

Product Highlights

Reliable Connection

Fast Ethernet ports allow you to connect eight devices with reliable transmission quality or file transfers.

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.



DES-108

8-Port Fast Ethernet Unmanaged Switch

Key Features

Reliable Connectivity

- Eight Fast Ethernet LAN ports for reliable wired connections
- Plug-and-play installation for convenience

Green Ethernet Features

- IEEE 802.3az Energy-Efficient Ethernet (EEE)

Eco-Friendly Design

- RoHS compliant

Silent Operation

- Fanless design

The DES-108 8-port Fast Ethernet Unmanaged Switches are an economical, plug-and-play networking solution for SOHO and small-to-medium-sized businesses with eight 10/100Mbps ports and compliance with IEEE 802.3az EEE standards, allowing you to easily expand your network in a most energy efficient way with reliable connectivity and versatile functionality.

Integrated Networking

The DES-108 8-Port Fast Ethernet Unmanaged Switch uses auto-sensing 10/100Mbps ports, allowing a small workgroup to flexibly connect to Ethernet and Fast Ethernet devices to create an integrated network. These ports detect the network speed and auto negotiate between 10BASE-T and 100BASE-TX, as well as between full and half-duplex, allowing you to get the maximum speed possible for each device connected to your network.

Simplified Installation

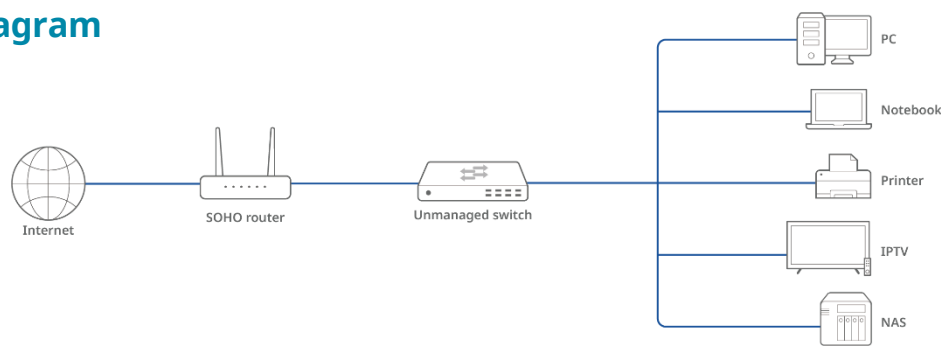
All of the ports on the DES-108 support automatic MDI/MDIX crossover, eliminating the need for crossover cables or uplink ports. Each port can be plugged directly to a server, hub, router, or switch using regular Ethernet cables. In addition, the DES-108 features multiple front, easy-to-access Ethernet ports with LED indicators per port to easily distinguish link status.

Green Technology

The DES-108 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.

DES-108 8-Port Fast Ethernet Unmanaged Switch

Connection Diagram



Specifications

Technical Specifications
HW Version
E1
Device Interfaces
8 x 10/100Mbps ports
Standards
- IEEE 802.3 10BASE-T - IEEE 802.3u 100BASE-TX - IEEE 802.3az Energy-Efficient Ethernet (EEE) - IEEE 802.3x Flow Control
Media Interface Exchange
Auto MDI/MDIX adjustment for all ports
LEDs
- Power (per unit) - Link/Activity (per port)
Performance
Transmission Method
Store-and-forward
Switching Capacity
1.6 Gbps
Max. Packet Forwarding Rate
1.19 Mpps
MAC Address Table
1K entries
MAC Address Learning
Automatic update
Packet Buffer
448K bits

Physical
Dimensions
140 x 67 x 26 mm (W x D x H)
Weight
0.2 kg
Power
DC 5V/550 mA
Max Power Consumption
1.58 W
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
1,622,267 hours
Heat Dissipation
5.39 BTU/hr
Certifications
Safety
LVD
EMI/EMC
CE Class B, FCC Class B
Ordering Information
Part Number
DES-108
Description
8-Port 10/100 Mbps Unmanaged Switch

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.

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