

Highlights

Easy Management

A multilingual Web UI, a compact CLI, and a variety of management features allow the switches to integrate with your existing network

IPv6 Ready

IPv6 compliance means that the switches are ready to meet future addressing standards, and are compatible with both your IPv4 and IPv6 network

Power over Ethernet

Increased PoE capability and support for IEEE 802.3af/at allow the PoE models in the series to power more devices with greater port density



DGS-1210 Series

1G Smart Managed Switches

Features

Green Technology

- Link status detection
- Port shut-off
- System hibernation
- Time-based PoE (PoE models only)

Advanced Features

- Static routing
- Auto IGMP
- Surveillance Mode
- Auto Voice VLAN
- Dual software images
- Dual configuration files

Intuitive Management

- D-Link multi-lingual Web UI
- Built-in SNMP MIB for remote NMS (D-View 8)
- Compact Command Line Interface (CLI) through Telnet
- Supports Nuclias Unity, Nuclias hardware controller, and Nuclias software controller for centralized management, monitoring, and maintenance

Security Features

- Access Control Lists (ACLs)
- D-Link Safeguard Engine helps the CPU resist broadcast/multicast/unicast flooding
- Port Security supports up to 64 MAC addresses per port
- ARP Spoofing Prevention
- Smart Binding

Overview

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.

Copper



DGS-1210-10

- 8 x 10/100/1000BASE-T
- 2 x 100/1000 Mbps SFP



DGS-1210-20

- 16 x 10/100/1000BASE-T
- 4 x 100/1000 Mbps GbE/SFP combo



DGS-1210-28

- 24 x 10/100/1000BASE-T
- 4 x 100/1000 Mbps GbE/SFP combo



DGS-1210-52

- 48 x 10/100/1000BASE-T
- 4 x 100/1000 Mbps GbE/SFP combo

PoE



DGS-1210-10P

- 8 x 10/100/1000BASE-T PoE, with 65W power budget
- 2 x 100/1000 Mbps SFP



DGS-1210-10MP

- 8 x 10/100/1000BASE-T PoE, with 130W power budget
- 2 x 100/1000 Mbps SFP



DGS-1210-28P

- 24 x 10/100/1000BASE-T PoE, with 193W power budget
- 4 x 100/1000 Mbps GbE/SFP combo

DGS-1210 Series 1G Smart Managed Switches



DGS-1210-28MP

- 24 x 10/100/1000BASE-T PoE, with 370W power budget
- 4 x 100/1000 Mbps GbE/SFP combo



DGS-1210-52MP

- 48 x 10/100/1000BASE-T PoE, with 370W power budget
- 4 x 100/1000 Mbps GbE/SFP combo

Seamless Integration

The DGS-1210 Series includes a wide range of port and media types, including 10/100/1000BASE-T RJ-45 ports, 100/1000 Mbps combo ports, and 100/1000 Mbps SFP ports. The DGS-1210-10, DGS-1210-10P, and DGS-1210-10MP models feature 2 100/1000 Mbps SFP ports, while all other DGS-1210 Series models feature 4 GbE/SFP combo ports, allowing you to choose the most suitable media type for your requirements. All DGS-1210 Series PoE switches include support for IEEE 802.3af/at and higher power budgets, allowing more PoE devices to be powered by the switch and for devices to be installed in remote locations without immediate access to power outlets.

Automatic Configuration

The DGS-1210 Series supports Auto Voice VLAN and Surveillance Mode, which allows voice and video traffic to be automatically identified and handled differently than regular network traffic. Auto Voice VLAN detects Voice over IP (VoIP) traffic and automatically segments it from the rest of the network, adding a layer of isolation and allowing Quality of Service (QoS) to be applied. Surveillance Mode 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.

Versatile Management

The DGS-1210 Series supports various management tools to adapt to users' different needs. Nuclias hardware controller, and Nuclias software controller can discover multiple D-Link devices and allow you to manage and configure the settings of the discovered devices. The DGS-1210 Series also supports Nuclias Unity, D-View 8 and Command Line Interface (CLI) through Telnet. Both D-View 8 and the cloud-based Nuclias Unity platform enable centralized management of network assets, remote configuration, and comprehensive logging functions.

