

Product Highlights

Multi-Gigabit Networking

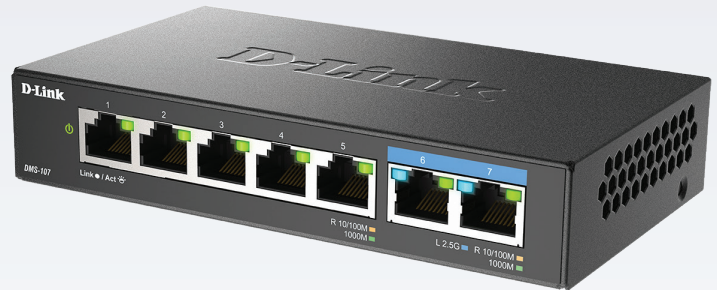
Two 2.5 Gigabit and five Gigabit ports maximise network bandwidth for unrestricted Wi-Fi 6 router/access point connections

Durable Design

Metal housing and fanless design improve heat dissipation, enhance durability, and allow 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-107

7-Port Multi-Gigabit Unmanaged Switch

Features

Fast Connectivity

- Two 2.5 Gigabit with five Gigabit LAN ports for high-speed wired connections
- Plug-and-play installation for convenience

Green Ethernet Features

- IEEE 802.3az Energy-Efficient Ethernet (EEE)
- Link status detection

Eco-Friendly Design

- RoHS compliant

Silent Operation

- Fanless design

The 7-Port Multi-Gigabit Unmanaged Switch (DMS-107) with two 2.5 Gigabit and five Gigabit ports provide a quick and easy way to upgrade your network to eliminate bottlenecks to maximise performance and throughput.

Multi-Gigabit Networking

The 2.5 Gigabit ports provides a high-bandwidth connection to network-attached storage (NAS) device and Wi-Fi 6 router/access points, while Gigabit ports allows fast and reliable connection to multiple gaming computers and works stations. Ideal for demanding business or home network setups, it allows users to access network resources and transfer large multimedia files at lightning speeds.

Green Technology

The DMS-107 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 DMS-107 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. Flow Control will temporarily stop data transmission when the switch's input buffer is full, helping to minimize dropped packets and providing a more reliable connection for all of your connected devices.

DMS-107 7-Port Multi-Gigabit Unmanaged Switch

Technical Specifications

General

Device Interfaces	• 5 x 10/100/1000Mbps ports	• 2 x 10/100Mbps/1G/2.5G 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 ¹ • IEEE 802.1p QoS ² • 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	• 20 Gbps
Max. Packet Forwarding Rate	• 14.88 Mpps
MAC Address Table	• 2K entries
MAC Address Learning	• Automatic update
Packet Buffer	• 2Mbit

LEDs

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

Physical

Dimensions	• 145 x 82 x 28 mm	
Weight	• 295.2 g	
Power	• 12V/0.5 A	
Maximum Power Consumption	• 3.37 Watt	
Temperature	• Operating: 0 to 40 °C	• Storage: -10 to 70 °C
Humidity	• Operating: 10% to 90% RH	• Storage: 5% to 90% RH
MTBF	• 944,277.78 hours	
Heat Dissipation	• 14.28 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

¹ The 2.5G interface supports force mode only.

² Supported on the 1G interface only.



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