Product Highlights

High-Speed 2.5Gigabit Networking

Five 2.5 Gigabit Ethernet ports provide multi-speed transmission for high-performance Wi-Fi 6 networks and a 10G SFP+ port provides uplink connectivity.

Durable Metal Design

Durable metal housing with a fanless design ensures silent operation and reliable performance.

Energy-Efficient Technology

IEEE 802.3az Energy-Efficient Ethernet (EEE) reduces power consumption while maintaining network performance.



DMS-106X

6-PORT 2.5G WITH 10G UPLINK UNMANAGED SWITCH

Key Features

Fast Connectivity

- Five 2.5 Gigabit LAN ports for high-speed wired connections
- One 10 Gbps SFP+ port for Uplink connectivity
- Plug-and-play installation for convenience

Traffic Prioritization

- Support IEEE 802.1p QoS
- Support IEEE 802.3x Flow Control
- IGMP Snooping for multicast data streams optimization

Energy-Efficient Operation

- IEEE 802.3az Energy-Efficient Ethernet (EEE)

Regulatory Compliance

- RoHS Compliant

Silent Operation

- Fanless design

Upgrade your collaborative workspace to a lag-free zone. The D-Link® DMS-106X 6-Port multi-gigabit solution instantly links your central NAS storage, high-speed modems, and power users, streamlining heavy local data synchronization via unmanaged plug-and-play simplicity.

Comprehensive Multi-Gigabit Connectivity

The DMS-106X is engineered to eliminate network bottlenecks, featuring five 2.5 Gbps ports and a high-speed 10 Gbps uplink port to effortlessly handle heavy data traffic from multi-gigabit Wi-Fi 6/7 routers, NAS devices, and high-performance workstations with full backward compatibility.

Hassle-Free Plug-and-Play Deployment

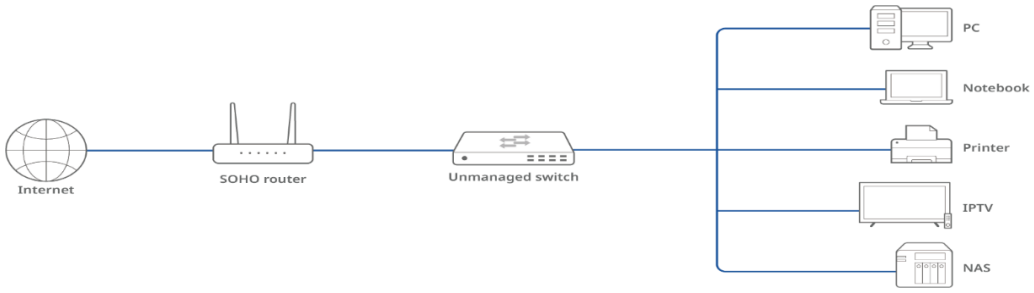
Designed for instant, hassle-free deployment, its wire-speed, non-blocking architecture supports auto-negotiation and automatic MDI/MDIX crossover, allowing seamless plug-and-play connectivity without requiring complex configurations or special cables.

Silent, Energy-Efficient, and Reliable Operation

Built for optimal efficiency and longevity, the switch combines green technology featuring IEEE 802.3az Energy-Efficient Ethernet and link status detection with a robust, fanless metal enclosure that ensures completely silent, thermally stable operation under continuous heavy workloads.

DMS-106X 2.5G WITH 10G UPLINK UNMANAGED SWITCH

Connection Diagram



Specifications

Technical Specifications
HW Version
A1
Device Interfaces
5 x 10/100Mbps/1G/2.5G ports 1 x 1G/10G SFP+ port
Standards
• IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-TX • IEEE 802.3bz 2.5GBASE-T • IEEE 802.3an 10GBASE-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
LEDs
• Power (Per Device) • Link/Act/Speed (Per Port)
Performance
Transmission Method
Store-and-forward
Switching Capacity
40 Gbps
Max. Packet Forwarding Rate
33.48 Mpps
MAC Address Table
4K
MAC Address Learning
Automatic update
Packet Buffer
1MB

Physical
Dimensions
158 x 105 x 27 mm
Weight
0.385 KG
Power
DC 12V/1A
Max Power Consumption
7.02 Watts
Temperature
• Operating: 0 to 40 °C (32 to 104 °F) • Storage: -40 to 70 °C (-40 to 158 °F)
Humidity
• Operating: 10% to 90% RH • Storage: 5% to 90% RH
MTBF
1,243,417 hours
Heat Dissipation
27.19 BTU/hr
Certifications
EMI/EMC
CE (Class A), FCC (Class A), RCM (Class A), BSMI (Class A)
Safety
BSMI, LVD
Ordering Information
Part Number
DMS-106X
Description
6-Port 2.5G With 10G Uplink Unmanaged Switch

Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic and network overhead, may lower actual data throughput rate. All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from images or descriptions provided in this document.

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