

## Product Highlights

### Comprehensive Management Solution

Easily manage your entire network with the Web GUI or D-Link Network Assistant, as well as additional surveillance mode optimised for video surveillance

### Strong Security

Innovative Safeguard Engine, ACL, and ARP Spoofing Prevention protect your network from malicious attacks and illegal access

### Green Solution

Range of D-Link Green Technology features help save energy usage automatically and reduce costs, without sacrificing performance



## DGS-1210 Series

# Gigabit Smart Managed Switches

## Features

### Green Technology

- IEEE 802.3az Energy Efficient Ethernet
- D-Link Green 3.0 power-saving features
  - LED and Port Shutoff
  - Port Standby
  - System Hibernation
  - Cable Length Detection
  - Link Status Detection
  - Time-based PoE (PoE model only)

### Security Features

- Access Control List
- D-Link Safeguard Engine
- Port Security
- ARP Spoofing Prevention
- Smart IP-MAC-Port Binding
- DHCP Server Screening

### Intuitive Management

- IPv4/IPv6 Dual Stack
- Web GUI
- D-Link Network Assistant
- SNMP and RMON

### Advanced Features

- Surveillance mode

The D-Link DGS-1210 Series Smart Managed Switches are the latest generation of switches to provide increased Power over Ethernet (PoE) output, a range of physical interface types, multiple management interfaces and advanced Layer 2 features. Support for IPv6 management and configurations ensures your network remains protected after the upgrade from IPv4 to IPv6. By offering multiple management options, the Gigabit Smart Managed Switches allows quick deployment, infrastructure expansion, and seamless function upgrades. Built for small and medium-sized businesses, the DGS-1210 Series provide functionality, security, and manageability for a fraction of the standard cost of ownership.

The DGS-1210 Series Gigabit Smart Managed Switches includes a range of affordable PoE-enabled switches for businesses looking to power VoIP phones, wireless access points or network cameras. The DGS-1210-08P is a 8-port Smart Managed PoE Switch that provides 8 PoE-enabled ports that can supply power of up to 30 W each. Whereas the DGS-1210-24P is a 24-port Smart Managed PoE Switch that provides 24 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 DGS-1210 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 Assistant will automatically discover all D-Link Gigabit Smart Managed 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 Assistant'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 Series switches are capable of conserving power without sacrificing operational performance or functionality. 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 Series 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

The process of setting up IP surveillance and VoIP on a network is automated and cannot be easier. 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. Surveillance Mode also includes its own Web UI, making surveillance features easily accessible and simplifying management of your surveillance network.