Advanced Features

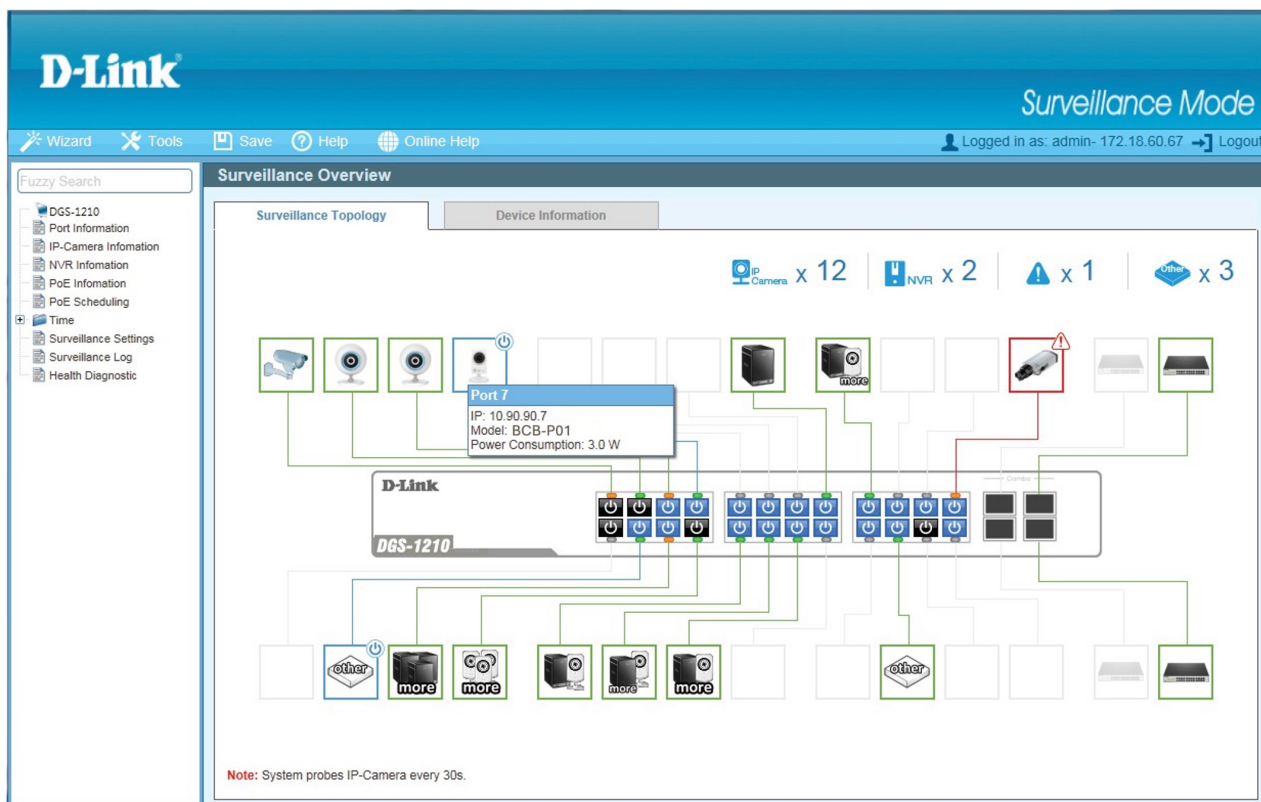
The DGS-1210 Series comes equipped with a complete lineup of L2 features, including IGMP snooping, port mirroring, Spanning Tree Protocol (STP), and Link Aggregation Control Protocol (LACP). The IEEE 802.3x Flow Control function allows servers to directly connect to the switch for fast, reliable data transfers. The DGS-1210 Series also supports 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 significantly speeds up troubleshooting by automatically detecting and shutting down switching loops. The cable diagnostics feature, designed primarily for administrators and customer service representatives, determines the cable quality and quickly discovers errors, allowing for hassle-free diagnostics and maintenance.

