

# 5-Port Gigabit Desktop Switch

Compact switch for high-speed Gigabit connectivity with smart energy-efficient capabilities

DGS-1005D

- 5 Gigabit Ethernet LAN ports for high-speed wired connections
- Reduces power to a port when no link is detected
- Save power with 802.3az Energy Efficient Ethernet



## Gigabit Ports

Gigabit ports provide high-speed connectivity for your devices



## Power-Saving Technology

Power to port is reduced when inactivity is detected and 802.3az Energy Efficient Ethernet saves overall power consumption



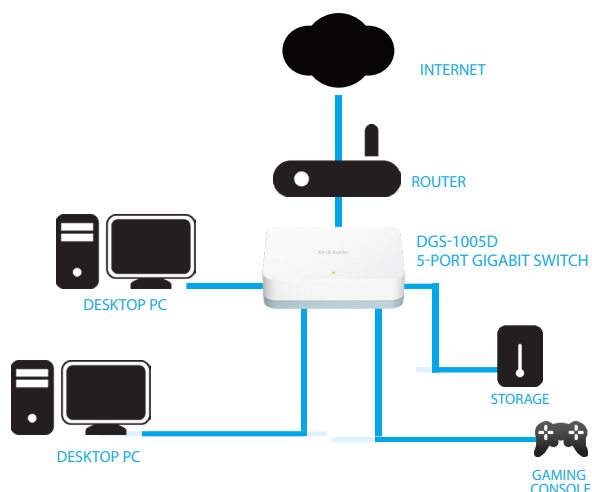
## Fast, Reliable Networking

QoS prioritization keeps your latency-sensitive services such as voice and video running smoothly



## IGMP Snooping

Optimizes multicast data streams and bandwidth usage for greater efficiency



## Technical Specifications

### General

Device Interfaces 5 x Gigabit Ethernet LAN ports, 1 x power connector

Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3ab 1000BASE-T Gigabit Ethernet
- ANSI/IEEE 802.3 NWay auto-negotiation
- IEEE 802.3x Flow Control
- IEEE 802.3az Energy-Efficient Ethernet (EEE)

### Functionality

Advanced Features

- Green Ethernet
- 10 Gbps switching fabric
- Auto MDI/MDIX crossover for all ports
- Secure store-and-forward switching scheme
- Full/half-duplex for Ethernet/Fast Ethernet speeds
- IEEE 802.3x Flow Control
- Supports 9KB Jumbo Frame
- Supports IEEE 802.1p QoS

Data Transfer Rates

Ethernet:

- 10 Mbps (half duplex)
- 20 Mbps (full duplex)

Fast Ethernet:

- 100 Mbps (half duplex)
- 200 Mbps (full duplex)

Gigabit Ethernet:

- 2000 Mbps (full duplex)

Transmission Method Store-and-forward

MAC Address Table 2 K

MAC Address Learning Automatic Update

Packet Filtering/Forwarding Rates

- Ethernet: 14,880 pps per port
- Fast Ethernet: 148,800 pps per port
- Gigabit Ethernet: 1,488,000 pps per port

Packet Buffer 128 KB

### Physical

LED Indicators

- Per port: Link/Activity
- Per device: Power

Media Interface Exchange

- Auto MDI/MDIX for all ports

Dimensions

- 94 x 75 x 22.45 mm

Weight

- 75 g

Power

- 5 V/1 A Power Adapter

Power Consumption

- Maximum AC input: 2.87 W
- Standby AC input: 0.47 W

Temperature

- Operating: 0 to 40 °C (32 to 104 °F)
- Storage: -10 to 70 °C (14 to 158 °F)

Humidity

- Operating: 10% to 90% non-condensing
- Storage: 5% to 90% non-condensing

MTBF

- 1,479,725 hours

Certifications

- CE class B
- FCC class B
- ICES-003 Class B
- VCCI class B
- BSMI
- LVD
- RCM
- Anatel
- KCC

### Ordering Information

DGS-1005D 5-Port Gigabit Desktop Switch