

## DGS-3208F Gigabit Ethernet Switch

8-port High Performance Gigabit Ethernet Switch that Functions as an Excellent Exit Switch to the Backbone Network



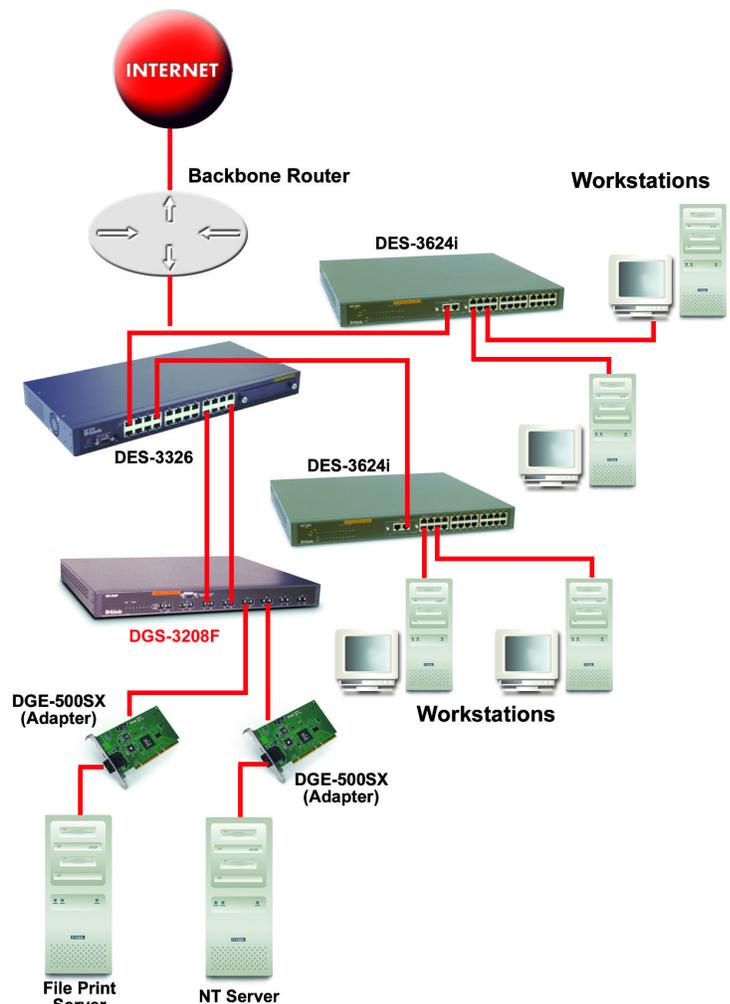
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The D-Link DGS-3208F is a 8-port high performance Gigabit Ethernet Switch that strictly adheres to the IEEE 802.3z standard specifications. A layer 2 switch the DGS-3208F functions as an excellent exit switch to the backbone network.

The D-Link DGS-3208F uses fast store and forward architecture to ensure low latency and high data integrity.

The DGS-3208F will fit into any enterprise level network to act as an exit to the backbone switch that can handle throughput speeds up to 2000 Mbps (in full duplex) and will provide enough bandwidth to supply multiple network segments.

The DGS-3208F also allows for dynamic filtering through auto-learned MAC addresses and static filtering, which permits the administrator to implement increased network security and to allow for explicit packet forwarding. The DGS-3208F's built in broadcast storm protection gives administrators the option to either forward or discard multicast packets on all network segments or specific segments. Broadcast storm protection can control broadcast data and prevent unnecessary absorption of network bandwidth to keep the networks speed constant.



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# DGS-3208F

## Gigabit Ethernet Switch

Technical Specifications	
<b>Standards</b>	<ul style="list-style-type: none"><li>● IEEE 802.3z</li><li>● ISO/IEC 793-2 type B1</li><li>● ITU-T G.652</li></ul>
<b>Protocols</b>	CSMA/CD
<b>Transfer Rates</b>	<ul style="list-style-type: none"><li>● 1000 Mbps - Half Duplex</li><li>● 2000 Mbps - Half Duplex</li></ul>
<b>Transmission Method</b>	Store and Forward
<b>Ports</b>	<ul style="list-style-type: none"><li>● 8 SC Type</li><li>● 8 Transmit &amp; 8 Receive</li></ul>
<b>Cabling</b>	<ul style="list-style-type: none"><li>● 1000Base-SX Multimode Cable</li><li>● ISO/IEC 793-2 type B1</li><li>● ITU-T G.652</li></ul>
<b>Topology</b>	Star
<b>LEDs</b>	<ul style="list-style-type: none"><li>● Per Unit:</li><li>● Power</li><li>● Utilization %</li></ul>
<b>Per Port</b>	<ul style="list-style-type: none"><li>● Full/Half Duplex</li><li>● Link/Activity</li><li>● Speed</li></ul>
<b>Filtering Address Table</b>	12K MAC Address
<b>MAC Address Table</b>	<ul style="list-style-type: none"><li>● Dynamic Entries: Auto-learned</li><li>● Max Age: Default 300 Seconds</li></ul>
<b>Power Consumption</b>	40 Watts Max
<b>Dimensions</b>	441 x 207 x 44 mm 19 inch Rack Mount Width
<b>Temperature</b>	<ul style="list-style-type: none"><li>● Operating: 0<sub>l</sub> - 50<sub>l</sub> C</li><li>● Storage: -20<sub>l</sub> - 60<sub>l</sub> C</li></ul>
<b>Compliances</b>	<ul style="list-style-type: none"><li>● FCC Class A</li><li>● CE Mark Class A</li><li>● VCCI Class A</li></ul>