D-Link
Building Networks for People

Product Highlights

Gigabit Ethernet Speed

High-speed ports provide the latest Ethernet technology while retaining backward compatibility for connections to older computers and equipment

Revolutionary Energy Efficiency

Innovative D-Link Green features help conserve energy without sacrificing performance so you can reduce operating costs and protect the environment

Smart and Flexible Management

Powerful switch management functions can be performed through the web management interface or through the client-based utility

DGS-1100 Series
Smart Managed Switches

Features

Physical

- Available in multiple configurations, with or without PoE and fiber support
- Fanless design for silent operation (non-PoE models only)

Green Technology

- Link status detection
- IEEE 802.3az Energy-Efficient Ethernet compliant
- Time-based PoE (PoE models excluding DGS-1100-08P)

Advanced Features

- IGMP Snooping
- Bandwidth Control
- IEEE 802.1Q VLAN traffic segregation
- Port-based VLAN
- IEEE 802.1p Quality of Service
- Surveillance VLAN
- Voice VLAN

Management Features

- Client-based utility or web-based GUI
- Built-in SNMP MIB[1]

Surveillance Features (MP/MPP Models)

- Full PoE budget and high power ports
- 6 kV surge protection per port

The DGS-1100 Series is a range of switches designed to meet the requirements of small, medium, and enterprise businesses. Support for multiple PoE standards, high power budgets, and 6 kV surge protection (MP/MPP models) make the DGS-1100 Series ideal for IP surveillance deployments. Advanced management features, a range of diagnostic and troubleshooting tools, and energy efficient technologies provide a flexible solution to meet your networking requirements.

D-Link Green/Power Saving Performance

Compliant with IEEE 802.3az Energy Efficient Ethernet (EEE), the DGS-1100 Series consumes less energy by cutting down on power consumption when port utilization is low. By deploying compatible devices, users can cut operating costs and even cut down on additional cooling equipment, helping small and medium-sized businesses stay within their budgets. The DGS-1100 Series also features D-Link Green technology that helps save energy automatically. The switches monitor the link status of every port and significantly reduce power consumption of the interface when there is no link or network traffic detected.

Easy to Deploy

The DGS-1100 Series supports an intuitive client-based utility (D-Link Network Assistant) and a web-based management interface. The client-based D-Link Network Assistant (DNA) discovers all D-Link Smart Managed Switches within the same Layer 2 network segment, making the initial setup quick and easy. This allows extensive switch configuration and basic administration of discovered devices, including password changes and firmware upgrades. The web-based interface provides a user-friendly way for network administrators to manage the switch down to the port level. The interface can be accessed from a web browser, allowing the switches to be controlled from any PC that is connected to the network.

Surveillance VLAN and Bandwidth Control

The DGS-1100 Series supports Surveillance VLAN for IP surveillance deployments. This gives video traffic a dedicated VLAN and higher priority through the switch, separating surveillance traffic from the rest of the network. This ensures security and guarantees the quality of the video traffic, sparing businesses the added cost of dedicated surveillance hardware. Bandwidth Control can reserve bandwidth on a per-port basis for important functions that require larger bandwidth or have higher priority.

Advanced Features

The DGS-1100 Series is equipped with advanced security features such as Static MAC, Storm Control, and IGMP Snooping. Static MAC allows users to create a MAC whitelist for specific ports, helping administrators limit network access to authorized devices only. Storm Control monitors broadcast, multicast, or unknown unicast traffic and will start blocking or discarding packets which could flood the network when the defined threshold is exceeded. IGMP Snooping is able to reduce the load of L3 multicast routers and save bandwidth in network throughput.

Easy Troubleshooting

The DGS-1100 Series features Loopback Detection and Cable Diagnostics to help network administrators find and solve network problems quickly and easily. Loopback Detection is used to detect loops created by a specific port and automatically shuts down the affected port. Cable Diagnostics helps network administrators quickly examine the quality of the copper cables, recognize the cable type, and detect cable errors.

