

Highlights

Seamless Integration

With a large variety of port configurations including PoE support and SFP ports, allowing business to build and expand a flexible and adaptive network

Manageability

Advanced management functions make for a truly versatile series of switches that integrate performance and scalability

IPv6 Ready

Fully IPv6 compatible and ready for enterprise deployment, giving you a head start on the next Internet standards evolution



DGS-1210 Series

Gigabit Smart Managed Switches

Features

Green Technology

- Power saving via the following features:
 - Link Status detection
 - LED Shut-Off
 - Port Shut-Off
 - System Hibernation
 - Time-based PoE
(DGS-1210-10P/10MP/28P/28MP/52P/52MP)

Security Features

- Access Control List secures network
- D-Link Safeguard Engine protects the CPU from Broadcast/Multicast/Unicast Flooding
- Port Security supports 64 MACs per port
- ARP Spoofing Prevention
- Smart Binding

Intuitive Management

- D-Link Network Assistant Utility or web-based GUI
- Built-in SNMP MIB for remote NMS (D-View 7.0)
- Command Line Interface (CLI) through Telnet

Advanced Features

- Static route (DGS-1210-10MP/26/28MP only)
- Surveillance Mode (DGS-1210-10MP/26 only)
- Auto Voice VLAN

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. With all of these features combined, the DGS-1210 Series provides a cost-efficient and flexible solution for expanding any business network.

The DGS-1210 Series includes a range of high power budget PoE-enable switches for businesses looking to power VoIP phones, wireless access points or network cameras. The DGS-1210-10P/10MP are 8-port Smart Managed PoE+ Switches that provides 8 PoE-enabled ports that can supply power of up to 30 W each. Whereas the DGS-1210-28P/28MP/52P/52MP are Smart Managed PoE+ switches with power budgets of 193/370 W, that provides 24/48 PoE-enabled ports with 4/8 ports that 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.

Advanced Features

Equipped with a complete line-up of L2 features, the DGS-1210 Series includes IGMP snooping, port mirroring, Spanning Tree Protocol (STP) 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 transfers. DGS-1210-10MP/26/28MP switches also support advanced features such as static routes, which allow network administrators to divide the network into VLANs, increasing network efficiency. 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, designed primarily for administrators and customer service representatives, can rapidly discover errors and determine the cable quality, allowing hassle-free diagnostics and maintenance.

Automatic Configuration

The DGS-1210 Series supports Auto Voice VLAN and Surveillance Mode¹, which allow voice and video traffic to be automatically identified and handled differently to regular network traffic. Auto Voice VLAN detects Voice over IP (VoIP) traffic and automatically segments it from the rest of the network, increasing security and allowing Quality of Service (QoS) to be applied. Surveillance Mode¹ detects compatible ONVIF cameras and places them in a surveillance VLAN, allowing a single switch to be used for voice, video, and data, removing the need for dedicated hardware and reducing maintenance costs. Surveillance Mode also includes its own Web UI, making surveillance features easily accessible and simplifying management of your surveillance network.

Secure your Network

D-Link's innovative Safeguard Engine protects the switches against traffic flooding caused by virus attacks. The DGS-1210 Series supports 802.1X port-based authentication, allowing the network to be authenticated through external RADIUS servers. In addition, the Access Control List (ACL) feature enhances network security and helps to protect the internal IT network. The DGS-1210 Series includes ARP spoofing prevention, which protects from attacks on the network that may allow an intruder to sniff data frames, modify traffic, or bring traffic to a halt altogether by sending fake ARP messages. To prevent ARP spoofing attacks, the switch uses packet control ACLs to block invalid packets that contain fake ARP messages. For added security, the DHCP server screening feature routes DHCP server packets from user ports to prevent unauthorised IP assignment.

Versatile Management

The DGS-1210 Series comes with the D-Link Network Assistant (DNA) utility that enables administrators to remotely control their network down to the port level. The D-Link Network Assistant utility furthermore allows customers to easily discover multiple D-Link Smart Managed Switches within the same L2 network segment and display them on-screen for instant access. With this utility, users do not need to change the IP address of their PC. This allows for simultaneous configuration and basic setup of all discovered devices, including password changes and firmware upgrades. The DGS-1210 Series also supports D-View 7.0 and Command Line Interface (CLI) through Telnet. D-View 7.0 is a network management system that allows for the central management of critical network characteristics such as availability, reliability, resilience, and security.

