D-Link

Product Highlights

High-Speed Networking

Eight 2.5 Gigabit Ethernet ports provide multi-speed transmission for high-performance Wi-Fi 6 networks, allowing fast data transfers and maximizing 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-108P

8-Port Multi-Gigabit Unmanaged PoE Switch

Features

Fast Connectivity

- Eight 2.5 Gigabit LAN ports for high-speed wired connections
- Plug-and-play installation for convenience

Multicast Features

- IGMP Snooping optimizes multicast data streams for bandwidth-intensive applications such as IPTV

Adequate PoE Power Budget

- Supports IEEE 802.3/af/at/bt standard
- Each port provides up to 90 W of power, with a total power budget of 230 W

Green Ethernet Features

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

Eco-Friendly Design

- RoHS compliant

Silent Operation

- Fanless design

The DMS-108P 8-Port Multi-Gigabit Unmanaged PoE Switch is ideally suited for Small Office Home Office (SOHO) environments. With a durable design, silent operation, and plug-and-play functionality, the DMS-108P switch can be easily set up and be placed in almost any location where network PoE connectivity is required. Support for IEEE 802.3az Energy-Efficient Ethernet (EEE), 802.1p Quality of Service (QoS), and multi-Gigabit Ethernet connection speeds provide advanced features in a compact package.

Integrated Networking

The DMS-108P switch uses auto-sensing ports, providing a small workgroup to flexibly connect Ethernet, Fast Ethernet, Gigabit and 2.5 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 DMS-108P 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 DMS-108P switch features multiple front, easy-to-access Ethernet ports with LED indicators per port to easily distinguish link status.

Green Technology

The DMS-108P 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. 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-108P 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 prioritized, 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-108P 8-Port Multi-Gigabit Unmanaged PoE Switch

Technical Specifications		
HW Version	A1	
Device Interfaces	8 x 10/100Mbps/1G/2.5G PoE 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) • IEEE 802.3af/at/bt PoE Standard
Media Interface Exchange	Auto MDI/MDIX adjustment for all ports	
LEDs	• Power (per unit) • Link/Activity (per port)	• PoE (per port)
Performance		
Transmission Method	Store-and-forward	
Switching Capacity	40 Gbps	
Max. Packet Forwarding Rate	29.76 Mpps	
MAC Address Table	4K entries	
MAC Address Learning	Automatic update	
Packet Buffer	1 MB	
PoE		
PoE Standards	• IEEEE 802.3af • IEEEE 802.3at	• IEEEE 802.3bt
PoE-Enabled Ports	Ports 1 to 8	
PoE Power Budget	230 W (90 W max per PoE port)	
Physical		
Dimensions	190 x 120 x 38 mm	
Weight	0.753 Kg	
Power	54 V / 4.62 A	
Maximum Power Consumption	261.02 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% RH	• Storage: 5% to 90% RH
MTBF	140,688,261 hours	
Heat Dissipation	890.6 BTU/h	
Certifications		
Safety	• CB • UL	• LVD
EMI/EMC	• FCC • VCCI	• IC • BSMI
Order Information		
Part Number	*Description*	
DMS-108P	8-ports 10/100Mbps/1G/2.5G Unmanaged PoE Switch	

A1 v1.01 WW