

8 port managable Gigabit Ethernet switch

MODEL: BD-S2108FS

BD-S2108FS is gigabit switch and framed on the new-generation Broadcom chip, are developed by BAUDCOM for working in high-performance network groups and enterprise's networks. The switch has 8 auto-adaptable 10/100/1000 Base-TX electric RJ-45 ports and 2 optional TX/SFP gigabit ports, and support 10/100/1000M connections, sonetworks can be flexibly configured.



Excellent performance

64Gbps backboard bandwidth, uncongested design andfull wire-speed forwarding.

Gigabit optical-fiber transmission with up to 80Km distance and directly connecting the MAN backbone network.

High security and reliability

Providing multiple user authentication modes such as 802.1x authentication.

Powerful ACL and hardware supporting L2 to L7 data filtration.

Port-MAC-IP bind.

Special ARP invasion detection to effectively stop ARP cheat.

Flexibleand various management modes

Automatically identifying the straight-through cable and the intercrossed cable.

Adopting the cluster technology; supporting devicecascading; managing uniquely through a unique IP address; saving address resources.

Multiple management modes such as Console port,Telnet, Web and SNMP are supported.

Powerful flow and broadcast management

Detecting and limiting broadcast stormsautomatically and supporting IGMP snooping to limit broadcast flooding.

Supporting flow control in full-duplex mode orhalf-duplex mode.

The rate limitation in a minimum step of 64K is supported on the Ethernet interface.

Supporting IP multicast and QoS.

Technology Indexes

Standard configuration	8 10/100/1000M Base-T Ethernet ports 2 gigabit optical ports, One Console port
Backplane bandwidth	24Gbps
Forwarding rate	Full wire-speed filtering and forwarding
Switching mode	Store forwarding
Address table	8K
Queue buffer	64MB
Flow Control	Backpressure is adopted for half-duplex, while IEEE802.3x is adopted for full-duplex.
Broadcast control	The broadcast storm is constrained. When the threshold value for controlling the broadcast storm is reached, the broadcast packets are stopped from being forwarded.
Multicast control	Automatically monitoring IGMP packets
Service quality	Two transmission queues on each port are mapped to eight priority values of 802.1p.
Interface binding	Eight interfaces can be bound in a group through dynamic LACP or static aggregation, and 12 groups can be supported simultaneously.
Cascading	Cluster
Bridging	IEEE 802.1D-1998 spanning tree, path backup, IEEE 802.1w (RSTP)
VLAN	Supporting port-based VLAN, 802.1Q-labelled VLAN and dynamic VLAN configuration through GVRP
Number of VLANs	4K VLANs
QinQ	Support
QoS	Supporting QoS Supporting ACL, flow classification on L2 to L4,
Network management	Supporting CLI, Telnet, SNMP and RMON Supporting multiple general network management software
Power characteristics	AC current: 110-240V (auto-adaptable), 47-63Hz, 1A/230V, or 60V broadcast & TV power
Indicator	Power indicator, system indicator, connection/data forwarding indicator, 10/100M indicator
Temperature and humidity	Working temperature: 0-50°C Storage temperature: -40-70°C Humidity: 0-90% no condensation

Order Information

BD-S2108FS	Ethernet switch with 8 gigabit ports (1 console port, 8 10/100/1000M electric ports, 2
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SHANGHAI BAUDCOM COMMUNICATION DEVICE CO.,LTD

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