PoE Support

The DGS-1100 Series P, MP, and MPP models provide support for Power over Ethernet (PoE), reducing deployment time for IP cameras, VoIP phones, and access points. Dedicated power adapters are no longer required, as the DGS-1100-08P/26P/10MP/26MP comply with IEEE 802.3af and 802.3at PoE standards and provide up to 30 watts per port. Additionally, the DGS-1100-10MPP/26MPP are compliant with 802.3af, 802.3at, 802.3bt draft, and UPoE[2] and can supply up to 75 watts on a selected number of ports. Meanwhile, the DGS-1100-05PD/08PD can be powered by a PoE switch or injector, allowing for more flexible installation in remote areas with no available power outlets.

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DGS-1100 Series Smart Managed Switches

Technical Specifications

General	DGS-1100-05	DGS-1100-05PD	DGS-1100-08	DGS-1100-08P	DGS-1100-08PD
Hardware Version	• B1				
Size	• Desktop				
Number of Ports	• 5 10/100/1000 Mbps	• 2 10/100/1000 Mbps (PoE) • 3 10/100/1000 Mbps	• 8 10/100/1000 Mbps	• 8 10/100/1000 Mbps (PoE)	• 8 10/100/1000 Mbps
Port Functions	• IEEE 802.3 for Ethernet • IEEE 802.3u for Fast Ethernet • IEEE 802.3ab for Gigabit Ethernet • IEEE 802.3af (for DGS-1100-05PD) • IEEE 802.3at (for DGS-1100-08P) • Auto-negotiation		• Supports half/full-duplex operation (half at 10/100 Mbps, full at 1000 Mbps) • Auto MDI/MDIX • IEEE 802.3x Flow Control supports full-duplex mode • IEEE 802.3az compliant		
Performance					
Switching Capacity	• 10 Gbps	• 10 Gbps	• 16 Gbps	• 16 Gbps	• 16 Gbps
Maximum Forwarding Rate	• 7.44 Mpps	• 7.44 Mpps	• 11.9 Mpps	• 11.9 Mpps	• 11.9 Mpps
MAC Address Table Size	• 2K entries	• 2K entries	• 4K entries	• 4K entries	• 8K entries
Packet Buffer	• 1 Mbits	• 1 Mbits	• 1.5 Mbits	• 1.5 Mbits	• 4.1 Mbits
Flash Memory	• 2 Mbytes				• 32 Mbytes
PoE					
PoE Standard	-	• IEEE 802.3af	-	• IEEE 802.3at	-
PoE Capable Ports	-	• Ports 1 to 2	-	• Ports 1 to 8	-

PoE Power Budget	-	• PoE Passthrough:
		  • 18 W with 802.3at input
		  • 8 W with 802.3af input
			-	• 64 W	-

Power Consumption					
Standby Mode	• 1.39 W	• 1.46 W	• 1.93 W	• 2.0 W	• 1.97 W
Maximum Power Consumption	• 3.42 W	• 23.92 W (PoE on) • 2.32 W (PoE off)	• 4.94 W	• 77.9 W (PoE on) • 4.6 W (PoE off)	• 4.72 W
Physical					
Power Input	• 100 to 240 V AC, 50 to 60 Hz external power adapter	• 802.3af/at PoE power only via PD port 5 • No power supply	• 100 to 240 V AC, 50 to 60 Hz external power adapter	• 100 to 240 V AC, 50 to 60 Hz external power adapter	• 100 to 240 V AC, 50 to 60 Hz external power adapter • 802.3af PoE power via PD port 1
MTBF	• 1,562,055 hours	• 2,346,941 hours	• 1,456,992 hours	• 786,841 hours	• 648,153 hours
Acoustics	• 0 dB(A)				
Heat Dissipation	• 11.67 BTU/hr	• N/A	• 16.85 BTU/hr	• 265.85 BTU/hr	• 52 BTU/hr
Weight	• 0.23 kg (0.51 lbs)	• 0.38 kg (0.84 lbs)	• 0.34 kg (0.75 lbs)	• 0.43 kg (0.95 lbs)	• 0.45 kg (0.99 lbs)
Dimensions	• 100.5 x 82 x 28 mm (3.6 x 3.3 x 1.1 inches)	• 150 x 97 x 28 mm (5.9 x 3.8 x 1.1 inches)	• 145 x 82 x 28 mm (5.7 x 3.3 x 1.1 inches)	• 171 x 97.8 x 28.6 mm (6.7 x 3.9 x 1.1 inches)	• 171 x 98 x 27.5 mm (6.73 x 3.86 x 1.08 inches)