Energy Saving

Incorporating D-Link Green technology, the DGS-1210 Series switches are capable of power-saving without sacrificing operational performance or functionality. Link status drastically reduces power consumption by automatically toggling ports without a link to sleep mode. The DGS-1210 Series takes the approach to green IT one step further by incorporating a special chipset with advanced silicon technology for efficient use of energy.



If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

Technical Specifications

General

Model Number	• DGS-1210-10	• DGS-1210-20	• DGS-1210-26	• DGS-1210-28	• DGS-1210-52
Interfaces	• 8 x 10/100/1000 Mbps ports • 2 x SFP ports	• 16 x 10/100/1000 Mbps ports • 4 x SFP ports	• 24 x 10/100/1000 Mbps ports • 2 x SFP ports	• 24 x 10/100/1000 Mbps ports • 4 x SFP ports	• 48 x 10/100/1000 Mbps ports • 4 x SFP ports
Port Standards	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet (twisted-pair copper) • IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper) • IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper) <ul style="list-style-type: none"> • IEEE 802.3az compliance • Auto-negotiation • IEEE 802.3x Flow Control 				
Network Cables	• UTP Cat. 5, Cat. 5e (100 m max.)				
Duplex Mode	<ul style="list-style-type: none"> • Full/Half-duplex for 10/100 Mbps • Full-duplex for 1000 Mbps 				
Media Interface Exchange	• Auto MDI/MDIX adjustment for all twisted-pair ports				

Performance

Switching Capacity	• 20 Gbps	• 40 Gbps	• 52 Gbps	• 56 Gbps	• 104 Gbps
Transmission Method	• Store-and-forward				
MAC Address Table	• 16,000 entries per device		• 8,000 entries per device	• 16,000 entries per device	
Maximum 64 bytes packet forwarding rate	• 14.88 Mpps	• 29.8 Mpps	• 38.7 Mpps	• 41.7 Mpps	• 77.4 Mpps
Packet Buffer Memory	• 1.5 MB	• 1.5 MB	• 0.5 MB	• 1.5 MB	• 3.0 MB
CPU Memory	• 128 MB DDR3				
Flash Memory	• 16 MB	• 16 MB	• 32 MB	• 16 MB	• 16 MB

Physical/Environmental

AC Input	• 100 to 240 VAC 50/60 Hz internal universal power supply				
Maximum Power Consumption	• 13.59 W	• 16.09 W	• 15.11 W	• 22.45 W	• 38.27 W
Standby Power Consumption	• 9.4 W	• 8.80 W	• 5.06 W	• 17.84 W	• 29.49 W
Acoustics	• 0 dBA	• 0 dBA	• 0 dBA	• 0 dBA	• Low speed: 39.8 dBA • High speed: 49.2 dBA
Heat Dissipation	• 46.37 Btu/hr	• 54.91 Btu/hr	• 51.57 Btu/hr	• 76.55 Btu/hr	• 130.58 Btu/hr
Operating Temperature	• -5 to 50 °C (23 to 122 °F)				
Storage Temperature	• -20 to 70 °C (-4 to 158 °F)				
Operating Humidity	• 0% to 95% non-condensing				
Storage Humidity	• 0% to 95% non-condensing				
Dimensions (L x W x H)	• 280 x 126 x 44 mm (11.02 x 4.96 x 1.73 in)	• 280 x 180 x 44 mm (11.02 x 7.09 x 1.73 in)	• 440 x 140 x 44 mm (11.02 x 7.09 x 1.73 in)	• 440 x 140 x 44 mm (17.32 x 5.51 x 1.73 in)	• 440 x 210 x 44 mm (17.32 x 8.27 x 1.73 in)
Weight	• 1.54 kg (3.39 lbs)	• 1.28 kg (2.82 lbs)	• 2.06 kg (4.54 lbs)	• 1.67 kg (3.68 lbs)	• 2.58 kg (5.69 lbs)
Diagnostic LEDs	• Link/Activity/Speed (per 10/100/1000 Mbps port)				
Certifications	• BSMI, CCC, C-Tick, CE Class A, VCCI Class A, FCC Class A, cUL, CE (LVD)				
MTBF	• 360,844 hours	• 317,412 hours	• 1,082,534 hours	• 540,000 hours	• 481,624 hours

