

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 Control¹ IEEE 802.1p QoS² 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	• 12 V/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	• LVD, BSMI	
EMI/EMC	CE Class B, RCM Class B, FCC Class B, VCCI Cla	CE Class B, RCM Class B, FCC Class B, VCCI Class B, IC Class B, BSMI Class B	

The 2.5G interface supports force mode only.
 Supported on the 1G interface only.



For more information: eu.dlink.com