Advanced Access Control

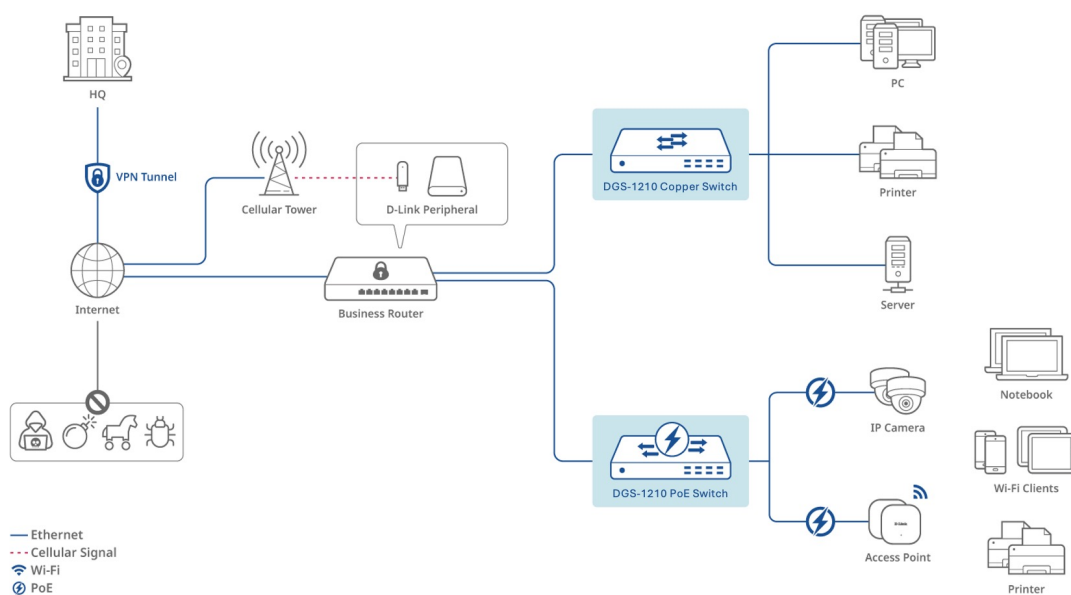
D-Link's innovative Safeguard Engine helps to protect the switches against traffic flooding caused by malicious attacks. The DGS-1210 Series supports 802.1X port-based authentication, allowing the clients to be authenticated through external RADIUS servers. The Access Control List (ACL) feature helps to enhance network security and helps to protect the internal IT network. The DGS-1210 Series also features Address Resolution Protocol (ARP) spoofing prevention, which helps to provide protection from attacks on the network that could allow an intruder to sniff data frames, modify traffic, or bring traffic to a halt altogether by sending fake ARP messages. To help prevent ARP spoofing attacks, the switch uses packet control ACLs to block invalid packets that contain fake ARP messages. The DHCP server screening feature filters DHCP replies on unauthorized ports to prevent them from being assigned an IP address.