## 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 unauthorised IP assignment.

| Technical Specifications                |                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| General                                 | DGS-1210-16                                                                                                                                                                       | DGS-1210-24                                                                                                                       | DGS-1210-48                                                                                                                       |
| Port Standards & Functions              | IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet<br>IEEE 802.3ab 1000BASE-T Gigabit Ethernet, IEEE 802.3x Flow Control for Full-Duplex Mode<br>Auto-negotiation |                                                                                                                                   |                                                                                                                                   |
| Number of Ports                         | <ul style="list-style-type: none"> <li>• 16 x 10/100/1000BASE-T ports</li> <li>• 4 x Combo 10/100/1000BASE-T/SFP ports</li> </ul>                                                 | <ul style="list-style-type: none"> <li>• 24 x 10/100/1000BASE-T ports</li> <li>• 4 x Combo 10/100/1000BASE-T/SFP ports</li> </ul> | <ul style="list-style-type: none"> <li>• 48 x 10/100/1000BASE-T ports</li> <li>• 4 x Combo 10/100/1000BASE-T/SFP ports</li> </ul> |
| Network Cables                          | UTP Cat. 5, Cat. 5e (100 m max.)<br>EIA/TIA-568 100-ohm STP (100 m max.)                                                                                                          |                                                                                                                                   |                                                                                                                                   |
| Full/Half Duplex                        | Full/half duplex for 10/100 Mbps speeds<br>Full duplex for Gigabit speed                                                                                                          |                                                                                                                                   |                                                                                                                                   |
| Media Interface Exchange                | Auto or configurable MDI/MDIX                                                                                                                                                     |                                                                                                                                   |                                                                                                                                   |
| Performance                             |                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
| Switching Capacity                      | 40 Gbps                                                                                                                                                                           | 56 Gbps                                                                                                                           | 104 Gbps                                                                                                                          |
| Transmission Method                     | Store-and-forward                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                   |
| MAC Address Table                       | 8K entries per device                                                                                                                                                             | 8K entries per device                                                                                                             | 16K entries per device                                                                                                            |
| MAC Address Update                      | Up to 256 static MAC entries<br>Enable/disable auto-learning of MAC addresses                                                                                                     |                                                                                                                                   |                                                                                                                                   |
| Maximum 64 bytes Packet Forwarding Rate | 29.8 Mpps                                                                                                                                                                         | 41.7 Mpps                                                                                                                         | 77.4 Mpps                                                                                                                         |
| Packet Buffer Memory                    | 4.1 Mbits                                                                                                                                                                         | 4.1 Mbits                                                                                                                         | 12 Mbits                                                                                                                          |
| Physical & Environment                  |                                                                                                                                                                                   |                                                                                                                                   |                                                                                                                                   |
| AC Input                                | 100 to 240 VAC 50/60 Hz internal universal power supply                                                                                                                           |                                                                                                                                   |                                                                                                                                   |
| Maximum Power Consumption               | 13.02 W                                                                                                                                                                           | 16.94 W                                                                                                                           | 34.2 W                                                                                                                            |
| Standby Power Consumption               | 5.56 W                                                                                                                                                                            | 6.55 W                                                                                                                            | 13.9 W                                                                                                                            |
| Fan Quantity                            | 0                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                   |
| Acoustics                               | 0 dB(A)                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                   |
| Heat Dissipation                        | 44.41 BTU/hr                                                                                                                                                                      | 57.79 BTU/hr                                                                                                                      | 116.7 BTU/hr                                                                                                                      |
| Operation Temperature                   | -5 to 50 °C (23 to 122 °F)                                                                                                                                                        |                                                                                                                                   |                                                                                                                                   |
| Storage Temperature                     | -20 to 70 °C (-4 to 158 °F)                                                                                                                                                       |                                                                                                                                   |                                                                                                                                   |
| Operation Humidity                      | 0% to 95% non-condensing                                                                                                                                                          |                                                                                                                                   |                                                                                                                                   |
| Storage Humidity                        | 0% to 95% non-condensing                                                                                                                                                          |                                                                                                                                   |                                                                                                                                   |
| Dimensions                              | 280 x 180 x 44 mm<br>19" standard rack mounting width, 1U height                                                                                                                  | 440 x 140 x 44 mm<br>19" standard rack mounting width, 1U height                                                                  | 440 x 210 x 44 mm<br>19" standard rack mounting width, 1U height                                                                  |
| Weight                                  | 1.75 kg                                                                                                                                                                           | 2.15 kg                                                                                                                           | 3.46 kg                                                                                                                           |
| Diagnostic LEDs                         | Power (per device), Link/Activity/Speed (per 10/100/1000 Mbps port), Link/Activity/Speed (per combo port)                                                                         |                                                                                                                                   |                                                                                                                                   |
| MTBF                                    | 1,087,100 hours                                                                                                                                                                   | 992,594 hours                                                                                                                     | 400,667 hours                                                                                                                     |
| Certifications and Safety               | CE Class A, cUL, CE LVD                                                                                                                                                           |                                                                                                                                   |                                                                                                                                   |