General			
Model	• DGS-1210-10P	• DGS-1210-10MP	• DGS-1210-28P
Interfaces	• 8 x 10/100/1000 Mbps PoE ports • 2 x SFP ports	• 8 x 10/100/1000 Mbps PoE ports • 2 x SFP ports	• 24 x 10/100/1000 Mbps PoE ports • 4 x SFP ports
Port Standards & Functions	• Ports 1 to 8 compliant with 802.3at	• Ports 1 to 8 compliant with 802.3at	• Ports 1 to 4 compliant with 802.3at • Ports 5 to 24 compliant with 802.3af
Other Port Standards & Functions	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet (twisted-pair copper) • IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper) • IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper) <ul style="list-style-type: none"> • IEEE 802.3az compliance • Auto-negotiation • IEEE 802.3x Flow Control • IEEE 802.3z 		
Network Cables	• UTP Cat. 5, Cat. 5e (100 m max.)		
Duplex Mode	<ul style="list-style-type: none"> • Full/Half-duplex for 10/100 Mbps • Full-duplex for 1000 Mbps 		
Media Interface Exchange	• Auto MDI/MDIX adjustment for all twisted-pair ports		
Performance			
Switching Capacity	• 20 Gbps	• 20 Gbps	• 56 Gbps
Transmission Method	• Store-and-forward		
MAC Address Table	• 16,000 entries per device		
MAC Address Update	• Up to 256 static MAC entries		
Maximum 64 bytes packet forwarding rate	• 14.88 Mpps	• 14.88Mpps	• 41.7 Mpps
Packet Buffer Memory	• 1.5 MB	• 0.5 MB	• 1.5 MB
CPU Memory	• 128 MB DDR3		
Flash Memory	• 16 MB	• 32 MB	• 16 MB
Physical/Environmental			
AC Input	• 100 to 240 VAC 50/60 Hz internal universal power supply		
Maximum Power Consumption	• 103.4 W (PoE on) • 17.9 W (PoE off)	• 148.7 W (PoE on) • 9.4 W (PoE off)	• 251.3 W (PoE on) • 26.3 W (PoE off)
Maximum PoE Budget	• 78 W	• 130 W	• 193 W
Standby Power Consumption	• 11.1 W	• 5.2 W	• 21.9 W
Acoustics	• 0 dBA	• 0 dBA	• Low speed: 47 dBA • High speed: 52.4 dBA
Heat Dissipation	• 352.63 Btu/hr	• 519.51 Btu/hr	• 840.89 Btu/hr
Operating Temperature	• -5 to 50 °C (23 to 122 °F)		
Storage Temperature	• -20 to 70 °C (-4 to 158 °F)		
Operating Humidity	• 0% to 95% non-condensing		
Storage Humidity	• 0% to 95% non-condensing		
Dimensions (L x W x H)	• 280 x 180 x 44 mm (11.02 x 7.08 x 1.73 in)	• 330 x 180 x 44 mm (12.99 x 7.09 x 1.73 in)	• 444 x 210 x 44 mm (17.32 x 8.27 x 1.73 in)
Weight	• 1.41 kg (3.1 lbs)	• 1.77 kg (3.90 lbs)	• 2.54 kg (5.60 lbs)
Diagnostic LEDs	<ul style="list-style-type: none"> • Link/Activity/Speed (per 10/100/1000 Mbps port) • Power Fail/Power Ok (per PoE port) 		
Certifications	• CE Class A, VCCI Class A, FCC Class A, BSMI, C-Tick, cUL, CE (LVD), CCC		
MTBF	• 315,336 hours	• 1,274,005 hours	• 239,236 hours

