

Product Highlights

Compact Design

The solid, compact, metal case is designed for durability. No configuration is required, making it easy for SOHO/Home users to expand their wired networks.

Durable Design

Metal housing and fanless design improves heat dissipation, enhances durability, and allows noise-free operation.

Environmentally Friendly

IEEE 802.3az Energy-Efficient Ethernet (EEE) reduces power consumption when ports are not in use, conserving energy and lowering costs.



DGS-1005D

5-Port Gigabit Unmanaged Switch

Key Features

Reliable Connectivity

- Five Gigabit LAN ports for high-speed wired connections
- Plug-and-play installation for convenience

Multicast Features

- IGMP Snooping optimize multicast data streams for bandwidth intense applications like IPTV

Green Ethernet Features

- IEEE 802.3az Energy-Efficient Ethernet (EEE)

Eco-Friendly Design

- RoHS compliant

Silent Operation

- Fanless design

The DGS-1005D 5 Port Gigabit Desktop Switches are economical, plug-and-play networking switch solutions for SOHO and small to medium businesses. They provide the choice of five gigabit ports, enabling you to easily expand your network and quickly upgrade your connectivity. Support for IEEE 802.3az Energy-Efficient Ethernet (EEE) and IGMP Snooping for Gigabit Ethernet connection speeds provide advanced features in a compact package.

Integrated Networking

The DGS-1005D switch uses auto-sensing ports, providing a small workgroup to flexibly connect Ethernet, Fast Ethernet and Gigabit devices to create an integrated network. These ports detect the network speed via auto-negotiation allowing you to get the maximum speed possible for each device connected to your network.

Simplified Installation

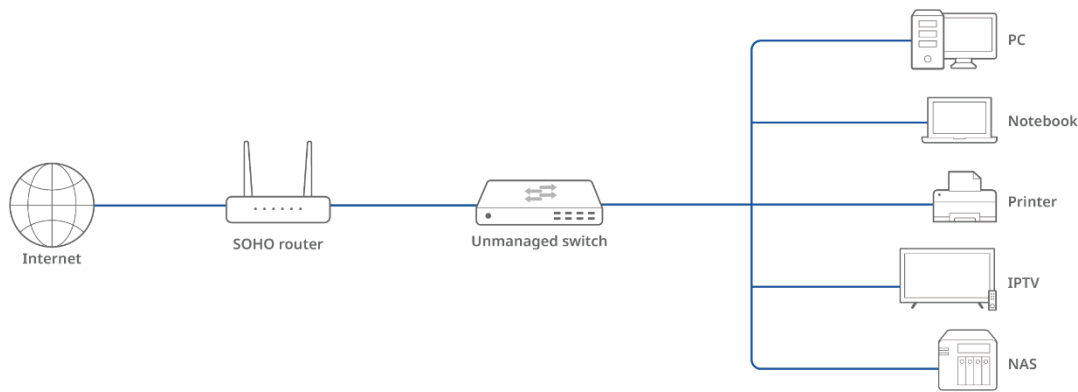
All of the ports on the DGS-1005D switch supports automatic MDI/MDIX crossover, eliminating the need for crossover cables. Each port can be plugged in directly to a server, hub, router, or switch using regular straight-through twisted-pair Ethernet cables. In addition, the DGS-1005D switch features multiple front, easy-to-access Ethernet ports with LED indicators per port to easily distinguish link status.

Green Technology

The DGS-1005D switch features green technology, such as IEEE 802.3az Energy-Efficient Ethernet(EEE) and link status detection. Energy-Efficient Ethernet reduces power consumption of the switch when network utilization is low, reducing the cost of ownership during periods of inactivity.

DGS-1005D 5-Port Gigabit Unmanaged Switch

Connection Diagram



Specifications

Technical Specifications
HW Version
S1
Device Interfaces
5 x 10/100/1000BASE-T ports
Standards
- IEEE 802.3 10BASE-T - IEEE 802.3u 100BASE-TX - IEEE 802.3ab 1000BASE-T - IEEE 802.3az Energy-Efficient Ethernet (EEE) - IEEE 802.3x Flow Control - IEEE 802.1p QoS
Media Interface Exchange
Auto MDI/MDIX adjustment for all ports
LEDs
- Power (per unit) - Link/Activity (per port)
Performance
Transmission Method
Store-and-forward
Switching Capacity
10 Gbps
Max. Packet Forwarding Rate
7.44 Mpps
MAC Address Table
2K entries
MAC Address Learning
Automatic update
Packet Buffer
1 Mbits

Physical
Dimensions
100 x 64 x 24 mm (W x D x H)
Weight
0.15 kg
Power
DC 5V / 550 mA
Max Power Consumption
1.295 W
Temperature
- Operating: 0 to 40 °C (32 to 104 °F) - Storage: -40 to 70 °C (-40 to 158 °F)
Humidity
- Operating: 10% to 90% RH - Storage: 5% to 90% RH
MTBF
1,116,366 hours
Heat Dissipation
4.4187 BTU/hr
Certifications
Safety
LVD
EMI/EMC
CE Class B
Ordering Information
Part Number
DGS-1005D
Description
5-Port Gigabit Unmanaged Switch

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.

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