DGS-1210 Series 1G Smart Managed Switches

Surveillance Topology Web Interface



Connection Diagram



DGS-1210 Series 1G Smart Managed Switches

Specifications

Model	DGS-1210-10	DGS-1210-20	DGS-1210-28
Hardware Version	Fx	Fx	Fx
General			
Interface	• 8 x 10/100/1000 GBASE-T ports • 2 x 100/1000Mbps SFP ports	• 16 x 10/100/1000 GBASE-T ports • 4 x 100/1000 Mbps GbE/SFP combo ports	• 24 x 10/100/1000 BASE-T ports • 4 x 100/1000 Mbps GbE/SFP combo ports
Port Standards	• IEEE 802.3 10BASE-T Ethernet	• IEEE 802.3 10BASE-T	• IEEE 802.3 10BASE-T Ethernet
	• IEEE 802.3u 100BASE-TX Fast Ethernet	• IEEE 802.3u 100BASE-TX Fast Ethernet	• IEEE 802.3u 100BASE-TX Fast Ethernet
	• IEEE 802.3u 100BASE-FX	• IEEE 802.3u 100BASE-FX	• IEEE 802.3u 100BASE-FX
	• IEEE 802.3ab 1000BASE-T Gigabit Ethernet	• IEEE 802.3ab 1000BASE-T Gigabit Ethernet	• IEEE 802.3ab 1000BASE-T Gigabit Ethernet
	• IEEE 802.3z 1000BASE-X	• IEEE 802.3z 1000BASE-X	• IEEE 802.3z 1000BASE-X
	• IEEE 802.3az Enerby-Efficient Ethernet (EEE)	• IEEE 802.3az Enerby-Efficient Ethernet (EEE)	• IEEE 802.3az Enerby-Efficient Ethernet (EEE)
	• IEEE802.3x Flow Control	• IEEE802.3x Flow Control	• IEEE802.3x Flow Control
Network Cables	• UTP Cat. 5 above cables for 100 Mbps BASE-T (max 100m)	• UTP Cat. 5 above cables for 100 Mbps BASE-T (max 100m)	• UTP Cat. 5 above cables for 100 Mbps BASE-T (max 100m)
	• UTP Cat. 5e above cables for 100/1G/2.5G/5GBASE-T (max 100m)	• UTP Cat. 5e above cables for 100/1G/2.5G/5GBASE-T (max 100m)	• UTP Cat. 5e above cables for 100/1G/2.5G/5GBASE-T (max 100m)
Media Interface Exchange	Auto MDI/MDIX	Auto MDI/MDIX	Auto MDI/MDIX
Performance			
Switching Capacity	20 Gbps	40 Gbps	56 Gbps
Transmission Method	Store-and-forward	Store-and-forward	Store-and-forward
MAC Address Table	8 K	8 K	8 K
Static MAC Addresses	256 entries	256 entries	256 entries
Packet Forwarding Rate	14.88 Mpps	29.8 Mpps	41.7 Mpps
Packet Buffer Memory	4.1 Mbits	4.1 Mbits	4.1 Mbits
Flash Memory	32 MB	32 MB	32 MB
DRAM Size	128 MB	128 MB	128 MB
PoE			
PoE Standard	-	-	-
PoE Capable Port	-	-	-
PoE Power Budget	-	-	-
Physical			
Power Input	100 to 240V AC 50/60 Hz	100 to 240V AC 50/60 Hz	100 to 240V AC 50/60 Hz
Surge Protection	1kV surge protection on all Ethernet access ports	1kV surge protection on all Ethernet access ports	1kV surge protection on all Ethernet access ports
Fan	Fanless	Fanless	Fanless
Operating Temperature	-5 to 50°C (23 to 122°F)	-5 to 50°C (23 to 122°F)	-5 to 50°C (23 to 122°F)
Storage Temperature	-20 to 70°C (-4 to 158°C)	-20 to 70°C (-4 to 158°C)	-20 to 70°C (-4 to 158°C)
Operating Humidity	0% to 95% relative humidity	0% to 95% relative humidity	0% to 95% relative humidity
Operating Humidity	0% to 95% relative humidity	0% to 95% relative humidity	0% to 95% relative humidity
Max Power Consumption	• 6.31 W/100 V • 6.33 W/240 V	• 13.08 W/100 V • 13.02 W/240 V	• 17.32 W/100 V • 16.94 W/240 V
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 (17.32 x 5.51 x 1.73 in)
Weight	0.98 kg (2.16 lbs)	1.75 kg (3.86 lbs)	2.15 kg (4.74 lbs)
Certifications			
Safety	CB, UL, BSMI, CQC (only for specific models)	CB, UL, BSMI, CQC (only for specific models)	CB, UL, BSMI, CQC (only for specific models)
EMI	CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)	CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)	CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)

