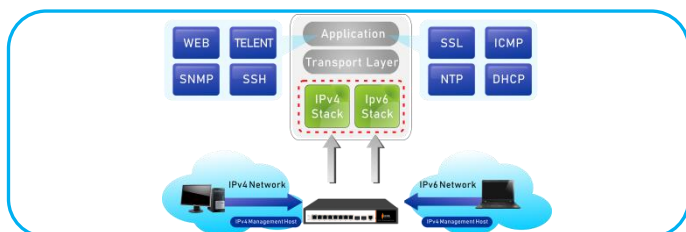
Surge Protection Design

Reaching 6KV surge protection, the ports owns the capacity to keep the ethernet Switch from lightning strikes and other electrical surges, offering more 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 transmitte the date with Max 100Km distance with more economic solution

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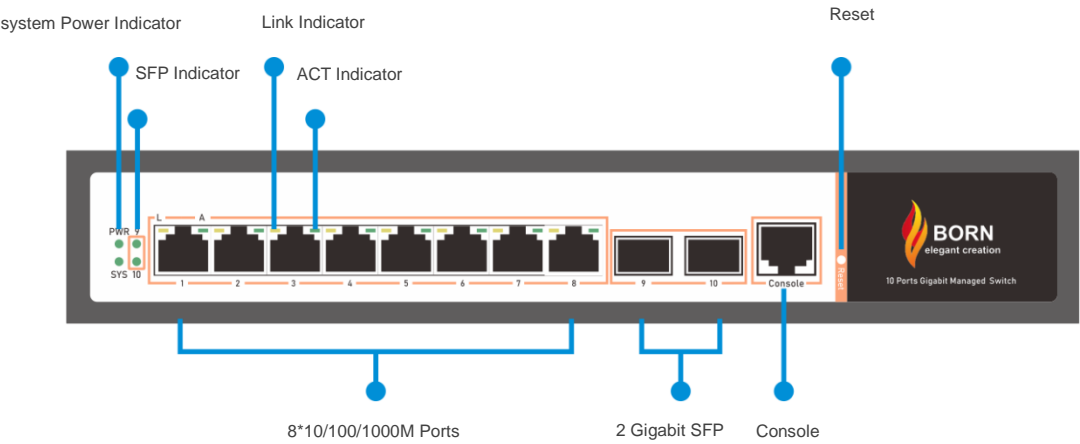8-Port 10/100/1000Mbps Managed Switch with 2 Gigabit SFP Uplink

Technical Datasheet

Model	BC2208GM2F
Hardware Specifications	
Connector	8*10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2*1000 Base-X SFP Slots 1 Console port
CPU	500M Hz
DRAM	1Gb DDR3
Flash Memory	128Mbits
Buffer Memory	8Mbits
MAC	4K
SFP	Singe fiber/Dual fiber supported. Distance vary the module
Thermal Fan	Fanless Design
LED indicators	Power Indicator: PWR(green). Network Indicator: Link(yellow)
Switch Architecture	Store and Forward
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex
Switch Performance	Backplane bandwidth： 32Gbps Packet forwarding rate: 14.88Mpps MAC address: 8K
Power requirement	AC100-240V 50/60Hz
ESD Protection	6KV ESD
Dimension(W×D×H)	310mm x 180mm x 44.5mm(12.2in x 7.09in x 1.75in)
Weight	1.4kg
Layer 2 Functions	
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3ab 1000BASE-T IEEE802.3x Flow Control IEEE802.3az EEE
Port Mirroring	TX / RX / both Many-to-1 monitor
Vlan	802.1Q tagged-based VLAN Up to 256 VLAN groups, out of 4094 VLAN IDs 802.1ad Q-in-Q tunneling Voice VLAN;Protocol VLAN;Private VLAN (Protected port),GVRP
Link Aggregation	IEEE 802.3ad LACP and static trunk Supports 8 groups of 8-port trunk
Spanning Tree Protocol	STP, IEEE 802.1D Spanning Tree Protocol RSTP, IEEE 802.1w Rapid Spanning Tree Protocol MSTP, IEEE 802.1s Multiple Spanning Tree Protocol
IGMP Snooping	IGMP (v2/v3) snooping IGMP querier Up to 256 multicast groups

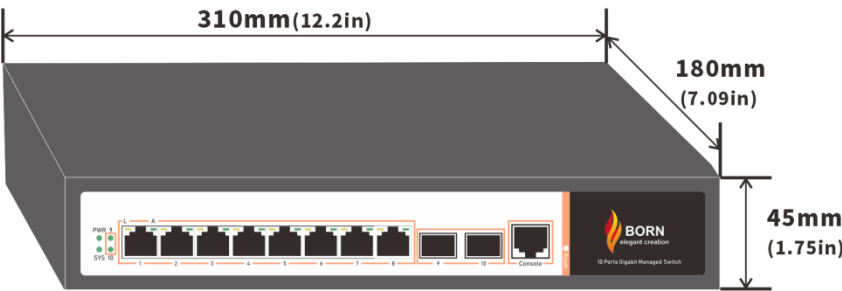|	
MLD Snooping	MLD (v1/v2) snooping, up to 256 multicast groups
Access Control List	IPv4/IPv6 IP-based ACL / MAC-based ACL
Port Management	Open or close port
QoS	8 mapping ID to 8 level priority queues --- Port number --- 802.1p priority --- 802.1Q VLAN tag --- DSCP field in IP packet Traffic classification based, strict priority and WRR
Security	IEEE 802.1X port-based authentication Built-in RADIUS client to co-operate with RADIUS server RADIUS / TACACS+ user access authentication IP-MAC port binding MAC filtering Static MAC address DHCP Snooping and DHCP Option82 STP BPDU guard, BPDU filtering and BPDU forwarding DoS attack prevention ARP inspection IP source guard
Management Function	
Basic Management Interfaces	Web browser / Telnet / SNMP v1, v2c, V3 Firmware upgrade by HTTP / TFTP protocol through Ethernet network Remote / Local Syslog,System log,LLDP protocol ,SNTP
Secure Management Interfaces	SSH, SSL, SNMP
SNMP MIBs	RFC 1213 MIB-II； RFC 1215 Generic Traps RFC 1493 Bridge MIB； RFC 2674 Bridge MIB Extensions RFC 2737 Entity MIB (Version 2)； RFC 2819 RMON (1, 2, 3, 9) RFC 2863 Interface Group MIBRFC 3635 Ethernet-like MIB
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％

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8-Port 10/100/1000Mbps Managed Switch with 2 Gigabit SFP Uplink

Interfaces

system Power Indicator

SFP Indicator

Link Indicator

ACT Indicator

Reset

PWR

SYS

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10 Ports Gigabit Managed Switch

8*10/100/1000M Ports

2 Gigabit SFP

Console

Structure Diagrams

310mm(12.2in)

180mm
(7.09in)

45mm
(1.75in)

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10 Ports Gigabit Managed Switch

Ordering Information	
BC2208GM2F	8 Ports 10/100/1000Mbps managed switch with 2 Gigabit SFP Uplink and 1 Console port,6KV surge protection