



D-Link DGS 105 - Switch - 5 x 10/100/1000

desktop

Group	Network Equipment
Manufacturer	D-Link
Manufacturer item no.	DGS-105/E
EAN/UPC	0790069368226

Description

D-Link's DGS-105 and DGS-108 Gigabit Ethernet switches provide a cost-effective way for small and medium sized businesses 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. These switches come with 5 or 8 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. Their fanless design and solid metal housing makes them completely silent so they are ideal for offices, libraries or meeting rooms, and for industrial and hazardous environments like factories and warehouses.

The DGS-105 and DGS-108 are designed with durability and performance in mind. Their sturdy metal housing will protect them against accidental harm, while helping to dissipate heat and to reduce stress on internal components. The LEDs allow for an easy reading of each port status and speed, helping to troubleshoot connectivity problems. For a convenient placement, these switches come with a wall mounting kit and a slot for a Kensington security lock to protect them from theft.

Despite being unmanaged, Plug and Play switches, the DGS-105 and DGS-108 are 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.

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.

The DGS-105 and DGS-108 are 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. These switches implement 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-

105/108 can detect the length of the network cables connected to their 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.

Main features

Product Description	D-Link DGS 105 - switch - 5 ports
Device Type	Switch - 5 ports
Subtype	Gigabit Ethernet
Ports	5 x 10/100/1000
Performance	Switching capacity: 10 Gbps
MAC Address Table Size	8K entries
Jumbo Frame Support	9000 bytes
Features	Flow control, auto-sensing per device, auto-negotiation, packet filtering, store and forward
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3az
Dimensions (WxDxH)	10 cm x 9.8 cm x 2.8 cm
Weight	286 g

Extended details

General	
Device Type	Switch - 5 ports
Enclosure Type	Desktop
Subtype	Gigabit Ethernet
Ports	5 x 10/100/1000
Performance	Switching capacity: 10 Gbps
MAC Address Table Size	8K entries
Jumbo Frame Support	9000 bytes
Features	Flow control, auto-sensing per device, auto-negotiation, packet filtering, store and forward
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3az
RAM	128 KB
Status Indicators	Power, link/activity
Expansion / Connectivity	
Interfaces	5 x 1000Base-T RJ-45
Power	
Power Device	External power adapter
Miscellaneous	
MTBF	1,688,338 hours
Compliant Standards	FCC Class B certified, VCCI Class B ITE, cUL, CB, ICES-003 Class B, C-Tick Class B
Dimensions & Weight	
Width	10 cm
Depth	9.8 cm



Height	2.8 cm
Weight	286 g
Manufacturer Warranty	
Service & Support	Limited warranty - lifetime
Environmental Parameters	
Min Operating Temperature	30 °C
Max Operating Temperature	50 °C
Humidity Range Operating	10 - 90% (non-condensing)
Min Storage Temperature	10 °C
Max Storage Temperature	70 °C
Humidity Range Storage	5 - 90% (non-condensing)

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