DGS-1210 Series 1G Smart Managed Switches

Specifications

Model		DGS-1210-52
Hardware Version		Fx
General		
Interface		• 48 x 10/100/1000 BASE-T ports • 4 x 100/1000 Mbps GbE/SFP combo ports
Port Standards		• IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3u 100BASE-FX • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3z 1000BASE-X • IEEE 802.3az Energy-Efficient Ethernet (EEE) • IEEE802.3x Flow Control
Network Cables		• UTP Cat. 5 above cables for 100 Mbps BASE-T (max 100m) • UTP Cat. 5e above cables for 100/1G/2.5G/5GBASE-T (max 100m)
Media Interface Exchange		Auto MDI/MDIX
Performance		
Switching Capacity		104 Gbps
Transmission Method		Store-and-forward
MAC Address Table		16 K
Static MAC Addresses		256 entries
Packet Forwarding Rate		77.4 Mpps
Packet Buffer Memory		12 Mbits
Flash Memory		32 MB
DRAM Size		128 MB
PoE		
PoE Standard		-
PoE Capable Port		-
PoE Power Budget		-
Physical		
Power Input		100 to 240V AC 50/60 Hz
Surge Protection		1kV surge protection on all Ethernet access ports
Fan		Fanless
Operating Temperature		-5 to 50°C (23 to 122°F)
Storage Temperature		-20 to 70°C (-4 to 158°C)
Operating Humidity		0% to 95% relative humidity
Operating Humidity		0% to 95% relative humidity
Max Power Consumption		• 34.85 W/100 V • 34.2 W/240 V
Dimensions (L x W x H)		440 x 210 x 44 mm (17.32 x 8.27 x 1.73 in)
Weight		3.46 kg (7.63 lbs)
Certifications		
Safety		CB, UL, BSMI, CQC (only for specific models)
EMI		CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)

