

Unmanaged Gigabit Switch

DGS-1024T

22 Copper Gigabit Ports, 2 Combo Copper Gigabit/Mini GBIC

For Workgroup/Department



Layer **2** Switch

This switch provides 22 10/100/1000Mbps copper Gigabit ports and combo RJ-45/mini GBIC slots supporting 10/100/1000Mbps copper and fiber Gigabit connections. This allows up to 24 PCs and servers to run at the Gigabit speed on your existing Cat. 5 twisted-pair network cable. The mini GBIC support flexible 1000BASE-SX short/medium distance and 1000BASE-LX long distance connections to the fiber backbone. Use of the mini GBIC will disable their corresponding copper connections.

All copper connections support auto-sensing speeds, full/half duplex auto-negotiation, and auto MDI/MDIX.

- **802.3x Flow Control** allows your Gigabit-supported nodes such as routers, servers and other switches to directly connect to this switch for fast, reliable data transfer. At 2000Mbps full duplex, this switch provides the high-speed data pipes for your network servers with minimum data transfer loss.

- **Auto MDI/MDIX** eliminates the need for cross over cables or uplink ports. Any port can simply plug to a server, workstation, or hub using the usual straight-through twisted-pair cable.

Key Features

- 22 10/100/1000Mbps copper Gigabit ports
- 2 combo RJ-45/mini GBIC for 2 additional copper or fiber Gigabit connections
- Full duplex for Gigabit
- Full/half duplex for Fast Ethernet
- Auto MDI/MDIX for all twisted-pair ports
- Auto-learning of network configuration
- Flow control for protection against data loss

Technical Information

- Switching method: store-and-forward
- MAC address table: 32K per device
- RAM buffer: 2Mbytes per device
- Internal universal power supply
- Standard 19-inch rack-mount size
- EMI: FCC Class A, CE Class A, C-Tick Class A
- Safety: CSA International

Ordering Information

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DGS-1024T 22 RJ-45 10BASE-T/100BASE-TX/1000BASE-T Gigabit ports
2 combo RJ-45 10BASE-T/100BASE-TX/1000BASE-T/mini GBIC slots

Optional Transceiver for Mini GBIC Slot

DEM-310GT For 1000BASE-LX, 3.3V, single-mode fiber, 10 km max.

DEM-311GT For 1000BASE-SX, 3.3V, multi-mode fiber, 550 m max.