Ventilation	• Fanless
Operating Temperature	• 0 to 40 °C (32 to 104 °F)
Storage Temperature	• -40 to 70 °C (-40 to 158 °F)
Operating Humidity	• 0% to 90% RH, non-condensing
Storage Humidity	• 0% to 95% RH, non-condensing
EMI	• FCC Class B, CE Class B, VCCI Class B, BSMI, CCC
Safety	• cUL, CE LVD, CB, BSMI, CCC

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DGS-1100 Series Smart Managed Switches

Technical Specifications

General	DGS-1100-16	DGS-1100-18	DGS-1100-24	DGS-1100-26	DGS-1100-24P
Hardware Version	• B2				
Size	• 19-inch desktop/rackmount size, 1U height				
Number of Ports	• 16 10/100/1000 Mbps	• 16 10/100/1000 Mbps • 2 SFP 1000 Mbps	• 24 10/100/1000 Mbps	• 24 10/100/1000 Mbps • 2 SFP 1000 Mbps	• 12 10/100/1000 Mbps (PoE) • 12 10/100/1000 Mbps
Port Functions	• IEEE 802.3 for Ethernet • IEEE 802.3u for Fast Ethernet • IEEE 802.3ab for Gigabit Ethernet • IEEE 802.3z for Gigabit fiber • IEEE 802.3af/at (DGS-1100-24P ports 1 to 12 only) • IEEE 802.3az compliant		• Auto-negotiation • Auto MDI/MDIX • IEEE 802.3x Flow Control supports full-duplex mode • Supports half/full-duplex operation (full/half at 10/100 Mbps, full at 1000 Mbps)		
Performance					
Switching Capacity	• 32 Gbps	• 36 Gbps	• 48 Gbps	• 52 Gbps	• 48 Gbps
Maximum Forwarding Rate	• 23.81 Mpps	• 26.79 Mpps	• 35.71 Mpps	• 38.69 Mpps	• 35.71 Mpps
MAC Address Table Size	• 8K Entries	• 16K Entries	• 8K Entries	• 16K Entries	• 8K Entries
Packet Buffer	• 512 KBytes	• 1.5 MBytes	• 512 KBytes	• 1.5 MBytes	• 512 KBytes
Flash Memory	• 8 Mbytes				
PoE					
PoE Standard	-	-	-	-	• IEEE 802.3af/ 802.3at
PoE Capable Ports	-	-	-	-	• Ports 1 to 12
PoE Power Budget	-	-	-	-	• 100 W (30 W max. per PoE port)
Power Consumption					
Standby Mode	• 7.96 W	• 10.83 W	• 10.37 W	• 12.94 W	• 12.94 W
Maximum Power Consumption	• 9.31 W	• 14.88 W	• 13.94 W	• 19.04 W	• 128.3 W (PoE on) • 21.24 W (PoE off)
Physical					
Power Input	• 100 to 240 V AC, 50 to 60 Hz internal power supply				
MTBF	• 2,827,541 hours	• 2,671,256 hours	• 2,406,109 hours	• 2,277,645 hours	• 563,292 hours
Acoustics	• 0 dB(A)	• 0 dB(A)	• 0 dB(A)	• 0 dB(A)	• 27.6 dB(A)
Heat Dissipation	• 31.77 BTU/hr	• 50.77 BTU/hr	• 47.57 BTU/hr	• 64.97 BTU/hr	• 437.85 BTU/hr
Weight	• 1.53 kg (3.37 lbs)	• 1.56 kg (3.44 lbs)	• 1.63 kg (3.59 lbs)	• 1.66 kg (3.66 lbs)	• 2.15 kg (4.74 lbs)
Dimensions	• 280 x 180 x 44 mm (11.02 x 7.08 x 1.73 inches)	• 280 x 180 x 44 mm (11.02 x 7.08 x 1.73 inches)	• 280 x 180 x 44 mm (11.02 x 7.08 x 1.73 inches)	• 280 x 180 x 44 mm (11.02 x 7.08 x 1.73 inches)	• 280 x 230 x 44 mm (11.02 x 9.05 x 1.73 inches)
Ventilation	• Fanless	• Fanless	• Fanless	• Fanless	• 1 Fan
Operating Temperature	-5 to 50 °C (23 to 122 °F)				
Storage Temperature	-40 to 70 °C (-40 to 158 °F)				
Operating Humidity	0% to 95% non-condensing				