DGS-1210 Series 1G Smart Managed Switches

Specifications

Model	DGS-1210-10P	DGS-1210-10MP	DGS-1210-28P
Hardware Version	Fx	Fx	Fx
General			
Interface	• 8 x 10/100/1000BASE-T PoE ports • 2 x 100/1000 Mbps SFP ports	• 8 x 100/1000BASE-T PoE ports • 2 x 100/1000 Mbps SFP ports	• 24 x 10/100/1000GBASE-T PoE ports • 4 x 100/1000 Mbps GbE/SFP combo ports
Port Standards	• IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3u 100BASE-FX • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3z 1000BASE-X • IEEE 802.3az Energy-Efficient Ethernet (EEE) • IEEE802.3x Flow Control • IEEE 802.3af/at PoE	• IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3u 100BASE-FX • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3z 1000BASE-X • IEEE 802.3az Energy-Efficient Ethernet (EEE) • IEEE802.3x Flow Control • IEEE 802.3af/at PoE	• IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3u 100BASE-FX • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3z 1000BASE-X • IEEE 802.3az Energy-Efficient Ethernet (EEE) • IEEE802.3x Flow Control • IEEE 802.3af/at PoE
Network Cables	UTP Cat. 5, Cat. 5e (100 m max.)	UTP Cat. 5, Cat. 5e (100 m max.)	UTP Cat. 5, Cat. 5e (100 m max.)
Media Interface Exchange	Auto MDI/MDIX	Auto MDI/MDIX	Auto MDI/MDIX
Performance			
Switching Capacity	20 Gbps	20 Gbps	56 Gbps
Transmission Method	Store-and-forward	Store-and-forward	Store-and-forward
MAC Address Table	8 K	8 K	8 K
Static MAC Addresses	256 entries	256 entries	256 entries
Packet Forwarding Rate	14.88 Mpps	14.88 Mpps	41.7 Mpps
Packet Buffer Memory	4.1 Mbits	4.1 Mbits	4.1 Mbits
Flash Memory	32 MB	32 MB	32 MB
DRAM Size	128 MB	128 MB	128 MB
PoE			
PoE Standard	IEEE 802.3af/at(30W)	IEEE 802.3af/at(30W)	IEEE 802.3af/at(30W)
PoE Capable Port	8	8	24
PoE Power Budget	65 W	130 W	193 W
Physical			
Power Input	54.0 V DC external power adapter	100 to 240V AC 50/60 Hz	100 to 240V AC 50/60 Hz
Surge Protection	1kV surge protection on all Ethernet access ports	1kV surge protection on all Ethernet access ports	1kV surge protection on all Ethernet access ports
Fan	Fanless	Fanless	2 fans
Operating Temperature	-5 to 50°C (23 to 122°F)	-5 to 50°C (23 to 122°F)	-5 to 50°C (23 to 122°F)
Storage Temperature	-20 to 70°C (-4 to 158°C)	-20 to 70°C (-4 to 158°C)	-20 to 70°C (-4 to 158°C)
Operating Humidity	0% to 95% relative humidity	0% to 95% relative humidity	0% to 95% relative humidity
Operating Humidity	0% to 95% relative humidity	0% to 95% relative humidity	0% to 95% relative humidity
Max Power Consumption	PoE on: • 81.9 W/100 V • 80.6 W/240 V PoE off: • 7.6 W/100 V • 7.5 W/240 V	PoE on: • 152.3 W/100 V • 148.7 W/240 V PoE off: • 8.5 W/100 V • 9.4 W/240 V	PoE on: • 263.9 W/100 V • 247.4 W/240 V PoE off: • 30.6 W/100 V • 28.1 W/240 V
Dimensions (L x W x H)	280 x 126 x 44 mm (11.02 x 4.96 x 1.73 in)	330 x 180 x 44 mm (12.99 x 7.09 x 1.73 in)	440 x 250 x 44 mm (17.32 x 9.84 x 1.73 in)
Weight	0.95 kg (2.10 lbs)	1.77 kg (3.90 lbs)	3.75 kg (8.27 lbs)
Certifications			
Safety	CB, UL, BSMI, CQC (only for specific models)	CB, UL, BSMI, CQC (only for specific models)	CB, UL, BSMI, CQC (only for specific models)
EMI	CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)	CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)	CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)

DGS-1210 Series 1G Smart Managed Switches

Specifications

Model	DGS-1210-28MP	DGS-1210-52MP
Hardware Version	Fx	Fx
General		
Interface	• 24 x 10/100/1000GBASE-T PoE ports • 4 x 100/1000 Mbps GbE/SFP combo ports	• 48 x 10/100/1000BASE-T PoE ports • 4 x 100/1000 Mbps GbE/SFP combo ports
Port Standards	• IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3u 100BASE-FX • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3z 1000BASE-X • IEEE 802.3az Energy-Efficient Ethernet (EEE) • IEEE802.3x Flow Control • IEEE 802.3af/at PoE	• IEEE 802.3 10BASE-T Ethernet • IEEE 802.3u 100BASE-TX Fast Ethernet • IEEE 802.3u 100BASE-FX • IEEE 802.3ab 1000BASE-T Gigabit Ethernet • IEEE 802.3z 1000BASE-X • IEEE 802.3az Energy-Efficient Ethernet (EEE) • IEEE802.3x Flow Control • IEEE 802.3af/at PoE
Network Cables	UTP Cat. 5, Cat. 5e (100 m max.)	• UTP Cat. 5, Cat. 5e (100 m max.)
Media Interface Exchange	Auto MDI/MDIX	Auto MDI/MDIX
Performance		
Switching Capacity	56 Gbps	104 Gbps
Transmission Method	Store-and-forward	Store-and-forward
MAC Address Table	8 K	16 K
Static MAC Addresses	256 entries	256 entries
Packet Forwarding Rate	41.7 Mpps	77.4 Mpps
Packet Buffer Memory	4.1 Mbits	12 Mbits
Flash Memory	32 MB	32 MB
DRAM Size	128 MB	128 MB
PoE		
PoE Standard	IEEE 802.3af/at(30W)	IEEE 802.3af/at(30W)
PoE Capable Port	24	48
PoE Power Budget	370 W	370 W
Physical		
Power Input	100 to 240V AC 50/60 Hz	100 to 240V AC 50/60 Hz
Surge Protection	1kV surge protection on all Ethernet access ports	1kV surge protection on all Ethernet access ports
Fan	2 fans	3 fans
Operating Temperature	-5 to 50°C (23 to 122°F)	-5 to 50°C (23 to 122°F)
Storage Temperature	-20 to 70°C (-4 to 158°C)	-20 to 70°C (-4 to 158°C)
Operating Humidity	0% to 95% relative humidity	0% to 95% relative humidity
Operating Humidity	0% to 95% relative humidity	0% to 95% relative humidity
Max Power Consumption	PoE on: • 446.1 W/100 V • 424.8 W/240 V PoE off: • 29.8 W/100 V • 29.0 W/240 V	PoE on: • 478.9 W/100 V • 454.1 W/240 V PoE off: • 54 W/100 V • 54.4 W/240 V
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 16.93 x 1.73 in)
Weight	3.94 kg (8.69 lbs)	6.26 kg (13.80 lbs)
Certifications		
Safety	CB, UL, BSMI, CQC (only for specific models)	CB, UL, BSMI, CQC (only for specific models)
EMI	CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)	CE Class A, VCCI Class A, FCC Class A, BSMI, CQC (only for specific models)

