

D-Link Switch/5xF+Gigabit ENet IEE 802.3x



Code:
SWIDL2359467

Vendor code:
DGS-105/E

EAN code:
790069368226

DGS-105 - 5-Port 10/100/1000 Gigabit Metal Housing Desktop Switch, Auto MDI/MDIX, Full/half-duplex, Jumbo Frames, 10 Gbps, QoS, Black

- Plug and Play operation- 5 Gigabit Ethernet ports- Non-blocking architecture: simultaneous full speed on all ports- Fanless, silent operation to fit in any environment- Quality of Service (QoS) queues for traffic prioritisation- Solidly built with metal housing- Cable diagnostics function to detect faulty network cables- D-Link Green™ technology, saves energy and increases the product's lifespanD-Link's DGS-105 Gigabit Ethernet switch provides a cost-effective way for SOHO and SMB to create a small network and connect computers, wireless Access Points, IP cameras, network printers and other Ethernet devices quickly and easily without complicated configurations. This switch comes with 5 Gigabit Ethernet ports with an auto-sensing function to detect the maximum speed of the connected devices, allowing you to run your network with the best possible performance. Its fanless design makes the DGS-105 completely silent, ideal for offices, libraries or meeting rooms.

Robust design

The DGS-105 is designed with durability and performance in mind. The sturdy metal housing will protect the switch against accidental harm, while helping to dissipate heat and to reduce stress on internal components. The visible LEDs allow for an easy reading of each port status and speed, helping to troubleshoot connectivity problems. For a convenient placement, the DGS-105 comes with a wall mounting kit and a slot for a Kensington security lock to protect it from theft.

QoS (Quality of Service)

Despite being an unmanaged, Plug and Play switch, the DGS-105 is able to classify network traffic by assessing the 802.1p field in the Ethernet frames, and forward them out of its ports depending on their priority. This allows for a smooth integration of video, voice and data traffic without delays or loss of quality.

Cable diagnostics function

The cable diagnostics function enables users to quickly troubleshoot faulty network cables that may lead to transmission errors. At startup, the switch performs a micro-test to assess the quality of the cables connected to its ports. If a fault is detected, the amber LED will lit up. If the cables pass the test, the green LED will be illuminated, indicating that the network is error-free. This feature can save valuable time when trying to single out a faulty cable that causes problems in the whole network.

Power-saving technology

The DGS-105 is part of D-Link Green™, D-Link's eco-friendly technology, providing energy savings, reduced power consumption, and a longer product lifespan without sacrificing operational performance or functionality. This switch implements the 802.3az Energy Efficient Ethernet (EEE) standard, which can save a substantial amount of energy by detecting the port status, putting them in low-power, stand-by mode when no network traffic is detected. Additionally, the Green Ethernet™ technology in the DGS-105 can detect the length of the network cables connected to its ports and provide only the right amount of energy required. This helps businesses to save money by reducing their electricity bills with no compromise on performance.

Beheerfuncties

Quality of Service (QoS)	Ja
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Beveiliging

MAC adres filtering	Ja
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Data-uitwisseling

Jumbo Frames ondersteuning	Ja
MAC-adrestabel	2000 entries
Max. overdrachtsnelheid	1 Gbit/s
Ondersteunde data-overdrachtsnelheden	10/100/1000 Mbps
Store-and-forward	Ja
Switchingcapaciteit	10 Gbit/s

Design

Certificering	FCC Class B, ICES-003 Class B, CE Class B, C-Tick Class B, VCCI Class B, cUL, CB, RoHS
Kleur van het product	Zwart
Materiaal behuizing	Metaal
Rack-montage	Nee

Eisen aan de omgeving

Luchtvochtigheid bij opslag	5 - 90 procent
Relatieve luchtvochtigheid, in bedrijf	10 - 90 procent
Temperatuur bij opslag	-10 - 70 °C
Temperatuur, in bedrijf	0 - 50 °C

Energie

Netstekker	DC-in ingang
Stroom	1 A
Typisch stroomverbruik	2,1 W

Gewicht en omvang

Gewicht	286 g
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Netwerk

10G support	Ja
Auto MDI/MDI-X	Ja
Datastroombeheer	Ja
Full duplex	Ja
Netwerkstandaard	IEEE 802.1p, IEEE 802.3, IEEE 802.3ab, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x

Overige specificaties

Afmetingen (BxDxH)	100 x 98 x 28 mm
Connectiviteitstechnologie	Bedraad
Ingangsspanning	5 V
Overdrachtssnelheid	2000 Mbit/s

Poorten & interfaces

Aantal basis-switching RJ-45 Ethernet-poorten	5
Koperen ethernetbekabelingstechnologie	1000BASE-T, 100BASE-TX, 10BASE-T

Prestatie

Mean time between failures (MTBF)	1688338 uur
Packet buffergeheugen	0,128 MB