Storage Humidity	0% to 95% non-condensing
EMI	FCC Class A, CE Class A, VCCI Class A, C-Tick, BSMI, CCC
Safety	cUL, CE LVD, CB, BSMI, CCC

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DGS-1100 Series Smart Managed Switches

Technical Specifications

General	DGS-1100-10MP	DGS-1100-10MPP	DGS-1100-26MP	DGS-1100-26MPP
Hardware Version	• B1			
Size	• 19-inch desktop/rackmount size, 1U height			
Number of Ports	• 8 10/100/1000 Mbps (PoE) • 2 SFP 1000 Mbps	• 8 10/100/1000 Mbps (PoE) • 2 SFP 1000 Mbps	• 24 10/100/1000 Mbps (PoE) • 2 Combo 1000 Mbps	• 24 10/100/1000 Mbps (PoE) • 2 Combo 1000 Mbps
Port Functions	• IEEE 802.3 for Ethernet • IEEE 802.3u for Fast Ethernet • IEEE 802.3ab for Gigabit Ethernet • IEEE 802.3z for Gigabit fiber • IEEE 802.3af/3at • IEEE 802.3bt draft/UPoE (DGS-1100-10MPP/26MPP only)		• IEEE 802.3x Flow Control supports full-duplex mode • Supports manual/auto MDI/MDIX configuration • Auto-negotiation • Supports half/full-duplex operation • IEEE 802.3az compliant • Up to 6 kV surge protection per port	
Performance				
Switching Capacity	• 20 Gbps	• 20 Gbps	• 52 Gbps	• 52 Gbps
Maximum Forwarding Rate	• 14.88 Mpps	• 14.88 Mpps	• 38.69 Mpps	• 38.69 Mpps
MAC Address Table Size	• 16K Entries			
Packet Buffer	• 1.5 MBytes			
Flash Memory	• 16 MBytes			
PoE				
PoE Standard	• IEEE 802.3af/802.3at	• IEEE 802.3af/802.3at/ 802.3bt draft/UPoE	• IEEE 802.3af/802.3at	• IEEE 802.3af/802.3at/ 802.3bt draft/UPoE
PoE Capable Ports	• Ports 1 to 8		• Ports 1 to 24	
PoE Power Budget	• 130 W (30 W max. per PoE port)	• 242 W (30 W max. per PoE port for ports 1 to 8, 75 W max. for ports 7 to 8)	• 370 W (30 W max. per PoE port)	• 518 W (30 W max. per PoE port for ports 1 to 24, 75 W max. for ports 21 to 24)
Power Consumption				
Standby Mode	• 10.4 W	• 10.47 W	• 15.12 W	• 15.19 W
Maximum Power Consumption	• 141.4 W (PoE on) • 11.8 W (PoE off)	• 253 W (PoE on) • 14.6 W (PoE off)	• 387 W (PoE on) • 20.8 W (PoE off)	• 539 W (PoE on) • 23.2 W (PoE off)
Physical				
Power Input	• 100 to 240 V AC, 50 to 60 Hz internal power supply			
MTBF	• 291, 575 hours	• 1, 719, 951 hours	• 269, 291 hours	• 268, 289 hours
Acoustics	• 45.4 dB(A)	• 53 dB(A)	• 56 dB(A)	• 56 dB(A)
Heat Dissipation	• 570.51 BTU/hr	• 1001.12 BTU/hr	• 1470.46 BTU/hr	• 2079.35 BTU/hr
Weight	• 1.67 kg (3.68 lbs)	• 2.00 kg (4.41 lbs)	• 3.90 kg (8.60 lbs)	• 3.92 kg (8.64 lbs)
Dimensions	• 280 x 180 x 44 mm (11.02 x 7.08 x 1.73 inches)	• 280 x 180 x 44 mm (11.02 x 7.08 x 1.73 inches)	• 440 x 290 x 44 mm (17.32 x 11.42 x 1.73 inches)	• 440 x 290 x 44 mm (17.32 x 11.42 x 1.73 inches)
Ventilation	• 1 x Fan		• 2 x Fans	
Operating Temperature	-5 to 50 °C (23 to 122 °F)			
Storage Temperature	-40 to 70 °C (-40 to 158 °F)			
Operating Humidity	0% to 95% non-condensing			

