



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



Brand : D-Link

Product code: DGS-1210-28MP/E

Product name : DGS-1210-28MP/E

24x 10/100/1000BASE-T PoE RJ-45, 4x 100/1000 Mbps combo ports, 56 Gbps, 41.7 Mbps, 440x210x44mm

D-Link DGS-1210-28MP/E. 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		Security	
Switch type *	Managed	Access Control List (ACL) rules	256
Switch layer	L2	IGMP snooping	✓
Quality of Service (QoS) support	✓	Security algorithms	802.1x RADIUS, SNMP, SSH
Web-based management	✓	SSH/SSL support	✓
Traffic classification	✓	Loop protection	✓
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	BPDU filtering/protection	✓
		IP-MAC-Port binding	✓
		Authentication	Guest VLAN, MAC-based authentication, Port-based authentication
Ports & interfaces		Multicast features	
Basic switching RJ-45 Ethernet ports quantity *	24	Multicast support	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Multicast Listener Discovery (MLD) snooping	MLD v1, MLD v2
SFP module slots quantity	4	Design	
Fiber optic connector	SFP	Rack mounting *	✓
Console port	RJ-45	Form factor	1U
Network		Product colour	Black, Grey
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	LED indicators	Activity, Fan fail, Link, Power, Speed
10G support *	✗	Number of fans	2 fan(s)
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 100BASE-T, 1000BASE-T	Electromagnetic compatibility	FCC A, CE A, VCCI, C-Tick, BSMI, CCC
Port mirroring	✓	Certification	IEC61000-4-5, RoHS
Full duplex	✓	Performance	
IP routing	✓	Memory type	DDR3-SDRAM
Flow control support	✓	Internal memory	256 MB
Link aggregation	✓	Flash memory	32 MB
Rate limiting	✓	Noise level	52.4 dB
Auto MDI/MDI-X	✓	Power	
Spanning tree protocol	✓	Power source *	AC/DC
Auto-negotiation	✓	AC input voltage	100 - 240 V
VLAN support	✓	AC input frequency	50 - 60 Hz
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Tagged VLAN, Voice VLAN	Power consumption (typical)	27.49 W
Number of VLANs	4094	Power over Ethernet (PoE)	
Optical fiber		Power over Ethernet (PoE) *	✓
Fiber ethernet cabling technology	1000BASE-X	Power over Ethernet (PoE) ports quantity	24
		Operational conditions	
		Operating temperature (T-T)	-5 - 50 °C
		Storage temperature (T-T)	-40 - 70 °C
		Operating relative humidity (H-H)	10 - 90%

Data transmission		Operational conditions	
Switching capacity *	56 Gbit/s	Storage relative humidity (H-H)	5 - 90%
Forwarding rate	41.7 Mpps	Heat dissipation	850.58 BTU/h
MAC address table *	16000 entries	Weight & dimensions	
Store-and-forward	✓	Width	440 mm
Number of queues	8	Depth	210 mm
Number of static routes	32	Height	44 mm
Jumbo frames support	✓	Weight	3.86 kg
Jumbo frames	9216	Logistics data	
Packet buffer memory	1.5 MB	Harmonized System (HS) code	85176990
Security			
DHCP features	DHCP client		
Access Control List (ACL)	✓		



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