D-Link DGS-1210-08P Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Black

Model: DGS-1210-08P/E

Manufacturer: D-LINK

EAN: 790069467691

Product Code: 412942

R4,068

The DGS-1210 Series Smart Switches is the latest generation of D-Link Smart Switches featuring D-Link Green 3.0 technology. The series offers a high level of energy saving and efficiency, as it also complies with the IEEE 802.3az Energy Efficient Ethernet standard. Support for IPv6 management and configurations ensures your network remains protected after the upgrade from IPv4 to IPv61. By offering multiple management options, the Smart Switches allows quick deployment, infrastructure expansion, and seamless function upgrades. Built for small and medium-sized businesses, the DGS-

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1210 Series Smart Switches provide functionality, security, and manageability for a fraction of the standard cost of ownership.

The DGS-1210 Series Smart Switches includes a range of affordable PoE-enable switches for businesses looking to power VoIP phones, wireless access points or network cameras. The DGS-1210-08P1 is a 8-port Smart PoE Switch that provides 8 PoE-enabled ports that can supply power of up to 15.4 W each. Whereas the DGS-1210-24P1 is a 24-port Smart PoE Switch that provides 12 PoE-enabled ports that can support up to 30 W of power output following IEEE 802.3at standard. The design allows more flexibility in power allocation for a variety of powered devices with affordable installation costs.

Easy Management

The D-Link Smart Switches series is designed for easy management. All configurations can be made through a Web interface regardless of the host PC’s operating system. Furthermore, the web UI contains ten language options to make operations more straightforward. During the first installation, the D-Link Network Assistant2 will automatically discover all D-Link Smart Switches in the network, allowing administrators to assign IP addresses and the subnet mask quickly. It also allows simultaneous firmware upgrades to multiple switches, saving a great deal of time. The D-Link Network Assistant1’s important management commands, such as downloading firmware or a configuration file, offer a sophisticated method of batch operations for multiple switches.

Energy Saving

DGS-1210 switches are capable of conserving power without sacrificing operational performance or functionality by using D-Link Green 3.0 technology. Using the Energy Efficient Ethernet standard, the network will automatically decrease the power usage when traffic is low with no setup required. For environments not fully supporting the standard, DGS-1210 switches offer advanced power-saving settings including port shutoff and standby, LED shutoff, and system hibernation based on custom scheduling profiles. The profiles can also be applied to the PoE switch so that there is no unnecessary power consumption during off hours. The DGS-1210 Series switches can also detect the length of connected cables to automatically reduce power usage on shorter cable connections.

Auto Surveillance VLAN and Voice VLAN

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The process of setting up IP surveillance and VoIP on a network is automated with the D-Link Smart Switches. Auto Surveillance VLAN (ASV) consolidates data and surveillance video transmission through the network, sparing businesses the expense of maintaining dedicated facilities. ASV also protects the quality of real-time video by grouping IP surveillance devices on a single high priority VLAN. This ensures that surveillance video streams will not be affected when ordinary data traffic is at their highest levels. Similarly, the Auto Voice VLAN guarantees clear audio quality and efficient transmission for all voice communication.

Exclusive Layer 2 Features

Equipped with a complete lineup of L2 features, the DGS-1210 Series switches include IGMP Snooping, Port Mirroring, Spanning Tree, and Link Aggregation Control Protocol (LACP). The IEEE 802.3x Flow Control function allows servers to directly connect to the switch for fast, reliable data transfer. At 2000 Mbps Full Duplex, the Gigabit ports provide high-speed data pipes to servers with minimum data transfer loss. Network maintenance features include Loopback Detection and Cable Diagnostics. Loopback Detection is used to detect loops created by a specific port and automatically shut down the affected port. The Cable Diagnostic feature is designed primarily for administrators and customer service representatives, and can rapidly discover the type of error and determine the cable quality.

Secure your Network

D-Link’s innovative Safeguard Engine protects the switches against traffic flooding caused by virus attacks. The switches also support 802.1X port-based authentication, allowing the network clients to be authenticated through external RADIUS servers. In addition, the Access Control List (ACL) feature enhances network security and protects the network by screening traffic from illegal MAC or IP addresses. ARP Spoofing Prevention prevents malicious intruders from sending massive fake ARP messages through a manipulated source. This protects important data from being stolen by Man-in-the-Middle attacks, and prevents wasting CPU cycles on these packets. For added security, the DHCP Server Screening feature blocks rogue DHCP server packets from user ports to prevent unauthorized IP assignment.

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