Storage Humidity	0% to 95% non-condensing
EMI	FCC/IC, CE, VCCI, BSMI, CCC
Safety	cUL, UL, LVD, CB, CCC, BSMI

Software Features (DGS-1100-05/05PD/08/08P/08PD)		

VLAN	• Port-based VLAN
	• 802.1Q tagged VLAN
	• Surveillance VLAN
	• Voice VLAN
	• Management VLAN
		• VLAN Group
		  • Supports 32 static VLAN groups
		  • Max. 4094 VIDs
		• Asymmetric VLAN

L2 Features	• Flow Control
	  • 802.3x Flow Control
	  • HOL Blocking Prevention
	• Jumbo frames up to 9216 bytes
	• IGMP Snooping
	  • IGMP v1/v2 Snooping
	  • Supports 128 Groups
	• Static Trunk
	  • DGS-1100-05/05PD: 1 group
	  • DGS-1100-08/08P/08PD: 2 groups
		• Loopback Detection
		• Cable diagnostics
		• Port mirroring
		  • One-to-One
		  • Many-to-One
		• Statistics
		  • Tx Ok
		  • Tx Error
		  • Rx Ok
		  • Rx Error

Quality of Service (QoS)	• 802.1p Quality of Service
	• 4 queues per port
	• Queue handling
	  • Strict
	  • Weighted Round Robin (WRR)
		• Bandwidth control
		  • Port-based (Ingress/Egress, min. granularity 8 Kb/s
		  • DGS-1100-08PD: min granularity 16 Kb/s
		• DSCP

Security	• Static MAC addresses • Up to 32 entries • Traffic segmentation	• Broadcast/Multicast/Unknown Unicast Storm Control • Port security
Management	• Web-based GUI (Supports IPv4)	• D-Link Network Assistant (DNA)
D-Link Green	• Compliant with RoHS 6	• Compliant with IEEE 802.3az Energy Efficient Ethernet (EEE)
RFC Standard List	• RFC768 UDP • RFC791 IP • RFC792 ICMP • RFC793 TCP • RFC826 ARP	• IEEE 802.1p • RFC2236, IGMP Snooping • RFC1213 MIBII • RFC1215 MIB Traps Convention

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DGS-1100 Series Smart Managed Switches

Software Features (DGS-1100-16/18/24/26/24P)		