## Technical Specifications

| General                                 | DGS-1210-08P                                                                                                                                                                                                                    | DGS-1210-24P                                                                                                                                                                                      |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Port Standards & Functions              | IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, IEEE 802.3x Flow Control for Full-Duplex Mode, IEEE 802.3af compliance, IEEE 802.3at compliance, Auto-negotiation |                                                                                                                                                                                                   |
| Number of Ports                         | <ul style="list-style-type: none"> <li>• 8 x 10/100/1000BASE-T PoE ports</li> <li>• 2 x SFP ports</li> </ul>                                                                                                                    | <ul style="list-style-type: none"> <li>• 24 x 10/100/1000BASE-T PoE ports</li> <li>• 4 x Combo 10/100/1000BASE-T/SFP ports</li> </ul>                                                             |
| Network Cables                          | UTP Cat. 5, Cat. 5e (100 m max.); EIA/TIA-568 100-ohm STP (100 m max.)                                                                                                                                                          |                                                                                                                                                                                                   |
| Full/Half Duplex                        | Full/half duplex for 10/100 Mbps speeds; Full duplex for Gigabit speed                                                                                                                                                          |                                                                                                                                                                                                   |
| Media Interface Exchange                | Auto or configurable MDI/MDIX                                                                                                                                                                                                   |                                                                                                                                                                                                   |
| Performance                             |                                                                                                                                                                                                                                 |                                                                                                                                                                                                   |
| Switching Capacity                      | 20 Gbps                                                                                                                                                                                                                         | 56 Gbps                                                                                                                                                                                           |
| Transmission Method                     | Store-and-forward                                                                                                                                                                                                               |                                                                                                                                                                                                   |
| MAC Address Table                       | 8K entries per device                                                                                                                                                                                                           | 8K entries per device                                                                                                                                                                             |
| MAC Address Update                      | Up to 256 static MAC entries, Enable/disable auto-learning of MAC addresses                                                                                                                                                     |                                                                                                                                                                                                   |
| Maximum 64 bytes Packet Forwarding Rate | 14.9Mpps                                                                                                                                                                                                                        | 41.7 Mpps                                                                                                                                                                                         |
| Packet Buffer Memory                    | 4.1 Mbits                                                                                                                                                                                                                       | 4.1 Mbits                                                                                                                                                                                         |
| PoE                                     |                                                                                                                                                                                                                                 |                                                                                                                                                                                                   |
| PoE Standard                            | IEEE 802.3af and IEEE 802.3at                                                                                                                                                                                                   | IEEE 802.3af and IEEE 802.3at                                                                                                                                                                     |
| PoE Capable Ports                       | Ports 1 to 8: Up to 30 W                                                                                                                                                                                                        | Ports 1 to 24: Up to 30 W                                                                                                                                                                         |
| PoE Power Budget                        | Max. 65 W                                                                                                                                                                                                                       | Max. 193 W                                                                                                                                                                                        |
| Physical & Environment                  |                                                                                                                                                                                                                                 |                                                                                                                                                                                                   |
| AC Input                                | 54.0 V DC external power adapter                                                                                                                                                                                                | 100 to 240 VAC 50/60 Hz internal universal power supply                                                                                                                                           |
| Maximum Power Consumption               | PoE Enable: 80.6 W<br>PoE Disable: 7.5 W                                                                                                                                                                                        | PoE Enable: 247.4W<br>PoE Disable: 28.1W                                                                                                                                                          |
| Standby Power Consumption               | 2.5 W                                                                                                                                                                                                                           | 16.6 W                                                                                                                                                                                            |
| Fan Quantity                            | 0                                                                                                                                                                                                                               | 1                                                                                                                                                                                                 |
| Acoustics                               | 0 dB(A)                                                                                                                                                                                                                         | High Speed: 51.7 dB(A)<br>Low Speed: 44.9 dB(A)                                                                                                                                                   |
| Heat Dissipation                        | 275.04 BTU/hr                                                                                                                                                                                                                   | 844.23 BTU/hr                                                                                                                                                                                     |
| Operation Temperature                   | -5 to 50 °C (23 to 122 °F)                                                                                                                                                                                                      |                                                                                                                                                                                                   |
| Storage Temperature                     | -20 to 70 °C (-4 to 158 °F)                                                                                                                                                                                                     |                                                                                                                                                                                                   |
| Operation Humidity                      | 0% to 95% non-condensing                                                                                                                                                                                                        |                                                                                                                                                                                                   |
| Storage Humidity                        | 0% to 95% non-condensing                                                                                                                                                                                                        |                                                                                                                                                                                                   |
| Dimensions                              | 280 x 126 x 44 mm<br>19" standard rack mounting width, 1U height                                                                                                                                                                | 440 x 250 x 44 mm<br>19" standard rack mounting width, 1U height                                                                                                                                  |
| Weight                                  | 0.95 kg                                                                                                                                                                                                                         | 3.75 kg                                                                                                                                                                                           |
| Diagnostic LEDs                         | Power (per device), Link/Activity/Speed/PoE (per 10/100/1000 Mbps port), Link/Activity/Speed (per SFP port), Button to switch LED display mode between PoE and Link/Activity                                                    | Power (per device), Fan (per device), Link/Activity/Speed/PoE (per 10/100/1000Base-T port), Link/Activity/Speed (per combo port), Button to switch LED display mode between PoE and Link/Activity |
| MTBF                                    | 729,258 hours                                                                                                                                                                                                                   | 469,262 hours                                                                                                                                                                                     |
| Certifications and Safety               | CE Class A, cUL, CE LVD                                                                                                                                                                                                         |                                                                                                                                                                                                   |

