D-Link®

Product Highlights

High-Speed Networking

Five 2.5 Gigabit Ethernet ports provide multi-speed transmission for high-performance Wi-Fi 6 networks, allowing fast data transfers and maximising network bandwidth

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
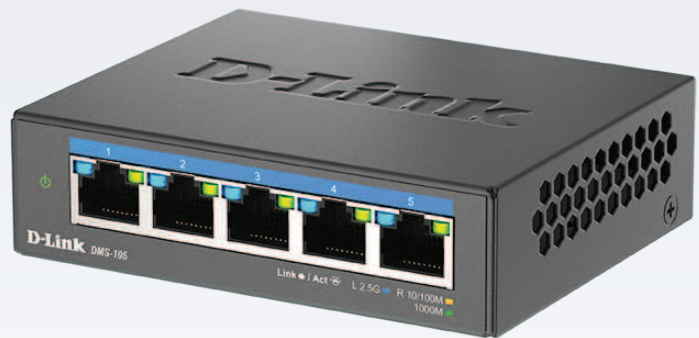
DMS-105

5-Port 2.5G Multi-Gigabit Desktop Switch

Features

Fast Connectivity
- Five 2.5G multi-Gigabit LAN ports for high-speed wired connections
- Plug-and-play installation for convenience

Multicast Features
- IGMP Snooping optimises multicast data streams for bandwidth-intensive applications like IPTV

Green Ethernet Features
- IEEE 802.3az Energy-Efficient Ethernet (EEE)
- Power-saving mode

Eco-Friendly Design
- RoHS compliant

Silent Operation
- Fanless design

The 5-Port 2.5G Multi-Gigabit Desktop Switch with five 2.5 Gigabit ports provide a quick and easy way to upgrade your network to eliminate bottlenecks to maximise performance and throughput.

Multi-Gigabit Networking

The five 2.5 Gigabit ports provide high-speed, reliable wired connections to network-attached storage (NAS) devices, Wi-Fi 6 router/access points, gaming computers, and workstations. Ideal for demanding business or home network setups, it allows users to access network resources and transfer large multimedia files at lightning speeds.

Multicast Support

IGMP Snooping can reduce unnecessary multicast traffic, improve network performance, and prevent bandwidth congestion. This ultimately results in a better viewing experience for IPTV users and a more efficient use of network resources.

Green Technology

The 5-Port 2.5G Multi-Gigabit Desktop 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 utilisation is low, reducing the cost of ownership during periods of inactivity. Link status detection automatically powers down ports when there is no link detected, saving power when the connected device has been shut down or disconnected.

Traffic Management

The 5-Port 2.5G Multi-Gigabit Desktop Switch includes traffic management features, such as IEEE 802.1p Quality of Service (QoS) and IEEE 802.3x Flow Control. The 802.1p QoS feature allows traffic to be classified in 8 priority levels, allowing different types of traffic to be prioritised, depending on their importance.

Technical Specifications

General

Device Interfaces	• 5 x 10/100/1000/2.5GBASE-T ports
Standards	• IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3bz 2.5GBASE-T • IEEE 802.3x Flow Control • IEEE 802.1p QoS • IEEE 802.3az Energy-Efficient Ethernet (EEE)
Media Interface Exchange	• Auto MDI/MDIX adjustment for all ports

Performance

Transmission Method	• Store-and-forward
Switching Capacity	• 25 Gbps
Max. Packet Forwarding Rate	• 18.6 Mpps
MAC Address Table	• 4K entries
MAC Address Learning	• Automatic update
Packet Buffer	• 8.1Mbit

LEDs

Power (per unit)	✓
Link/Activity (per port)	✓

Physical

Dimensions	• 100.5 x 82 x 28 mm
Weight	• 238.6 g
Power	• 12 V / 1 A
Maximum Power Consumption	• 4.918 Watt
Temperature	• Operating: 0 to 40 °C (32 to 104 °F) • Storage: -10 to 70 °C (14 to 158 °F)
Humidity	• Operating: 10% to 90% RH • Storage: 5% to 90% RH
MTBF	• 765,190.81 hours
Heat Dissipation	• 16.78 BTU/h

Certifications

Safety	• LVD, BSMI
EMI/EMC	• CE Class B, RCM Class B, FCC Class B, VCCI Class B, IC Class B, BSMI Class B

For more information: eu.dlink.com

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