VLAN	• Port-based VLAN
	• 802.1Q tagged VLAN
	• Auto Surveillance VLAN
	• Voice VLAN
	• Management VLAN
		• Asymmetric VLAN
		• VLAN Group
		  • Supports 128 static VLAN groups
		  • Max. 4094 VIDs

L2 Features	• Flow Control
	  • 802.3x Flow Control
	  • HOL Blocking Prevention
	• Jumbo frames up to 9216 Bytes
	• IGMP Snooping
	  • IGMP v1/v2/v3 awareness Snooping
	  • Supports 64 Groups
	  • IGMP Snooping Querier
	• 802.3ad Link Aggregation:
	  • DGS-1100-16: Support max 8 groups per device and 8 ports per group
	  • DGS-1100-18: Support max 9 groups per device and 8 ports per group
	  • DGS-1100-24P: Support max 12 groups per device and 8 ports per group
	  • DGS-1100-26: Support max 13 groups per device and 8 ports per group
	• Loopback Detection
		• Cable diagnostics
		• LLDP
		• Port Mirroring
		  • One-to-One
		  • Many-to-One
		• Statistics
		  • Tx Ok
		  • Tx Error
		  • Rx Ok
		  • Rx Error
		• Spanning Tree Protocol
		  • 802.1D STP
		  • 802.1w RSTP

Quality of Service (QoS)	• 802.1p Quality of Service
	• 4 queues per port
	• Queue handling
	  • Strict
	  • Weighted Round Robin (WRR)
		• Port-based bandwidth control (rate limiting)
		  • Ingress: 8 Kbps
		  • Egress: 64 Kbps

Security	• D-Link Safeguard • Traffic segmentation • Broadcast/Multicast/Unknown Unicast Storm Control	• DoS attack prevention • SSL
Management	• Web-based GUI (supports IPv4/IPv6)	• Client-based D-Link Network Assistant (DNA)

Green Technology	• Power saving by
	  • Link status
	  • LED shut-off
	  • Port shut-off
	  • System hibernation
		• Compliant with IEEE 802.3az Energy Efficient Ethernet (EEE)

MIB/RFC Standards	• RFC768 UDP • RFC791 IP • RFC792 ICMP • RFC793 TCP • RFC826 ARP • RFC1213 MIB II • RFC1493 Bridage MIB • RFC1907 SNMPv2 MIB • RFC1215 MIB Traps Convention	• RFC2233 Interface Group MIB • RFC2665 Ether-like MIB • RFC4363 IEEE 802.1p MIB • ZoneDefense MIB • Private MIB • RFC951 BootP client • RFC1542 BootP/DHCP client • RFC2236 IGMP Snooping

Software Features (DGS-1100-10MP/26MP/10MPP/26MPP)		

VLAN	• Port-based VLAN
	• 802.1Q tagged VLAN
	• Auto Surveillance VLAN
	• Voice VLAN
	• Management VLAN
		• Asymmetric VLAN
		• VLAN Group
		  • Supports 128 static VLAN groups
		  • Max. 4094 VIDs

L2 Features	• Flow control
	  • 802.3x Flow control
	  • HOL Blocking Prevention
	• Jumbo frames up to 9216 Bytes
	• IGMP Snooping
	  • IGMP v1/v2/v3 awareness Snooping
	  • Supports 64 Groups
	  • IGMP Snooping Querier
	• 802.3ad Link Aggregation:
	  • DGS-1100-10MP: Support 5 groups per device and 8 ports per group
	  • DGS-1100-26MP: Support 13 groups per device and 8 ports per group
	  • DGS-1100-10MPP: Support 5 groups per device and 8 ports per group
	  • DGS-1100-26MPP: Support 13 groups per device and 8 ports per group
	• Ethernet Ring Protection Switching
	  • G.8032 ERPS
	• Loopback Detection
		• Cable diagnostics
		• LLDP
		• Port Mirroring
		  • One-to-One
		  • Many-to-One
		• Statistics
		  • Tx Ok
		  • Tx Error
		  • Rx Ok
		  • Rx Error
		• Spanning Tree Protocol
		  • 802.1D STP
		  • 802.1w RSTP
		• L2 Multicast
		  • MLD Snooping