General			
Model	• DGS-1210-28MP	• DGS-1210-52P	• DGS-1210-52MP
Interfaces	• 24 x 10/100/1000 Mbps PoE ports • 4 x SFP ports	• 24 x 10/100/1000 Mbps PoE ports • 24 x 10/100/1000 Mbps ports • 4 x SFP ports	• 48 x 10/100/1000 Mbps PoE ports • 4 x SFP ports
Port Standards & Functions	• Ports 1 to 24 compliant with 802.3at	• Ports 1 to 8 compliant with 802.3at • Ports 9 to 24 compliant with 802.3af	• Ports 1 to 8 compliant with 802.3at • Ports 9 to 48 compliant with 802.3af
Other Port Standards & Functions	<ul style="list-style-type: none"> • IEEE 802.3 10BASE-T Ethernet (twisted-pair copper) • IEEE 802.3u 100BASE-TX Fast Ethernet (twisted-pair copper) • IEEE 802.3ab 1000BASE-T Gigabit Ethernet (twisted-pair copper) <ul style="list-style-type: none"> • IEEE 802.3az compliance • Auto-negotiation • IEEE 802.3x Flow Control • IEEE 802.3z 		
Network Cables	• UTP Cat. 5, Cat. 5e (100 m max.)		
Duplex Mode	<ul style="list-style-type: none"> • Full/Half-duplex for 10/100 Mbps • Full-duplex for 1000 Mbps 		
Media Interface Exchange	• Auto MDI/MDIX adjustment for all twisted-pair ports		
Performance			
Switching Capacity	• 56 Gbps	• 104 Gbps	
Transmission Method	• Store-and-forward		
MAC Address Table	• 16,000 entries per device		
MAC Address Update	• Up to 256 static MAC entries		
Maximum 64 bytes packet forwarding rate	• 41.7 Mpps	• 77.4 Mpps	
Packet Buffer Memory	• 1.5 MB	• 3.0 MB	
CPU Memory	• 256 MB DDR3	• 128 MB DDR3	
Flash Memory	• 32 MB	• 16 MB	
Physical/Environmental			
AC Input	• 100 to 240 VAC 50/60 Hz internal universal power supply		
Maximum Power Consumption	• 454.4 W (PoE on) • 33.1 W (PoE off)	• 270.2 W (PoE on) • 46.5 W (PoE off)	• 483.1 W (PoE on) • 48.9 W (PoE off)
Maximum PoE Budget	• 370 W	• 193 W	• 370 W
Standby Power Consumption	• 100 V: 23.4 W • 240 V: 21.8 W	• 100 V: 29.6 W • 240 V: 28.2 W	• 100 V: 29.5 W • 240 V: 27.5 W
Acoustics	• Low speed: 47.94 dBA • High speed: 52.41 dBA	• Low speed: 37.8 dBA • High speed: 47.3 dBA	• Low speed: 40.4 dBA • High speed: 50.1 dBA
Heat Dissipation	• 1,552.32 Btu/hr	• 912.96 Btu/hr	• 1,648.23 Btu/hr
Operating Temperature	• -5 to 50 °C (23 to 122 °F)		
Storage Temperature	• -20 to 70 °C (-4 to 158 °F)		
Operating Humidity	• 0% to 95% non-condensing		
Storage Humidity	• 0% to 95% non-condensing		
Dimensions (L x W x H)	• 440 x 250 x 44 mm (17.32 x 9.84 x 1.73 in)	• 440 x 430 x 44 mm (17.32 x 16.9 x 1.73 in)	
Weight	• 3.86 kg (8.51 lbs)	• 5.66 kg (12.47 lbs)	• 5.78 kg (12.74 lbs)
Diagnostic LEDs	<ul style="list-style-type: none"> • Link/Activity/Speed (per 10/100/1000 Mbps port) • Power Fail/Power Ok (per PoE port) 		
Certifications	• CE Class A, VCCI Class A, FCC Class A, BSMI, C-Tick, cUL, CE (LVD), CCC		
MTBF	• 271,281 hours	• 5.66 kg (12.47 lbs)	• 318,616 hours