DGS-1210 Series 1G Smart Managed Switches

Software

Feature		
L2 Features	• MAC Address Table - 8 K entries - 16K entries (DGS-1210-52/52MP only) • IGMP Snooping - IGMP v1/v2 Snooping - IGMP v3 awareness - Supports 256 IGMP groups - Supports at least 64 static multicast addresses - IGMP per VLAN - Auto IGMP - Supports IGMP Snooping Querier • Loopback Detection • 802.3ad Link Aggregation: - DGS-1210-10/10P/10MP: Supports maximum 4 groups per device and 8 ports per group - DGS-1210-20/26/28/28P/28MP: Supports maximum 8 groups per device and 8 ports per group - DGS-1210-52/52MP: Supports max 16 groups per device and 8 ports per group • LLDP	• LLDP-MED • Jumbo Frame - Up to 10,000 bytes • Spanning Tree Protocol - 802.1D STP - 802.1W RSTP - 802.1s MSTPHOL Blocking Prevention • Flow Control - 802.3x Flow Control - HOL Blocking Prevention • Port Mirroring - One-to-One - Many-to-One • Supports Mirroring for Tx/Rx/Both • Multicast Filtering - Forwards all unregistered groups - Filters all unregistered groups • Configurable MDI/MDIX - MLD snooping v1/v2 (256 groups)
VLAN	• 802.1Q • VLAN Group - Max. 256 static VLAN groups • Configurable VID from 1 - 4094 • Asymmetric VLAN	• Auto Voice VLAN - Max. 10 user-defined OUI - Max. 8 default OUI • Auto Surveillance VLAN
Quality of Service (QoS)	• 802.1p Quality of Service • 8 queues per port • Queue Handling - Strict - Weighted Round Robin (WRR) • Bandwidth Control - Port-based (ingress/egress, min granularity 10/100/1000 is 16 Kbps)	• QoS based on: - 802.1p priority queues - DSCP - MAC address - EtherType - IP address - Protocol type - ToS - IP preference - IPv6 Traffic Class - TCP/UDP port
L3 Feature	• IP interface - Supports 4 interfaces • IPv6 Neighbor Discovery (ND)	• Static routing - 124 IPv4 static route entries - 50 IPv6 static route entries
Access Control List (ACL)	• ACL based on • MAC address - 802.1p priority - VID mask - Source/destination MAC address mask - EtherType mask • IP address - Source/destination IP address mask - DSCP mask - Protocol type mask - TCP/UDP port number mask	• IPv6 address - Source/destination IP address mask - DSCP mask - Protocol type mask - TCP/UDP port number mask - IPv6 traffic class mask • Max. 50 access lists • Max. 768 entries shared by IPv4, MAC and IPv6 • Each rule can only be associated with a single port
Security Features	• Broadcast/Multicast/Unicast Storm Control • D-Link Safeguard Engine • Traffic segmentation • SSH v2 • TLS v1.3 • DoS attack prevention • 802.1X Port-based Access Control • Port Security - Up to 64 MAC addresses per port • ARP Spoofing Prevention - Max. 127 entries	• DHCP Server Screening • IP-MAC-Port Binding (Smart Binding) - ARP Inspection - Max. 64 entries - IPv4 Inspection - Max. 127 entries - IPv6 Inspection - Max. 63 entries - DHCP Snooping - Max. 512 entries
OAM	Cable diagnostics	