Quality of Service (QoS)	• 802.1p Quality of Service
	• 4 queues per port
	• Queue handling
	  • Strict
	  • Weighted Round Robin (WRR)
		• Port-based bandwidth control (rate limiting)
		  • Ingress: 8Kbps
		  • Egress: 64Kbps

Security	• D-Link Safeguard • Traffic segmentation • Broadcast/Multicast/Unknown Unicast Storm Control	• DoS attack prevention • SSL
Management	• Web-based GUI (Supports IPv4/IPv6)	• Client-based D-Link Network Assistant (DNA)

Green Technology	• Power saving by
	  • Link status
	  • LED shut-off
	  • Port shut-off
	  • System hibernation
		• Compliant with IEEE 802.3az Energy Efficient Ethernet (EEE)

MIB/RFC Standards	• RFC768 UDP • RFC791 IP • RFC792 ICMP • RFC793 TCP • RFC826 ARP • RFC1213 MIB II • RFC1493 Bridage MIB • RFC1907 SNMPv2 MIB • RFC1215 MIB Traps Convention	• RFC2233 Interface Group MIB • RFC2665 Ether-like MIB • RFC4363 IEEE 802.1p MIB • ZoneDefense MIB • Private MIB • RFC951 BootP client • RFC1542 BootP/DHCP client • RFC2236 IGMP Snooping

Order Information	
Part Number	*Description*
DGS-1100-05	5 x 10/100/1000 Mbps ports switch
DGS_1100-05PD	2 x 10/100/1000 Mbps PoE ports + 3 x 10/100/1000 Mbps ports switch with port 5 as PD port
DGS-1100-08	8 x 10/100/1000 Mbps ports switch
DGS-1100-08P	8 x 10/100/1000 Mbps PoE ports switch
DGS-1100-08PD	8 x 10/100/1000 Mbps ports switch with port 1 as PD port
DGS-1100-16	16 x 10/100/1000 Mbps ports switch
DGS-1100-18	16 x 10/100/1000 Mbps ports + 2 x 1000 Mbps SFP ports switch
DGS-1100-24	24 x 10/100/1000 Mbps ports switch
DGS-1100-26	24 x 10/100/1000 Mbps ports + 2 x 1000 Mbps SPP ports switch
DGS-1100-24P	12 x 10/100/1000 Mbps ports + 12 x 10/100/1000 Mbps PoE ports switch
DGS-1100-10MP	8 x 10/100/1000 Mbps PoE ports + 2 x 1000 Mbps SFP switch
DGS-1100-26MP	24 x 10/100/1000 Mbps PoE ports + 2 x 1000BASE-T/SFP Combo ports switch
DGS-1100-10MPP	8 x 10/100/1000 Mbps PoE ports + 2 x 1000 Mbps SFP ports switch
DGS-1100-26MPP	24 x 10/100/1000 Mbps PoE ports + 2 x 1000BASE-T/SFP Combo ports switch
Optional SFP Transceivers	
DGS-712	1000BASE-T copper
DEM-310GT	1000BASE-LX, single-mode, 10 km
DEM-311GT	1000BASE-SX, multi-mode, 550 m
DEM-312GT2	1000BASE-SX, multi-mode, 2 km
DEM-314GT	1000BASE-LHX, single-mode, 50 km
DEM-315GT	1000BASE-ZX, single-mode, 80 km
DEM-330T/R	Gigabit WDM transceiver, single-mode, 10 km
DEM-331T/R	Gigabit WDM transceiver, single-mode, 40 km

[1] Supported by the DGS-1100-16/18/24/26/24P/10MP/26MP/10MPP/26MPP.
[2] DGS-1100-10MPP/26MPP are compatible with and can provide up to 60 W of power to third party Cisco UPoE-capable devices.

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