Software		
L2 Features	<ul style="list-style-type: none"> • MAC Address Table <ul style="list-style-type: none"> • 8K entries (DGS-1210-10MP/26) • 16K entries (DGS-1210-10/10P/20/28/28P/28MP/52/52P/52MP) • IGMP Snooping <ul style="list-style-type: none"> • IGMP v1/v2 Snooping • Supports 256 IGMP groups • Supports at least 64 static multicast addresses • IGMP per VLAN • Supports IGMP Snooping Querier • Loopback Detection • 802.3ad Link Aggregation: <ul style="list-style-type: none"> • DGS-1210-28/28P: Maximum of 14 groups/8 ports per group • DGS-1210-52/52MP/52P: Maximum of 26 groups/8 ports per group • DGS-1210-10/10P: Maximum of 5 groups/8 ports per group • DGS-1210-10MP/26: Maximum of 8 groups/8 ports per group • LLDP • LLDP-MED 	<ul style="list-style-type: none"> • Jumbo Frame <ul style="list-style-type: none"> • Up to 9,216 bytes • Spanning Tree Protocol <ul style="list-style-type: none"> • 802.1D STP • 802.1W RSTP • 802.1s MSTP (for DGS-1210-28MP only) • Flow Control <ul style="list-style-type: none"> • 802.3x Flow Control • HOL Blocking Prevention • Port Mirroring <ul style="list-style-type: none"> • One-to-One • Many-to-One • Supports Mirroring for Tx/Rx/Both • Multicast Filtering <ul style="list-style-type: none"> • Forwards all unregistered groups • Filters all unregistered groups • Configurable MDI/MDIX <ul style="list-style-type: none"> • MLD snooping v1/v2 (256 groups)
VLAN	<ul style="list-style-type: none"> • 802.1Q • VLAN Group <ul style="list-style-type: none"> • Max. 256 static VLAN groups • Configurable VID from 1 - 4094 • Asymmetric VLAN 	<ul style="list-style-type: none"> • Auto Voice VLAN <ul style="list-style-type: none"> • Max. 10 user-defined OUI • Max. 8 default OUI • Auto Surveillance VLAN
Quality of Service (QoS)	<ul style="list-style-type: none"> • 802.1p Quality of Service • 8 queues per port • Queue Handling <ul style="list-style-type: none"> • Strict • Weighted Round Robin (WRR) • Bandwidth Control <ul style="list-style-type: none"> • Port-based (Ingress/Egress, min granularity 10/100/1000 is 16 Kbps) (DGS-1210-10MP/26) • Port-based (Ingress/Egress, min granularity 10/100/1000 is 64 Kbps) (DGS-1210-10/10P/20/28/28P/28MP/52/52P/52MP) 	<ul style="list-style-type: none"> • QoS based on: <ul style="list-style-type: none"> • 802.1p Priority Queues • DSCP • MAC address¹ • EtherType¹ • IP address¹ • Protocol type¹ • ToS • IP preference¹ • IPv6 Traffic Class • TCP/UDP port
L3 Features	<ul style="list-style-type: none"> • IP Interface <ul style="list-style-type: none"> • Supports 1 interface (DGS-1210-10/10P/20/28/28P/28MP/52/52P/52MP) • Support 4 interfaces (DGS-1210-10MP/26) • IPv6 Neighbor Discovery (ND) 	<ul style="list-style-type: none"> • Static Routing (for DGS-1210-28MP only) <ul style="list-style-type: none"> • 64/32 IPv4/6 Static Route Entries (for DGS-1210-28MP only) • 124/50 IPv4/6 Static Route Entries (for DGS-1210-10MP/26 only)
Access Control List (ACL)	<ul style="list-style-type: none"> • Max. 50 access list • Max. 768 rules shared by IPv4, MAC and IPv6 • Each rule can only be associated with a single port • ACL based on <ul style="list-style-type: none"> • MAC address <ul style="list-style-type: none"> • 802.1p priority mask • VID mask • Source/destination MAC address mask • EtherType mask 	<ul style="list-style-type: none"> • IP address <ul style="list-style-type: none"> • Source/destination IP address mask • DSCP mask • Protocol type mask • TCP/UDP port number mask • IPv6 address <ul style="list-style-type: none"> • Source/destination IP address mask • DSCP mask • Protocol type mask • TCP/UDP port number mask • IPv6 traffic class mask
Security	<ul style="list-style-type: none"> • Broadcast/Multicast/Unicast Storm Control • D-Link Safeguard Engine • DHCP Server Screening • IP-MAC-Port Binding (Smart Binding) <ul style="list-style-type: none"> • Supports 512 address binding entries • ARP Inspection <ul style="list-style-type: none"> • ARP + IP Inspection • Supports DHCP Snooping • 802.1X Port-based Access Control • DoS attack prevention¹ 	<ul style="list-style-type: none"> • ARP Spoofing Prevention <ul style="list-style-type: none"> • Max. 64 entries • Traffic Segmentation • SSH v2 • SSL <ul style="list-style-type: none"> • Supports v1/v2/v3 • TLS v1.0¹ • Port Security <ul style="list-style-type: none"> • Supports up to 64 MAC addresses per port • Duplicate address detection

