



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	IGMP snooping	✓
Switch layer	L2	Security algorithms	802.1x RADIUS, SNMP, SSH
Quality of Service (QoS) support	✓	SSH/SSL support	✓
Web-based management	✓	Loop protection	✓
Traffic classification	✓	BPDU filtering/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	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	✓	Performance	
Full duplex	✓	Memory type	DDR3-SDRAM
IP routing	✓	Internal memory	256 MB
Flow control support	✓	Flash memory	32 MB
Link aggregation	✓	Noise level	52.4 dB
Rate limiting	✓	Power	
Auto MDI/MDI-X	✓	Power source *	AC/DC
Spanning tree protocol	✓	AC input voltage	100 - 240 V
Auto-negotiation	✓	AC input frequency	50 - 60 Hz
VLAN support	✓	Power consumption (typical)	27.49 W
Virtual LAN features	MAC address-based VLAN, Port-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE)	
Number of VLANs	4094	Power over Ethernet (PoE) *	✓
		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%

Optical fiber		Operational conditions	
Fiber ethernet cabling technology	1000BASE-X	Storage relative humidity (H-H)	5 - 90%
Data transmission		Heat dissipation	850.58 BTU/h
Switching capacity *	56 Gbit/s	Weight & dimensions	
Forwarding rate	41.7 Mpps	Width	440 mm
MAC address table *	16000 entries	Depth	210 mm
Store-and-forward	✓	Height	44 mm
Number of queues	8	Weight	3.86 kg
Number of static routes	32	Certificates	
Jumbo frames support	✓	Certification	IEC61000-4-5, RoHS
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)	✓		
Access Control List (ACL) rules	256		



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