DGS-1210 Series 1G Smart Managed Switches

Software

Feature		
AAA	• 802.1X Authentication - Supports local/RADIUS database - Supports port-based access control - Supports EAP, OTP, TLS, TTLS, PEAP - Max. 128 entries when using local database	• IPv6 RADIUS server • Support MD5 authentication
Management	• Web-based GUI • D-Link Network Assistant Utility • Compact CLI • Telnet Server • TFTP Client • Configurable MDI/MDIX • SNMP - Supports v1/v2c/v3 • SNMP Trap • Backup/upgrade firmware • Smart Wizard • Upload/download configuration file • BootP/DHCP Client	• System Log - Max. 500 log entries • SNMP • ICMP v6 • IPv4/v6 Dual Stack • DHCP Auto Configuration • Time setting - SNTP • RMONv1 • Trusted host • Dual image • Dual configuration
Green V3.0 Technology	• Power Saving by: - Link Status - Time-based PoE: PoE ports can be turned on/off by port or system through schedule	• System hibernation • Port shut off • Cable length detection
MIBs	• RFC1212 Console 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 • 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 • RFC2620 RADIUS Accounting Client MIB • Private MIB • PoE MIB • DDP MIB • LLDP-MED MIB
RFC Standards	• RFC791 IP • RFC768 UDP • RFC793 TCP • RFC792 ICMPv4 • RFC2463, RFC4443 ICMPv6 • RFC826 ARP • RFC1321, RFC2284, RFC2865, RFC2716, RFC3580 Extensible Authentication Protocol (EAP)	• RFC2573 SNMP Applications • 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

Ordering Information

Model	Description
DGS-1210-10	8 Ports 1G + 2 Ports 1G SFP Standard Smart Switch
DGS-1210-10P	8 Ports 1G PoE + 2 Ports 1G SFP Standard Smart Switch, 65W
DGS-1210-10MP	8 Ports 1G PoE + 2 Ports 1G SFP Standard Smart Switch, 130W
DGS-1210-20	16 Ports 1G + 4 Ports 1G Combo Standard Smart Switch
DGS-1210-28	24 Ports 1G + 4 Ports 1G Combo Standard Smart Switch
DGS-1210-28P	24 Ports 1G PoE + 4 Ports 1G Combo Standard Smart Switch, 193W
DGS-1210-28MP	24 Ports 1G PoE + 4 Ports 1G Combo Standard Smart Switch, 370W
DGS-1210-52MP	48 Ports 1G PoE + 4 Ports 1G Combo Standard Smart Switch, 370W
DGS-1210-52	48 Ports 1G + 4 Ports 1G Combo Standard Smart Switch

DGS-1210 Series 1G Smart Managed Switches

Optional SFP Transceivers

Model	Speed	Connector	Fiber Type	Wavelength	Max. Distance
DGS-712	1G	RJ-45	Copper	–	100 m
DEM-310GT	1G	Duplex LC	Single-mode	1310 nm	10 km
DEM-311GT	1G	Duplex LC	Multi-mode	850 nm	550 m
DEM-314GT	1G	Duplex LC	Single-mode	1310 nm	50 km

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.