DGS-1210 Series Gigabit Smart Managed Switches

AAA	<ul style="list-style-type: none"> • 802.1X Authentication <ul style="list-style-type: none"> • Supports local/RADIUS database • Supports port-based access control • Supports EAP, OTP, TLS, TTLS, PEAP 	<ul style="list-style-type: none"> • IPv6 RADIUS Server • Support MD5 authentication 		
MIB/RFC Standards (DGS-1210-10/10P/20/28/28P/28MP/52/52P/52MP)	<ul style="list-style-type: none"> • RFC 783 TFTP • RFC 951 BootP/DHCP Client • RFC 1157 SNMP v1, v2, v3 • RFC 1213 MIB II • RFC 1215 MIB Traps Convention • RFC 1350 TFTP • RFC 1493 Bridge MIB • RFC 1769 SNTP • RFC 1542 BootP/DHCP Client 	<ul style="list-style-type: none"> • RFC 1901 SNMP v1, v2, v3 • RFC 1907 SNMP v2 MIB • RFC 1908 SNMP v1, v2, v3 • RFC 2131 BootP/DHCP Client • RFC 2138 RADIUS Authentication • RFC 2139 RADIUS Authentication • RFC 2233 Interface Group MIB 	<ul style="list-style-type: none"> • RFC 2246 SSL • RFC 2475 • RFC 2570 SNMP v1, v2, v3 • RFC 2575 SNMP v1, v2, v3 • RFC 2598 CoS • RFC 2618 RADIUS Authentication • RFC 2819 RMON v1 • RFC 2865 RADIUS Authentication 	<ul style="list-style-type: none"> • RFC 3164 System Log • RFC 3195 System Log • RFC 3411-17 SNMP • D-Link Private MIB • LLDP MIB • Zone Defense MIB • 2233 Interface Group MIB
MIB/RFC Standards (DGS-1210-10MP/26))	<ul style="list-style-type: none"> • RFC1212 Concise MIB Definitions • RFC1213 MIBII • RFC1215 MIB Traps Convention • RFC1493 Bridge MIB • RFC1157, RFC2573, RFC2575, RFC2576 SNMP MIB • RFC1442, RFC1901, RFC1902, RFC1903, RFC1904, RFC1905, RFC1906, RFC1907, RFC1908, RFC2578, RFC3418 SNMPv2 MIB • RFC271, RFC1757, RFC2819 RMON MIB 	<ul style="list-style-type: none"> • RFC2021 RMONv2 MIB • RFC1398, RFC1643, RFC1650, RFC2358, RFC2665 Ether-like MIB • RFC2674 802.1p MIB • Interface Group MIB • RFC2618 RADIUS Authentication Client MIB • RFC4022 MIB for TCP • RFC4113 MIB for UDP • RFC2389 MIB for Diffserv. • RFC2620 RADIUS Accounting Client MIB • Private MIB 	<ul style="list-style-type: none"> • PoE MIB • DDP MIB • LLDP-MED MIB • RFC791 IP • RFC768 UDP • RFC793 TCP • RFC792 ICMPv4 • RFC2463, RFC4443 ICMPv6 • RFC826 ARP • RFC1321, RFC2284, RFC2865, RFC2716, RFC3580 Extensible Authentication Protocol (EAP) 	<ul style="list-style-type: none"> • RFC2461, RFC4861 Neighbor Discovery for IPv6 • RFC2462, RFC4862 IPv6 Stateless Address Auto-configuration (SLAAC) • RFC2464 IPv6 over Ethernet and definition • RFC4291 IPv6 Addressing Architecture • RFC2893, RFC4213 IPv4/IPv6 dual stack function
OAM	<ul style="list-style-type: none"> • Cable Diagnostics 	<ul style="list-style-type: none"> • Factory Reset 		
Management	<ul style="list-style-type: none"> • Web-based GUI • D-Link Network Assistant Utility • Compact CLI • Telnet Server • TFTP Client • Configurable MDI/MDIX • SNMP <ul style="list-style-type: none"> • Supports v1/v2c/v3 • SNMP Trap • Backup/Upgrade firmware • Smart Wizard • Upload/download configuration file 	<ul style="list-style-type: none"> • System Log <ul style="list-style-type: none"> • Max. 500 log entries • BootP/DHCP Client • SNTP • ICMP v6 • IPv4/v6 Dual Stack • DHCP Auto Configuration • Time Setting <ul style="list-style-type: none"> • SNTP • RMONv1 • Trusted Host • Dual Image (for DGS-1210-10MP/26/28MP only) 		
Green V3.0 Technology	<ul style="list-style-type: none"> • Power Saving by: <ul style="list-style-type: none"> • Link Status • Time-based PoE: PoE ports can be turned on/off by port or system through schedule 	<ul style="list-style-type: none"> • LED Shutoff • System Hibernation • Port Shutoff 		
Optional SFP Transceivers				
DEM-310GT	1000BASE-LX, single-mode, 10 km			
DEM-311GT	1000BASE-SX, multi-mode, 550 m			
DEM-312GT2	1000BASE-SX, multi-mode, 2 km			

¹ DGS-1210-10MP and DGS-1210-26 only



For more information: www.dlink.com

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