

D-Link DGS-1210-24P PoE switch

LAN (1Gb/s): 24 port, SFP: 4db

Cikkszám: DGS-1210-24P

Ár:

180 440 Ft



Interface

Number of 10/100/1000BASE-TX ports

- DGS-1210-08P - 8 ports
- DGS-1210-16 - 16 ports
- DGS-1210-24 - 24 ports
- DGS-1210-24P - 24 ports
- DGS-1210-48 - 44 ports

Number of SFP ports

- DGS-1210-08P - 2 ports
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Number of Combo 1000Base-T/SFP ports

- DGS-1210-16 - 4 ports
- DGS-1210-24 - 4 ports
- DGS-1210-24P - 4 ports
- DGS-1210-48 - 4 ports

PoE Supported Models (Standard(s)/Number of Ports/Maximum Power Budget)

- DGS-1210-08P (802.3af/802.3at/8 ports/65W)
- DGS-1210-24P (802.3af/802.3at/24 ports/193W)

Performance

Switch Capacity

- DGS-1210-08P - 20 Gbps
- DGS-1210-16 - 40 Gbps
- DGS-1210-24 - 56 Gbps
- DGS-1210-24P - 56 Gbps
- DGS-1210-48 - 96 Gbps

64-Byte Packet Forwarding Rate

- DGS-1210-08P - 14.9 Mpps
- DGS-1210-16 - 29.8 Mpps
- DGS-1210-24 - 41.7 Mpps
- DGS-1210-24P - 41.7 Mpps
- DGS-1210-48 - 71.4 Mpps

MAC Address Table Size

- 16K

Packet Buffer

- DGS-1210-08P/16/24/24P - 4.1 MB
- DGS-1210-48 - 12 MB

Jumbo Frame

- Up to 10,000 Bytes

Diagnostic LED Indicators

DGS-1210-16, DGS-1210-24, DGS-1210-48

- Power (per device)
- Link/Activity/Speed (per 10/100/1000 Mbps port)
- Link/Activity/Speed (per combo port)

DGS-1210-08P

- 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/ActivityPower (per device)

DGS-1210-24P

- 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

Physical & Environmental

Power Consumption (Standby/Maximum)

- DGS-1210-08P - 2.5W / 80.6W
- DGS-1210-16 - 5.56W / 13.02W
- DGS-1210-24 - 6.55W / 16.94W
- DGS-1210-24P - 16.6W / 247.4W
- DGS-1210-48 - 13.9W / 34.2W

Power Input

- 10 to 240 VAC, 50/60HZ internal universal power supply

Dimensions (W x D x H)

- DGS-1210-08P - 280 x 126 x 44 mm
- DGS-1210-16 - 280 x 180 x 44 mm
- DGS-1210-24 - 440 x 140 x 44 mm
- DGS-1210-24P - 441 x 250 x 44 mm
- DGS-1210-48 - 440 x 210 x 44 mm

Size

- 19-inch standard rackmounting width or with rackmountable brackets
- 1U Height

Ventilation

- DGS-1210-08P - fanless
- DGS-1210-16 - fanless
- DGS-1210-24 - fanless
- DGS-1210-24P - 1 fan
- DGS-1210-48 - fanless

Heat Dissipation

- DGS-1210-08P - 275.04 BTU per hour
- DGS-1210-16 - 44.41 BTU per hour
- DGS-1210-24 - 57.79 BTU per hour
- DGS-1210-24P - 844.23 BTU per hour
- DGS-1210-48 - 116.7 BTU per hour

Temperature

- Operating: -5° to 50°C (23° to 112°F)
- Storage: -20° to 70°C (-4° to 158°F)

Humidity

- Operating: 0% ~ 95% non-condensing
- Storage: 0% ~ 95% non-condensing

Certification

- CE Class A

Safety

- cUL, LVD

Software Feature

L2 Features

- MAC Address Table: 8K
- Flow Control
 - 802.3x Flow Control
 - HOL Blocking Prevention
- Jumbo Frame up to 10,000 Bytes
- IGMP Snooping
 - IGMP v1/v2 Snooping
 - IGMP Snooping v3 Awareness
 - Supports 256 IGMP groups
 - Supports at least 64 static multicast addresses
 - IGMP per VLAN
 - Supports IGMP Snooping Querier
- MLD Snooping
 - Supports MLD v1/v2 awareness
 - Supports 256 groups
 - Fast Leave
- Spanning Tree Protocol
 - 802.1D STP
 - 802.1w RSTP
- Loopback Detection
- 802.3ad Link Aggregation
 - Max. 4 groups per device/8 ports per group (DGS-1210-08P)
 - Max. 8 groups per device/8 ports per group (DGS-1210-16/24/24P)
 - Max. 16 groups per device/8 ports per group (DGS-1210-48P)
- Port Mirroring
 - One-to-One, Many-to-One
 - Supports Mirroring for Tx/Rx/Both
- Multicast Filtering
 - Forwards all unregistered groups
 - Filters all unregistered groups
 - LLDP, LLDP-MED

