



## D-Link DGS-1210-28MP network switch Managed L2 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Black, Grey



Brand : D-Link

Product code: DGS-1210-28MP

Product name : DGS-1210-28MP

24 10/100/1000BASE-T, PoE, 4 SFP, 56 Gbps, 41.7 Mbps, 440x210x44 mm  
D-Link DGS-1210-28MP. Switch type: Managed, Switch layer: L2. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 24, Console port: RJ-45. Full duplex. MAC address table: 16000 entries, Switching capacity: 56 Gbit/s. Networking standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Management features		Design	
Switch type *	Managed	Form factor	1U
Switch layer	L2	Product colour	Black, Grey
Quality of Service (QoS) support	✓	LED indicators	Activity, Fan fail, Link, Power, Speed
Web-based management	✓	Number of fans	2 fan(s)
Traffic classification	✓	Safety	CCC, CE LVD, UL/cUL
System event log	✓	Electromagnetic compatibility	FCC A, CE A, VCCI, C-Tick, BSMI, CCC
MIB support	RFC1213MIB II, RFC1493, RFC1907, RFC1757, 2819, RFC2021, RFC1398, 1643, 1650, 2358, 2665, RFC2674, 4363, RFC 2233, 2863, RFC 2618, RFC 2620, RFC 2925	Certification	IEC61000-4-5, RoHS
Ports & interfaces		Performance	
Basic switching RJ-45 Ethernet ports quantity *	24	Built-in processor	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Memory type	DDR3-SDRAM
SFP module slots quantity	4	Internal memory	128 MB
Fiber optic connector	SFP	Flash memory	32 MB
Console port	RJ-45	Noise level	52.4 dB
Network		Mean time between failures (MTBF)	294101 h
Networking standards *	IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1s, IEEE 802.1v, IEEE 802.1w, IEEE 802.1x, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3ah, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Technical details	
10G support *	✗	Shipping (inner) case height	39.3 cm
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 100BASE-T, 1000BASE-T	Shipping (inner) case width	29.5 cm
Port mirroring	✓	Shipping (inner) case length	53.9 cm
Full duplex	✓	Shipping (inner) case net weight	15.6 kg
IP routing	✓	Products per shipping (inner) case	3 pc(s)
Flow control support	✓	Pallet gross weight (air)	419.7 kg
Link aggregation	✓	Master (outer) cases per pallet (air)	24 pc(s)
Rate limiting	✓	Products per pallet (air)	72 pc(s)
Auto MDI/MDI-X	✓	Pallet gross length	110 cm
Spanning tree protocol	✓	Pallet gross width	120 cm
Auto-negotiation	✓	Pallet height (air)	131.4 cm
VLAN support	✓	Pallet gross weight (sea)	682.9 kg
Virtual LAN features	Voice VLAN, Tagged VLAN, MAC address-based VLAN, Port-based VLAN	Master (outer) cases per pallet (sea)	40 pc(s)
Number of VLANs	4094	Products per pallet (sea)	120 pc(s)
Optical fiber		Pallet height (sea)	2.1 m
Fiber ethernet cabling technology	1000BASE-X	Shipping (inner) case gross weight	16.4 kg
		Power	
		AC input voltage	100 - 240 V
		AC input frequency	50 - 60 Hz
		Power consumption (typical)	27.49 W
		Power over Ethernet (PoE)	
		Power over Ethernet (PoE) *	✓
		Power over Ethernet (PoE) ports quantity	24
		Operational conditions	
		Operating temperature (T-T)	-5 - 50 °C

Data transmission		Operational conditions	
Switching capacity *	56 Gbit/s	Storage temperature (T-T)	-40 - 70 °C
Forwarding rate	41.7 Mpps	Operating relative humidity (H-H)	10 - 90%
MAC address table *	16000 entries	Storage relative humidity (H-H)	5 - 90%
Store-and-forward	✓	Heat dissipation	850.58 BTU/h
Number of queues	8	Weight & dimensions	
Number of static routes	32	Width	440 mm
Jumbo frames support	✓	Depth	210 mm
Jumbo frames	9216	Height	44 mm
Packet buffer memory	1.5 MB	Packaging data	
Security		Package width	365 mm
DHCP features	DHCP client	Package depth	521 mm
Access Control List (ACL)	✓	Package height	92 mm
Access Control List (ACL) rules	256	Package weight	5.18 kg
IGMP snooping	✓	Logistics data	
Security algorithms	802.1x RADIUS, SNMP, SSH	Harmonized System (HS) code	85176990
SSH/SSL support	✓		
Loop protection	✓		
BPDU filtering/protection	✓		
IP-MAC-Port binding	✓		
Authentication	Guest VLAN, MAC-based authentication, Port-based authentication		
Multicast features			
Multicast support	✓		
Multicast Listener Discovery (MLD) snooping	MLD v1, MLD v2		
Design			
Rack mounting *	✓		



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