

D-Link DGS-108/E switch

LAN (1Gb/s): 8 port, fekete

Cikkszám: DGS-108/E

Ár:

14 140 Ft



Key Features

- Built-in D-Link Green Technology
- Inexpensive Gigabit solution for Home/SOHO
- Eight 10/100/1000 Mbps Gigabit ports
- 16 Gbps switching fabric
- Auto MDI/MDIX crossover for all ports
- Secure store-and-forward switching scheme
- Full/half-duplex for Ethernet/Fast Ethernet speeds
- IEEE 802.3x Flow Control
- Supports 9,000 Byte Jumbo Frames
- Supports IEEE 802.1p QoS (4 Queues, Strict Mode)
- Supports Cable Diagnostics Function
- RoHS compliant
- Plug-and-play installation

Standards

- IEEE 802.3 10BASE-T Ethernet (twistedpair copper)
- IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper)
- IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper)
- ANSI/IEEE 802.3 NWay auto-negotiation
- IEEE 802.3x Flow Control
- IEEE 802.1p QoS
- IEEE 802.3az Energy-Efficient Ethernet (EEE)

Protocol

- CSMA/CD

Data Transfer Rates

- Ethernet:
 - 10 Mbps (half duplex)
 - 20 Mbps (full duplex)
- Fast Ethernet:
 - 100 Mbps (half duplex)
 - 200 Mbps (full duplex)
- Gigabit Ethernet:
 - 2000 Mbps (full duplex)

Topology

- Star

Network Cables

- 10BASE-T:
 - UTP CAT 3, 4, 5/5e (100 m max.)
 - EIA/TIA-586 100-ohm STP (100 m max.)
- 100BASE-TX, 1000BASE-T:
 - UTP CAT 5/5e (100 m max.)
 - EIA/TIA-568 100-ohm STP (100 m max.)

Media Interface Exchange

- Auto MDI/MDIX adjustment for all ports

LED Indicators

- Per port: Link/Activity/Speed
- Per device: Power

Transmission Method

- Store-and-forward

MAC Address Table

- 8K

MAC Address Learning

- Automatic update

Packet Filtering/Forwarding Rates

- Ethernet: 14,880 pps per port
- Fast Ethernet: 148,800 pps per port
- Gigabit Ethernet: 1,488,000 pps per port

RAM Buffer

- 128 KB per device

DC Input

- External 5 V/1 A Level “V” Power Adapter

Power Consumption

- Power On (Standby):
 - DC input: 0.55 watts
 - AC input: 1.0 watts
- Maximum:
 - DC input: 2.8 watts
 - AC input: 4.5 watts

Heat Dissipation

- Power On (Standby)
 - AC input: 3.41 BTU/h
- Maximum
 - DC input: 9.548 BTU/h

MTBF

- 2,053,751 hours

Operating Temperature

- 0 to 50 °C (32 to 130 °F)

Storage Temperature

- -10 to 70 °C (14 to 158 °F)

Operating Humidity

- 10% to 90% RH non-condensing

Storage Humidity

- 5% to 90% RH non-condensing

Device Dimensions (W x D x H)

- 162 x 102 x 28 mm (6.3 x 4 x 1.1 inches)

Certifications

- FCC Class B
- ICES-003 Class B
- CE Class B
- C-Tick Class B
- VCCI Class B
- cUL
- CB