VLAN

- 802.1Q Tagged VLAN
- VLAN Group
 - Max. 256 static VLAN groups
 - Max. 4094 VIDs
- Management VLAN
- Asymmetric VLAN
- Auto Voice VLAN
- Auto Surveillance VLAN

Quality of Service (QoS)

- 802.1p Quality of Service
- Queue Handling
 - Strict
 - Weighted Round Robin (WRR)
- 8 queues per port
- Bandwidth Control
 - Port-based (Ingress/Egress, min. granularity for 10/100/1000Base-T ports is 16 Kb/s)
- CoS based on
 - 802.1p Priority Queues
 - DSCP
 - ToS
 - TCP/UDP port number

- IPv6 traffic class

Access Control List (ACL)

- Single or multiple ports (each rule)
- ACL based on
 - MAC Address
 - IPv4 Address (ICMP/IGMP/TCP/UDP)
 - IPv6 Address (ICMP/TCP/UDP)1
 - 802.1p
 - DSCP
 - Ether type
 - IPv6 traffic class
- ACL Actions
 - Permit
 - Deny
- Max. 6 profiles
- Max.768 entries
- Single or multiple ports (each rule)

Security

- Port Security
 - Supports up to 64 MAC addresses per port
- Broadcast/Multicast/Unicast Storm Control
- Static MAC
- D-Link Safeguard Engine
- DHCP Server Screening
- Trusted Host
- ARP Spoofing Prevention
 - Max. 64 entries
- SSL
 - Supports v1/v2/v3
 - Supports IPv4/IPv6
- Traffic Segmentation
- Smart Binding
 - Discover connected devices and click to bind
 - ARP Packet Inspection: 256 entries
 - IP/4/IPv6 Packet Inspection: 127/63 entries
 - Supports DHCP Snooping

AAA

- 802.1X Port-based Authentication
 - Supports RADIUS Server
 - Supports EAP, OTP, TLS, TTLS, PEAP

OAM

- Cable Diagnostics
- Factory Reset

MIB

- 1213 MIB II
- 1493 Bridge MIB
- 1907 SNMP v2 MIB
- 1215 Trap Convention MIB
- 2233 Interface Group MIB
- D-Link Private MIB
- Power-Ethernet MIB
- LLDP MIB
- D-Link ZoneDefense MIB¹

RFC Standard Compliance

- RFC 783 TFTP
- RFC 854 Telnet Server
- RFC 951 BootP/DHCP Client
- RFC 1157 SNMP v1, v2, v3
- RFC 1213 MIB II, IF MIB
- RFC 1215 MIB Traps Convention
- RFC 1350 TFTP
- RFC 1493 Bridge MIB
- RFC 1542 BootP/DHCP Client
- RFC 1769 Sntp
- RFC 1901 SNMP v1, v2, v3
- RFC 1907 SNMP v2 MIB
- RFC 1908 SNMP v1, v2, v3
- RFC 2068 FCS
- RFC 2131 BootP/DHCP Client
- RFC 2138 RADIUS Authentication
- RFC 2139 RADIUS Authentication
- RFC 2233 Interface Group MIB
- RFC 2246 SSL
- RFC 2475
- RFC 2570 SNMP v1, v2, v3
- RFC 2575 SNMP v1, v2, v3
- RFC 2598 CoS
- RFC 2616 FCS
- RFC 2618 RADIUS Authentication
- RFC 2819 RMON v1
- RFC 2865 RADIUS Authentication
- RFC 3164 System Log
- RFC 3195 System Log
- RFC 3411-17 SNMP
- RFC 3621 Power Ethernet MIB

Management

- Multi-Language Web-based GUI
- SmartConsole Utility
- Telnet Server
- TFTP Client
- IPv6 Neighbor Discovery
- Configurable MDI/MDIX
- SNMP
 - Supports v1, v2, v3
- SNMP Trap
- System Log
- BootP/DHCP Client

- D-Link Network Assistant support
- SNMP
- ICMPv6
- IPv4/v6 Dual Stack
- DHCP Auto Configuration
- RMON v1

Power Saving Technology

- 802.3az Energy Efficient Ethernet (EEE) (disabled by default)
- Power Saving by:
 - Link Status
 - Cable Length detection
 - LED or Port Shut-off
 - Port Standby mode
 - System Hibernation mode
 - Time-based PoE (PoE model only)

Gyártó

D-Link