| Software Features         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2 Features               | <ul style="list-style-type: none"> <li>• MAC Address Table: 8K</li> <li>• Flow Control               <ul style="list-style-type: none"> <li>• 802.3x Flow Control</li> <li>• HOL Blocking Prevention</li> </ul> </li> <li>• Jumbo Frame up to 10,000 Bytes</li> <li>• IGMP Snooping               <ul style="list-style-type: none"> <li>• IGMP v1/v2 Snooping</li> <li>• IGMP Snooping v3 Awareness</li> <li>• Supports 256 IGMP groups</li> <li>• Supports at least 64 static multicast addresses</li> <li>• IGMP per VLAN</li> <li>• Supports IGMP Snooping Querier</li> </ul> </li> <li>• MLD Snooping               <ul style="list-style-type: none"> <li>• Supports MLD v1/v2 awareness</li> <li>• Supports 256 groups</li> <li>• Fast Leave</li> </ul> </li> <li>• Spanning Tree Protocol               <ul style="list-style-type: none"> <li>• 802.1D STP</li> <li>• 802.1w RSTP</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Loopback Detection</li> <li>• 802.3ad Link Aggregation               <ul style="list-style-type: none"> <li>• Max. 4 groups per device/8 ports per group (DGS-1210-08P)</li> <li>• Max. 8 groups per device/8 ports per group (DGS-1210-16/24/24P)</li> <li>• Max. 16 groups per device/8 ports per group (DGS-1210-48P)</li> </ul> </li> <li>• Port Mirroring               <ul style="list-style-type: none"> <li>• One-to-One, Many-to-One</li> <li>• Supports Mirroring for Tx/Rx/Both</li> </ul> </li> <li>• Multicast Filtering               <ul style="list-style-type: none"> <li>• Forwards all unregistered groups</li> <li>• Filters all unregistered groups</li> </ul> </li> <li>• LLDP, LLDP-MED</li> </ul> |
| VLAN                      | <ul style="list-style-type: none"> <li>• 802.1Q Tagged VLAN</li> <li>• VLAN Group               <ul style="list-style-type: none"> <li>• Max. 256 static VLAN groups</li> <li>• Max. 4094 VIDs</li> </ul> </li> <li>• Management VLAN</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>• Asymmetric VLAN</li> <li>• Auto Voice VLAN</li> <li>• Auto Surveillance VLAN</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Quality of Service (QoS)  | <ul style="list-style-type: none"> <li>• 802.1p Quality of Service</li> <li>• Queue Handling               <ul style="list-style-type: none"> <li>• Strict</li> <li>• Weighted Round Robin (WRR)</li> </ul> </li> <li>• 8 queues per port</li> <li>• Bandwidth Control               <ul style="list-style-type: none"> <li>• Port-based (Ingress/Egress, min. granularity for 10/100/1000Base-T ports is 16 Kb/s)</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• CoS based on               <ul style="list-style-type: none"> <li>• 802.1p Priority Queues</li> <li>• DSCP</li> <li>• ToS</li> <li>• TCP/UDP port number</li> <li>• IPv6 traffic class<sup>1</sup></li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Access Control List (ACL) | <ul style="list-style-type: none"> <li>• ACL based on               <ul style="list-style-type: none"> <li>• MAC Address</li> <li>• IPv4 Address (ICMP/IGMP/TCP/UDP)</li> <li>• IPv6 Address (ICMP/TCP/UDP)<sup>1</sup></li> <li>• 802.1p</li> <li>• DSCP</li> <li>• Ether type</li> <li>• IPv6 traffic class<sup>1</sup></li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>• ACL Actions               <ul style="list-style-type: none"> <li>• Permit</li> <li>• Deny</li> </ul> </li> <li>• Max. 6 profiles</li> <li>• Max. 768 entries</li> <li>• Single or multiple ports (each rule)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Security                  | <ul style="list-style-type: none"> <li>• Port Security               <ul style="list-style-type: none"> <li>• Supports up to 64 MAC addresses per port</li> </ul> </li> <li>• Broadcast/Multicast/Unicast Storm Control</li> <li>• Static MAC</li> <li>• D-Link Safeguard Engine</li> <li>• DHCP Server Screening</li> <li>• Trusted Host</li> <li>• ARP Spoofing Prevention               <ul style="list-style-type: none"> <li>• Max. 64 entries</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• SSL               <ul style="list-style-type: none"> <li>• Supports v1/v2/v3</li> <li>• Supports IPv4/IPv6</li> </ul> </li> <li>• Traffic Segmentation</li> <li>• Smart Binding               <ul style="list-style-type: none"> <li>• Discover connected devices and click to bind</li> <li>• ARP Packet Inspection: 256 entries</li> <li>• IP/4/IPv6 Packet Inspection: 127/63 entries</li> <li>• Supports DHCP Snooping</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                         |
| AAA                       | <ul style="list-style-type: none"> <li>• 802.1X Port-based Authentication               <ul style="list-style-type: none"> <li>• Supports RADIUS Server</li> <li>• Supports EAP, OTP, TLS, TTLS, PEAP</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OAM                       | <ul style="list-style-type: none"> <li>• Cable Diagnostics</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Factory Reset</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MIB                       | <ul style="list-style-type: none"> <li>• 1213 MIB II</li> <li>• 1493 Bridge MIB</li> <li>• 1907 SNMP v2 MIB</li> <li>• 1215 Trap Convention MIB</li> <li>• 2233 Interface Group MIB</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• D-Link Private MIB</li> <li>• Power-Ethernet MIB</li> <li>• LLDP MIB</li> <li>• D-Link ZoneDefense MIB<sup>1</sup></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

# DGS-1210 Series Gigabit Smart Managed Switches

| Software Features            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RFC Standard Compliance      | <ul style="list-style-type: none"><li>• RFC 783 TFTP</li><li>• RFC 854 Telnet Server</li><li>• RFC 951 BootP/DHCP Client</li><li>• RFC 1157 SNMP v1, v2, v3</li><li>• RFC 1213 MIB II, IF MIB</li><li>• RFC 1215 MIB Traps Convention</li><li>• RFC 1350 TFTP</li><li>• RFC 1493 Bridge MIB</li><li>• RFC 1542 BootP/DHCP Client</li><li>• RFC 1769 SNMP</li><li>• RFC 1901 SNMP v1, v2, v3</li><li>• RFC 1907 SNMP v2 MIB</li><li>• RFC 1908 SNMP v1, v2, v3</li><li>• RFC 2068 FCS</li><li>• RFC 2131 BootP/DHCP Client</li><li>• RFC 2138 RADIUS Authentication</li></ul> | <ul style="list-style-type: none"><li>• RFC 2139 RADIUS Authentication</li><li>• RFC 2233 Interface Group MIB</li><li>• RFC 2246 SSL</li><li>• RFC 2475</li><li>• RFC 2570 SNMP v1, v2, v3</li><li>• RFC 2575 SNMP v1, v2, v3</li><li>• RFC 2598 CoS</li><li>• RFC 2616 FCS</li><li>• RFC 2618 RADIUS Authentication</li><li>• RFC 2819 RMON v1</li><li>• RFC 2865 RADIUS Authentication</li><li>• RFC 3164 System Log</li><li>• RFC 3195 System Log</li><li>• RFC 3411-17 SNMP</li><li>• RFC 3621 Power Ethernet MIB</li></ul> |
| Management                   | <ul style="list-style-type: none"><li>• Web-based GUI</li><li>• Telnet Server</li><li>• TFTP Client</li><li>• IPv6 Neighbor Discovery</li><li>• Configurable MDI/MDIX</li><li>• SNMP<ul style="list-style-type: none"><li>• Supports v1, v2, v3</li></ul></li><li>• SNMP Trap</li><li>• System Log</li></ul>                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"><li>• BootP/DHCP Client</li><li>• D-Link Network Assistant support</li><li>• SNMP</li><li>• ICMPv6</li><li>• IPv4/v6 Dual Stack</li><li>• DHCP Auto Configuration</li><li>• RMON v1</li></ul>                                                                                                                                                                                                                                                                                                 |
| Power Saving Technology      | <ul style="list-style-type: none"><li>• 802.3az Energy Efficient Ethernet (EEE) (disabled by default)</li><li>• Power Saving by:<ul style="list-style-type: none"><li>• Link Status</li><li>• Cable Length detection</li><li>• LED or Port Shut-off</li></ul></li></ul>                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"><li>• Port Standby mode</li><li>• System Hibernation mode</li><li>• Time-based PoE (PoE model only)</li></ul>                                                                                                                                                                                                                                                                                                                                                                                 |
| Optional SFP Transceivers    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DEM-310GT                    | 1000BASE-LX, single-mode, 10 km                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DEM-311GT                    | 1000BASE-SX, multi-mode, 550 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Optional Management Software |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DV-700                       | D-View 7 Network Management Software (downloadable from <a href="http://dview.dlink.com">http://dview.dlink.com</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DV-700-N25-LIC               | D-View 7 License for 25 Nodes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DV-700-N250-LIC              | D-View 7 License for 250 Nodes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DV-700-P10-LIC               | D-View 7 License for 10 Probes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



For more information: [www.dlink.com](http://www.dlink.com)

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Updated November 2018

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